

CURRICULUM VITAE

Dr. Andreas Poullikkas, PHD, DTECH, FIET

Cyprus Energy Regulatory Authority

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Personal information

Born in Nicosia-Cyprus, Nov 1967; Cypriot citizen.
Marital status: married with a daughter.
Languages: Greek (native), English.
Completed military service (July 1985–Sep 1987).

Current positions

2015-present *Chairman*, Cyprus Energy Regulatory Authority • Appointment by the President of Cyprus

Appointments held

2014-2018 *Chairman*, Cyprus Energy Strategy Council • Appointment by the President of Cyprus

2014-2015 *Professor of Power Systems and Department Chair*, Department of Electrical Engineering, Computer Engineering and Informatics, Cyprus University of Technology • Overall responsibility for the administration of the department and staff appraisal, teaching, researching

2014-2015 *Member of the Board of Directors*, Natural Gas Public Company (DEFA), Cyprus • Appointment by the Cyprus Council of Ministers

2012-2014 *Visiting Associate Professor*, Department of Mechanical Engineering, American University of Sharjah, UAE • Teaching, researching

2008-2012 *Visiting Associate Professor*, Department of Electrical Engineering, University of Cyprus • Teaching

2005-2009 *Visiting Associate Professor*, Harvard School of Public Health, Harvard University, USA • Teaching

2004-2014 *Assistant Manager*, Electricity Authority of Cyprus • Founder and Director of the Research and Development Department

2000-2007 *Visiting Associate Professor*, Department of Mechanical Engineering, Frederick University, Cyprus • Teaching

2000-2004 *Shift Charge Engineer*, Electricity Authority of Cyprus • Overall responsibility for the safe and economic operation of Vasilikos power station

1997-2000 *Assistant Shift Charge Engineer*, Electricity Authority of Cyprus • Responsibility for the safe and economic operation of Dekeleia power station

1995-1997 *Assistant Mechanical Engineer*, Electricity Authority of Cyprus

1993-1995 *Head of the Department*, Department of Mechanical Engineering, Frederick Institute of Technology, Cyprus • Overall responsibility for the administration of the department and staff appraisal, lecturing and researching

1991-1992 *Assistant Lecturer*, Department of Mechanical Engineering, Loughborough University, UK • Lecturing and responsible for laboratories supervision

Education

2013 **DTech** (Doctor of Technology) in Mechanical Engineering, Loughborough University, UK • The Higher Doctorate Degree, DTech, have been conferred in recognition of published work constituting a sustained, substantial and original contribution to knowledge. The Higher Doctorate Degree, DTech, was awarded solely on the basis of published work of high merit in the field of research of

energy policy and optimization of energy systems (with emphasis on renewable energy technologies) in which Dr. Andreas Poullikkas is engaged

1995-1998 **PhD** (Doctor of Philosophy) in Mechanical Engineering, Loughborough University, UK • Thesis title: *The Method of Fundamental Solutions for the solution of elliptic boundary value problems*, Supervisors: Prof. J. Ascough, Loughborough University, Prof. A. Karageorghis and Prof. G. Georgiou, University of Cyprus, External examiners: Prof. G. Fairweather, Colorado School of Mines and Prof. J. Mason, Huddersfield University

1991-1992 **MPhil** (Master of Philosophy) in Mechanical Engineering, Loughborough University of Technology, UK • Thesis title: *Two-phase flow and cavitation in centrifugal pumps*, Supervisor: R.K. Turton, Loughborough University of Technology, External examiner: T. Salisbury, Girdlestone Pumps Ltd

1989-1991 **BEng Hons** (Bachelor of Engineering) in Mechanical Engineering, Loughborough University of Technology, UK • Final year project title: *Disk friction study*, Supervisor: R.K. Turton, Loughborough University of Technology

Professional affiliations

- **FIET** (Fellow of the Institution of Engineering and Technology)
- Member of the Scientific Technical Chamber of Cyprus in Mechanical Engineering (ETEK)

Areas of specialization

ENERGY SYSTEMS

Power plants • Renewable energy sources • Distributed generation • Carbon capture and storage • Computational energy economics • Power economics • Energy Policy • Desalination economics • Emissions inventory

NUMERICAL SOLUTION OF PARTIAL DIFFERENTIAL EQUATIONS

Problems with boundary singularities • Problems with free surface • Method of Fundamental Solutions

CENTRIFUGAL PUMPS

Hydraulic design • Two phase flow pumping • Cavitation • Disc friction losses • Nuclear power safety • Loss of coolant accident

Honors & awards

2019c Recipient of *Plenary Speaker Award*, from European Forum on Clean Energy for Islands, Rhodes, Greece

2019b Recipient of *Outstanding Contribution as a Keynote Speaker Award*, from International Conference on Innovative Applied Energy (IAPE'19), Oxford, UK

2019a Recipient of *Best Plenary Speech Award*, from Global Summit on Power & Energy Engineering, Dubai, UAE

2018 Recipient of *Award of Excellence*, from Rochester Institute of Technology (RIT), NY, USA, in recognition of the contribution to the energy sector (during the Energy Summit held in RIT Dubai)

- 2016c Recipient of *Certificate of Outstanding Contribution in Reviewing in Renewable and Sustainable Energy Reviews*, from Elsevier, in recognition of the contribution to the quality of the journal
- 2016b Recipient of *Certificate for Highly Cited Research in Sustainable Energy Technologies and Assessments*, from Elsevier, in recognition of the contribution to the quality of the journal
- 2016a Recipient of *Award of Academic Excellence*, from Cyprus University of Technology, in recognition of research, teaching and scholarly contribution to the Cyprus University of Technology
- 2014b Recipient of *Sharjah Islamic Bank Research Awards, 3rd Prize*, for the research work on “Prospective Scenarios for the Adoption of Sustainable Power Generation Technologies in United Arab Emirates”
- 2014a Recipient of *Award of Excellence*, from Electricity Authority of Cyprus, in recognition of scientific contribution to the international literature
- 2013 Recipient of *Award of Outstanding Performance and Lasting Contribution to the Mechanical Engineering Department of the American University of Sharjah*, from the American Society of Mechanical Engineers
- 2011 Recipient of *Award of Scientific Contribution*, from IET Cyprus Network, in recognition of scientific contribution to Cyprus and international literature
- 2010 Recipient of *Award of Excellence*, from Electricity Authority of Cyprus, in recognition of scientific contribution to Cyprus and international literature
- 2009 Recipient of *Award of Merit*, from Cyprus Association of Technical Engineers, in recognition of scientific contribution to Cyprus and international literature
- 2007 Recipient of *Award for Highly Cited Research in Renewable and Sustainable Reviews*, from Elsevier, in recognition of the contribution to the quality of the journal
- 1999 Grant recipient from European Union; to attend the course on *Sustainability assessment of water desalination technologies* at Instituto Superior Tecnico, Portugal
- 1989b Recipient of a *2-Year scholarship* from Electricity Authority of Cyprus • Undergraduate studies
- 1989a Recipient of a *3-Year scholarship* from Cyprus Petroleum Refineries Ltd • Undergraduate studies

Research actively involved and funds

- 2017-2019 Horizon 2020, European Union, Grant agreement No: 774407, *All integrated platform for increased flexibility in smart transmission grids with storage entities and large penetration of renewable energy sources (FLEXITRANSTORE)*, funding €21.693.181 • Scientific person in charge
- 2014-2015 Cyprus University of Technology, Internal Grant, *The first step towards a 100% renewable power system for Cyprus (CY100RES)*, funding €40.000 • Principal investigator
- 2013-2014 American University of Sharjah, Sustainable Energy Initiative Fund, *Development of a solar based polygeneration energy system for commercial buildings*, funding €35.000 • Member of the research team
- 2010-2014 Seventh Framework Program of Research and Development, European Union, Grant agreement No: FP7-ENERGY-2010-1/256797, *The development and verification of a novel modular air cooled condenser for enhanced concentrated solar power generation (MACCSol)*, funding €4.100.000 • Scientific person in charge
- 2011-2013 Cyprus Planning Bureau, *Pilot project for the integration of solar thermal technologies with desalination (HPHN)*, funding €1.295.000 • Scientific person in charge
- 2008-2011 Seventh Framework Program of Research and Development, European Union, Grant Agreement

- No 219055, *Pilot Demonstration of eleven 7MW-Class WEC at Estinnes in Belgium (7MW-WEC-by-11)*, funding €3.270.286 • Scientific person in charge
- 2007-2011 Sixth Framework Program of Research, Development and Demonstration, European Union, Contract No 038665, *Grid reliability and operability with distributed generation using transportable storage (GROW-DERS)*, funding €1.269.500 • Scientific person in charge
- 2008-2010 Cyprus Planning Bureau, *Development of a concentrated solar power on demand technology integrated with desalination system (CSP-DSW)*, funding €4.000.000 • Scientific person in charge
- 2007-2009 Sixth Framework Program of Research, Development and Demonstration, European Union, Contract No 031569, *Promotion and consolidation of all RTD activities for renewable distributed generation technologies in the Mediterranean region (DISTRES)*, €1.000.000 • Principal investigator
- 2006-2009 Sixth Framework Program of Research, Development and Demonstration, European Union, Contract No SES6-2006-019972, *Carbon dioxide capture and hydrogen production from gaseous fuels (CA-CHET)*, funding €3.000.000 • Scientific person in charge
- 2004-2009 Sixth Framework Program of Research, Development and Demonstration, European Union, Contract No SES6-CT-2003-503516, *The birth of a European distributed energy partnership that will help the large-scale implementation of distributed energy resources in Europe (EU-DEEP)*, funding €16.000.000 • Scientific person in charge
- 2005-2008 Research Promotion Foundation, Cyprus, Contract No TEXNO/1104/10, *Development of an on-line partial discharge monitoring system (KOPONA)*, funding €111.150 • Scientific person in charge
- 2004-2007 Research Promotion Foundation, Cyprus, Contract No TEXNO/0603/03, *Development of hydrogen-fuel cell distributed generation technology (H₂/KYΨEΛEΣ)*, funding €128.000 • Principal investigator
- 2004-2006 Research Promotion Foundation, Cyprus, Contract No TEXNO/0603/10, *Development of an industrial lean H₂ DeNO_x technology (YAPONOX)*, funding €128.000 • Scientific person in charge
- 2002-2006 Fifth Framework Program of Research, Development and Demonstration, European Union, Contract No ENK5-CT-2001-00536, *Cluster pilot project for the integration of RES into European Union energy sectors using hydrogen (RES₂H₂)*, funding €2.500.000 • Scientific person in charge
- 2002-2005 Fifth Framework Program of Research, Development and Demonstration, European Union, Contract No ENK5-CT2002-00668, *Mixed air-steam turbines using liquid fuels (MAST B LIQUID)*, funding €1.400.000 • Scientific person in charge
- 2002-2003 Fifth Framework Program of Research, Development and Demonstration, European Union, Contract No ENK5-CT2000-00063, *Combined cycle power plant with integrated low temperature (LOTHECO)*, funding €200.000 • Scientific person in charge

Software development

- 2000-2006 IPP Algorithm v2.1, Software for power technology selection in competitive electricity markets (technical, economic and environmental analysis), ©2000-2006.
- 2002-2004 CAPSE algorithm, Optimization software for the short term calculation of electricity unit cost from power systems, ©2002-2004.
- 1999-2004 CAROC algorithm, Optimization software for the calculation of water unit cost from reverse osmosis desalination plants, ©1999-2004.

Journal Associate Editor

- 2013-present *Journal of Power Technologies* • Associate Editor • URL: <http://www.journals.jpt/>

Journal Section Editor

2018-present *Current Alternative Energy* • Section Editor: Fusion • URL: <https://journals/cae/>

Editorial boards

- 2020-present Member of the Editorial Board of the journal *Green Energy and Sustainability* • URL: <http://www.ges/>
- 2017-present Member of the Editorial Board of the *Journal of Renewable Energy Sources–Technology, Business and Policy* • URL: <http://www.jrestbp/>
- 2015-present Member of the Editorial Board of the journal *Sustainable Energy Technologies and Assessments* • URL: <http://www.journals.seta/>
- 2013-present Member of the Review Board of the journal *Frontiers in Energy Systems and Policy* • URL: <http://www-journals.esp/>
- 2013-present Member of the Editorial Board of the *American Journal of Engineering Science and Technology Research* • URL: <http://www.journals.ajestr/>
- 2013-present Member of the Editorial Advisory Board of the *International Journal of Energy and Environment* • URL: <http://www.journals.ijee/>
- 2012-present Member of the Editorial Board of the journal *Conference Papers in Energy* • URL: <http://www.journals-energy/>
- 2012-2013 Guest Editor to the *International Journal of Sustainable Energy*
- 2012-2013 Guest Editor to the journal *Conference Papers in Energy*
- 2006-2013 Member of the Review Board of the *Scientific Journals International* • URL: <http://www.scientific/>
- 1992-1995 Member of the Editorial Board of the journal *Mechanical News*

Refereeing

SERVED AS A REFEREE FOR JOURNALS

AIMS Energy • Applied Energy • Applied Thermal Engineering • ASME Journal of Dynamic Systems, Measurement and Control • ASME Journal of Fluids Engineering • Conference Papers in Energy • Desalination and Water Treatment • Desalination • Electrochimica Acta • Energies • Energy and Fuels • Energy Policy • Energy Sources • Energy Strategy Reviews • Engineering Analysis with Boundary Elements • Environmental Engineering and Management Journal • IEEE Transactions on Sustainable Energy • IET Generation, Transmission and Distribution • IET Renewable Power Generation • International Journal of Electrical Power and Energy Systems • International Journal of Energy Research • International Journal of Global Warming • International Journal of Hydrogen • International Journal of Hydrogen Energy • International Journal of Photoenergy • International Journal of Thermal Sciences • Journal of Cleaner Production • Journal of Ecosystem and Ecography • Journal of Electrical and Electronics Engineering Research • Journal of Energy Storage • Journal of Engineering and Technology Research • Journal of Power Technologies • Journal of Solar Energy • International Journal of Sustainable Energy • JRC Scientific and Technical Reports, Institute for Energy, European Commission • Nuclear Engineering and Design • Oil and Gas Science and Technology • Proceedings of the IEEE • Propulsion and Power Research • Renewable and Sustainable Energy Reviews • Sensors • Separation Science and Technology • Solar Energy • Sustainable Energy Technologies and Assessments • Technological Forecasting and Social Change • Utilities Policy

SERVED AS AN INDEPENDENT EXPERT & EVALUATOR FOR RESEARCH PROGRAMS REVIEW

- 2018 *Graded Membranes for Energy Efficient New Generation Carbon Capture Process (GREEN-CC)*, Final Review, Seventh Framework Program of Research and Development, European Commission, Apr (2018).
- 2017 *Graded Membranes for Energy Efficient New Generation Carbon Capture Process (GREEN-CC)*, Review II, Seventh Framework Program of Research and Development, European Commission, Feb (2017).
- 2015c *Graded Membranes for Energy Efficient New Generation Carbon Capture Process (GREEN-CC)*, Review I, Seventh Framework Program of Research and Development, European Commission, Jul (2015).
- 2015b Competition Judge for The Institution of Engineering and Technology (IET) *Present Around The World (PATW) 2015 competition*, Mar (2015).
- 2015a Proposals submitted for *Faculty Research Grant (Type 2-One Year Award)*, American University of Sharjah, Dec-Apr (2015).
- 2014c Proposals submitted in the field of *Carbon Capture and Storage, Horizon 2020 Framework Programme for Research and Innovation (H2020-LCE-2015-1)* of the European Commission, Oct (2014).
- 2014b Proposals submitted for *Faculty Research Grant (Type 2-One Year Award)*, American University of Sharjah, Dec-Apr (2014).
- 2014a Proposals submitted for *Faculty Research Grant (Type 2-Two Year Award)*, American University of Sharjah, Dec-Apr (2014).
- 2013 Proposals submitted in the field of *Concentrated Solar Power, Seventh Framework Program of Research and Development (FP7- ENERGY.2013.10.1.10)* of the European Commission, Dec-Aug (2013).
- 2011c *Carbon capture and hydrogen production with membranes (CACHET II)*, Seventh Framework Program of Research and Development, Nov 29 (2011).
- 2011b *Enhanced Energy Production of Heat and Electricity by a combined Solar Thermionic-Thermoelectric Unit System (EzPHEST2US)*, Seventh Framework Program of Research and Development, Sep 6 (2011).
- 2011a Proposals submitted in the field of *Concentrated Solar Power, Seventh Framework Program of Research and Development (FP7-ENERGY-2011-1)*, Dec-Aug (2011).
- 2010 *CO₂ Enhanced Separation Recovery (CESAR)*, Seventh Framework Program of Research and Development, Feb 9-12 (2010).
- 2008-2013 Proposals submitted, in the field of Energy, to *EUREKA for the Eurostars* call of applications (2008-2013).
- 2004 Proposals submitted, in the field of Energy, to *Hermes Research Center and Incubator*, Cyprus (2004).
- 2001 Proposals submitted, in the field of Energy, to the *Research Promotion Foundation for the Greece-Cyprus research program* for science and technology 2000-2002 (2001).

SERVED AS A REFEREE FOR PROCEEDINGS VOLUMES

- 2011b *Proceedings of the Renewable Energy Sources and Energy Efficiency Conference*, Nicosia, Cyprus, May 28-29 (2011).
- 2011a *Proceedings of the World Renewable Energy Congress 2011*, Linköping, Sweden, May 8-13 (2011).
- 2010b *Proceedings of the 7th Mediterranean Conference and Exhibition on Power Generation, Transmission, Distribution and Energy Conversion*, Ayia Napa, Cyprus, Nov 7-10 (2010).

- 2010a *Proceedings of IDETC/CIE 2010, ASME International Design Engineering Technical Conferences & Computers and Information in Engineering Conference*, Montréal, Quebec, Canada, Aug 15-18 (2010).
- 2009b *Proceedings of the Conference on the Promotion of Distributed Renewable Energy Sources in the Mediterranean region*, Nicosia, Cyprus, Dec 11-12 (2009).
- 2009a *Proceedings of the Renewable Energy Sources and Energy Efficiency Conference*, Nicosia, Cyprus, Oct 23-24 (2009).
- 2008b *Proceedings of the EuroMed 2008-Desalination Conference*, Dead Sea, Jordan, Nov 9-13 (2008).
- 2008a *Proceedings of the International Conference on Deregulated Electricity Market Issues in South-Eastern Europe*, Nicosia, Cyprus, Sep 22-23 (2008).
- 2007 *Proceedings of the Renewable Energy Sources and Energy Efficiency Conference*, Nicosia, Cyprus, Sep 28-30 (2007).
- 2004b *Proceedings of the Second International Conference on Industrial Gas Turbine Technologies*, Bled, Slovenia, Apr 29-30 (2004).
- 2004a *Proceedings of the Workshop on Methodologies for Distributed Energy Resources Economic Appraisal*, Brussels, Mar 23-26 (2004).
- 2003 *Proceedings of the First International Conference on Industrial Gas Turbine Technologies*, Belgium, Brussels, Jul 10-11 (2003).

Teaching experience

DEPARTMENT OF ELECTRICAL ENGINEERING, COMPUTER ENGINEERING AND INFORMATICS, CYPRUS UNIVERSITY OF TECHNOLOGY

- 2014-2015 Renewable Energy Systems (graduate course)
- 2014-2015 Power systems II (undergraduate/graduate course)
- 2014-2015 Power generation operation and control (undergraduate/graduate course)

DEPARTMENT OF MECHANICAL ENGINEERING, AMERICAN UNIVERSITY OF SHARJAH, UAE

- 2013 Advanced thermofluids (graduate course)
- 2013 Energy systems (undergraduate course)
- 2012-2013 Thermodynamics (undergraduate course)
- 2012 Analysis of power generation technologies (graduate course)
- 2012 Energy management and conservation (undergraduate course)

DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING, UNIVERSITY OF CYPRUS

- 2008-2012 Analysis of power generation technologies (graduate course)

SCIENTIFIC TECHNICAL CHAMBER OF CYPRUS

- 2010-2012 Analysis of solar power technologies (professional course)

HARVARD SCHOOL OF PUBLIC HEALTH, HARVARD UNIVERSITY, USA

- 2005-2009 Introduction to thermodynamics, power plants and alternative energy sources (graduate course)
- 2005-2009 Power systems (graduate course)

DEPARTMENT OF MECHANICAL ENGINEERING, FREDERICK UNIVERSITY, CYPRUS

- 2007 Energy policies (graduate course)
- 2007 Economics of energy systems (graduate course)
- 2004-2007 Power systems I and II (undergraduate course)
- 2005-2007 Fluid Mechanics (undergraduate course)
- 2004 Thermodynamics (undergraduate course)
- 2003 Internal Combustion Engines (undergraduate course)
- 2000-2002 Fluid Mechanics (undergraduate course)
- 1993-1995 Electromagnetism and Optics (undergraduate course)
- 1994-1995 Calculus and Analytic Geometry (undergraduate course)
- 1994-1995 Heat and Mass Transfer (undergraduate course)
- 1993-1995 Energy Management and Conservation (undergraduate course)
- 1993-1994 Mechanical Vibrations (undergraduate course)

DEPARTMENT OF MECHANICAL ENGINEERING, LOUGHBOROUGH UNIVERSITY OF TECHNOLOGY, UK

- 1991-1992 Turbomachinery (undergraduate course)
- 1991-1992 Fluid Mechanics (undergraduate course)

Other academic activities

- 2019-present United Nations Economic Commission for Europe (UNECE), *Group of Experts on Gas*.
- 2018-present Oxford University, *Member of the Oxford Energy Policy Club*.
- 2015-2018 Cyprus Open University, *Member of the Academic Committee for the MSc in Sustainable Energy Systems*.
- 2014-2015 Cyprus University of Technology, *Chair of the Department Council*.
- 2014-2015 Cyprus University of Technology, *Member of the Engineering School Council*.
- 2014-2015 Cyprus University of Technology, *Member of the Postgraduate Studies Senate Committee*.
- 2014-2015 Cyprus University of Technology, *Chair of various Search Committees*.
- 2014 University of Central Lancashire, *External Evaluator of the Electrical Engineering Course*.
- 2003-2014 ERMIS Research and Incubator Center, *Member of the Advisory Board*.
- 2008-2014 University of Cyprus, *Member of the Industrial Advisory Board of KIOS Research Center*.
- 2009-2012 University of Nicosia, *Member of the Advisory Board of the Department of Engineering*.
- 2011 Cyprus Institute, *Member of the Search Committee for the appointment of Assistant Professors for the Energy, Environment and Water Research Center*.
- 2009 Cyprus Institute, *Member of the Search Committee for the appointment of Assistant Professors for the Energy, Environment and Water Research Center*.
- 1993-1995 Frederick University, *Head of the Department, Member of Academic, Research and Administrative Committees*.

Conference organization

- 2020c Co-Chairman and Member of the International Advisory Committee of the 12th *Mediterranean Conference on Power Generation, Transmission, Distribution and Energy Conversion (MedPower 2020)*, Paphos, Cyprus, Nov 9–12 (2020).
- 2020b Scientific Committee Theme Chair (Energy System and Sector Coupling / Spatial Energy Planning) of the 13th *International Conference on Solar Energy for Buildings and Industry (EuroSun 2020)*, Athens, Greece, Sep 1–4 (2020).
- 2020a Member of the Advisory Committee of the 11th *International Conference on Intelligent Energy Management, Electronics, Electric & Thermal Power, Robotics and Automation (IEMERA 2020)*, Imperial College London, London, UK, 26–28 Mar (2020).
- 2019 Member of the International Advisory Committee of the 1st *Conference on Energy Transition in the Mediterranean Area*, Cagliari, Sardinia, Italy, 27–29 May 2019.
- 2018f Chairman of a session, *International Conference on the Decarbonisation of the Energy Sector in the Mediterranean Region and Middle East – The Role of CSP*, Nicosia, Cyprus, 29 Nov – 1 Dec 2018.
- 2018e Member of the International Advisory Committee of the 11th *Mediterranean Conference on Power Generation, Transmission, Distribution and Energy Conversion (MedPower 2018)*, Dubrovnik, Croatia, Nov 12–15 (2018).
- 2018d Member of the Advisory Board of the 6th *International Conference on Renewable Energy and Sources and Energy Efficiency*, Nicosia, Cyprus, 1–2 Nov (2018).
- 2018c Member of the Advisory Board of the *IET Conference – Innovation, The Challenging Way Forward*, Nicosia, Cyprus, 3 Oct (2018).
- 2018b Member of the Scientific Advisory Board of the 3rd *Renewable Energy Sources–Research and Business Conference (RESRB 2018)*, Brussels, Belgium, Jun 18–20 (2018).
- 2018a Chairman of a session, 5th *International Conference on Energy, Sustainability and Climate Change (ESCC2018)*, Mykonos, Greece, 4–6 Jun 2018.
- 2017 Chairman of a session, 52nd *International Universities’ Power Engineering Conference (UPEC 2017)*, Crete, Greece, Aug 28–31 (2017).
- 2016c Member of the International Advisory Committee of the 10th *Mediterranean Conference and Exhibition on Power Generation, Transmission Energy and Distribution (MedPower 2016)*, Belgrade, Serbia, Nov 6–9 (2016).
- 2016b Co-Chairman of the 5th *International Conference on Renewable Energy and Sources and Energy Efficiency*, Nicosia, Cyprus, May 5–6 (2016).
- 2016a Track-Chair: Electric Power Systems and Renewable Energy Sources of the IEEE 18th *Mediterranean Electrotechnical Conference (MELECON 2016)*, Nicosia, Cyprus, Apr 18–20 (2016).
- 2015 Chairman of a session, 19th *International Conference on Circuits, Systems, Communications and Computers*, IEEE Conference, Zakynthos, Greece, Jul 16–20 (2015).
- 2014 Member of the International Advisory Committee and Chairman of a Session of the 9th *Mediterranean Conference and Exhibition on Power Generation, Transmission Energy and Distribution (MedPower 2014)*, Athens, Greece, Nov 2–5 (2014).
- 2013c Chairman of a session of the *EU-GCC High level Renewable Energy Policy Experts Workshop*, Masdar Institute of Science and Technology, Abu Dhabi, UAE, 26–27 Nov (2013).
- 2013b Chairman of the *Conference on Power Options for the Eastern Mediterranean Region (POEM2013)*, Nicosia, Cyprus, Oct 7–9 (2013).
- 2013a Chairman of the 4th *International Conference on Renewable Energy and Sources and Energy Effi-*

- ciency, Nicosia, Cyprus, Jun 6-7 (2013).
- 2012c Chairman of the *Conference on Power Options for the Eastern Mediterranean Region (POEM2012)*, Limassol, Cyprus, Nov 19-21 (2012).
- 2012b Honorary Chairman of the *8th Mediterranean Conference and Exhibition on Power Generation, Transmission, Distribution and Energy Conversion (MedPower 2012)*, Cagliari, Sardinia, Italy, Oct 1-4 (2012).
- 2012a Chairman of the Organising Committee, *Workshop on the Reconstruction of Vasilikos Power Station*, Nicosia, Cyprus, Apr 26 (2012).
- 2011c Chairman of a session, *State of the Art of renewable energy systems (RES) and future prospects in Cyprus and Mediterranean region by Cyprus natural gas*, Nicosia, Cyprus, Feb 4 (2011).
- 2011b Member of the Program Committee and Chairman of a session, *Workshop on Energy Issues facing Cyprus*, Nicosia, Cyprus, Oct 14 (2011).
- 2011a Member of the Organising Committee, *3rd International Conference on Renewable Energy and Sources and Energy Efficiency*, Nicosia, Cyprus, May 19-20 (2011).
- 2010 Chairman of the *7th Mediterranean Conference and Exhibition on Power Generation, Transmission, Distribution and Energy Conversion (MedPower 2010)*, Ayia Napa, Cyprus, Nov 7-10 (2010).
- 2009f Chairman of the *Conference on the Promotion of Distributed Renewable Energy Sources in the Mediterranean region*, Nicosia, Cyprus, Dec 11-12 (2009).
- 2009e Member of the Scientific Committee and Chairman of a session, *Renewable Energy Sources and Energy Efficiency*, Nicosia, Cyprus, Oct 23-24 (2009).
- 2009d Chairman of the Organizing Committee, *Workshop on Solar thermal and photovoltaic electricity market in EU and Mediterranean countries*, Beirut, Lebanon, Jun 19 (2009).
- 2009c Chairman of a session, *Conference on renewable energy sources, policies and applications in Cyprus*, Nicosia, Cyprus, 15 Jun (2009).
- 2009b Chairman of a session, *European Geosciences Union General Assembly 2009: Climate change and energy markets in the Mediterranean*, Vienna, Austria, Apr 19-24 (2009).
- 2009a Chairman of a session, *9th Conference on alternative energy sources*, Paphos, Cyprus, Mar 26-28 (2009).
- 2008d Chairman of the Organizing Committee, *Workshop on the solar thermal and photovoltaic market financing schemes in EU and Mediterranean countries*, Algiers, Algeria, Dec 17 (2008).
- 2008c Member of the International Advisory Committee, *6th Mediterranean Conference on Power Generation, Transmission and Distribution*, Thessaloniki, Greece, Nov 2-5 (2008).
- 2008b Secretary of the Organizing Committee and member of the Scientific Committee, *International Conference on Deregulated Electricity Market Issues in South-Eastern Europe (DEMSEE2008)*, Nicosia, Cyprus, Sep 22-23 (2008).
- 2008a Chairman of the Organizing Committee, *Workshop on the current RES policies within EU and Mediterranean countries*, Marrakech, Morocco, Jun 5 (2008).
- 2007g Member of the Organizing Committee, *Cyprus Electricity Research and Development 2007 Workshop*, Nicosia, Cyprus, Dec 17 (2007).
- 2007f Member of the Organizing Committee, *European Workshop on Power generation expansion planning*, Nicosia, Cyprus, Nov 22-23 (2007).
- 2007e Member of the Scientific Committee and Chairman of two sessions, *Renewable Energy Sources and Energy Efficiency*, Nicosia, Cyprus, Sep 28-30 (2007).

- 2007d Chairman of a session, *10th Quality Forum*, Nicosia, Cyprus, 26 Sep 2007.
- 2007c Member of the Scientific Committee, *International Workshop on Deregulated Electricity Market Issues in South-Eastern Europe*, Istanbul, Turkey, Sep 19-20 (2007).
- 2007b Member of the Scientific Committee and Chairman of a session, *International Conference MFS 2007*, Ayia Napa, Cyprus, Jun 11-13 (2007).
- 2007a Chairman of the Organizing Committee, *The European Union Policy for the Future Power Systems*, Nicosia, Cyprus, Feb 13 (2007).
- 2006b Member of the Organizing Committee, *Electromagnetic Fields: Sources, Health Effects and Regulations*, Nicosia, Cyprus, Nov 7 (2006).
- 2006a Member of the Technical Committee, *5th Mediterranean Conference on Power Generation, Transmission and Distribution*, Eilat, Israel, Nov 15-17 (2006).
- 2004b Chairman of a session, *4rd Mediterranean Conference on Power Generation, Transmission, Distribution and Energy Conversion*, Limassol, Cyprus, Nov 15-17 (2004).
- 2004a Member of the Scientific Committee, *Second International Conference on Industrial Gas Turbine Technologies*, Bled, Slovenia, Apr 29-30 (2004).
- 2003 Member of the Scientific Committee and Chairman of a session, *First International Conference on Industrial Gas Turbine Technologies*, Belgium, Brussels, Jul 10-11 (2003).

Consulting

- 2014 Minister of Energy, Cyprus Government, *Roadmap concerning the set up of natural gas market in Cyprus*
- 2013 Cyprus Government Council of Ministers, *Strategic plan for the promotion of renewable energy sources in the Cyprus electricity generation system - Review Update I*
- 2012 Cyprus Government Council of Ministers, *Strategic plan for the promotion of renewable energy sources in the Cyprus electricity generation system - Update for small commercial PV systems Feed-in-Tariff*
- 2011c Cyprus Energy Regulatory Authority, *Feasibility study for the integration of pumped hydroelectric energy storage systems in Cyprus power system*
- 2011b Cyprus Energy Regulatory Authority, *Assessment of net metering policies for PV residential installations*
- 2011a Cyprus Government Council of Ministers, *Strategic plan for the promotion of renewable energy sources in the Cyprus electricity generation system - Update for PV systems early deployment*
- 2010 Cyprus Government Council of Minister, *Development of a strategic plan for the promotion of renewable energy sources in the Cyprus electricity generation system*
- 2007 European Commission, *Strategic plan for the integration of future sustainable power technologies with carbon capture and storage in the European energy system*

Service to the profession

- 2018-present *ex-officio* Member of the *IET Cyprus section committee* • Appointment by the IET.
- 2015-present Member of the *Board of Regulators of the Agency for the Cooperation of Energy Regulators* • Appointment by the European Commission.
- 2006-present National Liaison Officer for matters related to the *WASP-IV computer code* • Appointment by the

- International Atomic Energy Agency (IAEA).
- 2000-present Member of the *Desalination Economic Evaluation Programme (DEEP) user group* • Appointment by the International Atomic Energy Agency (IAEA).
- 2010-2015 Chairman of the Working Group for *Strategic plan for the promotion of renewable energy sources in the Cyprus electricity generation system* • Appointment by the Council of Ministers of the Cyprus Government.
- 2008-2014 Vice Chairman of the *CIGRE National Committee of Cyprus*.
- 2011-2014 Member of the *Energy Working Group* • Appointment by the Cyprus Employers and Industrialists Federation.
- 2003-2014 Vice Chairman of the *Energy Policy Working Group* • Appointment by the Scientific Technical Chamber of Cyprus (ETEK).
- 2006-2014 Member of the *Research and Development Working Group* • Appointment by the European Union of the Electricity Industry (EURELECTRIC).
- 2011-2012 Coordinator of the *Pre-feasibility study for the introduction of a pump storage system* • Appointment by the Electricity Authority of Cyprus.
- 2009-2012 Advisor on technology issues of the *Solar Thermal Working Group* • Appointment by the Electricity Authority of Cyprus.
- 2010-2011 Coordinator of the *EAC RES-E strategic plan for the period 2011-2020 Working Group* • Appointment by the Electricity Authority of Cyprus.
- 2010b Coordinator of the *NER300 funding scheme for innovative RES technologies-A guide for EAC strategy Working Group* • Appointment by the Electricity Authority of Cyprus.
- 2010a Coordinator of the *EAC RES-E avoidance cost Working Group* • Appointment by the Electricity Authority of Cyprus.
- 2009-2010 Member of the *Generation System Optimization Working Group* • Appointment by the Electricity Authority of Cyprus.
- 2008-2010 Member of the *Desalination Working Group* • Appointment by the Electricity Authority of Cyprus.
- 2007-2009 Member of the *European Technology Platform on Zero Emission Fossil Fuel Power Plants (ETP ZEP)-Taskforce Policy and Regulation* • Appointment by the European Commission.
- 2000-2009 Member of the *Environmental Protection Working Group* • Appointment by the European Union of the Electricity Industry (EURELECTRIC).
- 2007-2008 Member of the *3rd Energy Package Working Group* • Appointment by the Electricity Authority of Cyprus.
- 2007c Member of the *EAC market rules Working Group* • Appointment by the Electricity Authority of Cyprus.
- 2007b Member of the *EAC natural gas generation cost Working Group* • Appointment by the Electricity Authority of Cyprus.
- 2007a Member of the *EAC competition strategy Working Group* • Appointment by the Electricity Authority of Cyprus.
- 2006-2007 Coordinator of the *Evaluation of the power optimization generator and contract scheduling (Power-Op) software Working Group* • Appointment by the Electricity Authority of Cyprus.
- 2006b Member of the *Power system optimization Working Group* • Appointment by the Electricity Authority of Cyprus.
- 2006a Member of the *EAC cooperation with independent power producers Working Group* • Appointment

- by the Electricity Authority of Cyprus.
- 2005-2006 Member of the *Liquefied natural gas Working Group* • Appointment by the Electricity Authority of Cyprus.
- 2004-2006 Member of the *Generation strategic planning Working Group* • Appointment by the Electricity Authority of Cyprus.
- 2004-2006 Cyprus Delegate to the *European Commission for research and technological development activities in the field of energy* • Appointment by the Planning Bureau of the Cyprus Government.
- 2004-2005 Member of the *Ancillary Services Working Group* • Appointment by the Electricity Authority of Cyprus.
- 2004-2005 Member of the *HFO reserves Working Group* • Appointment by the Electricity Authority of Cyprus.
- 2003-2005 Member of the *National Plan for Energy Management Working Group* • Appointment by the Scientific Technical Chamber of Cyprus (E TEK).
- 2003-2005 Member of the *Mechanical Engineering Membership Applications Review Panel* • Appointment by the Scientific Technical Chamber of Cyprus (E TEK).
- 2000-2005 Vice Chairman of the *Research Working Group* • Appointment by the Scientific Technical Chamber of Cyprus (E TEK).
- 2003-2004 Member of the *Environmental Protection Committee* • Appointment by the Scientific Technical Chamber of Cyprus (E TEK).
- 2000-2002 Member of the *Harmonization with EU Legislation Working Group* • Appointment by the Scientific Technical Chamber of Cyprus (E TEK).
- 1999-2002 Member of the *EU Environmental Legislation Working Group* • Appointment by the Electricity Authority of Cyprus.
- 2000-2001 Member of the *Desalination Working Group* • Appointment by the Electricity Authority of Cyprus.
- 1999-2000 Member of the *EU Research Sources for Funding Working Group* • Appointment by the Electricity Authority of Cyprus.
- 1999b Member of the *EU Stranded Costs Working Group* • Appointment by the Electricity Authority of Cyprus.
- 1999a Member of the *EAC Spinning Reserve Policy Working Group* • Appointment by the Electricity Authority of Cyprus.
- 1998-1999 Member of the *Generation System Optimization Working Group* • Appointment by the Electricity Authority of Cyprus.
- 1998-1999 Member of the *Emissions Reduction Working Group* • Appointment by the Electricity Authority of Cyprus.
- 1996 Member of a special committee to prepare written examinations for the appointment of engineers to work for the Limassol sewage treatment plant • Appointment by the Scientific Technical Chamber of Cyprus (E TEK).

PUBLICATIONS & TALKS

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MPHIL, PHD, DTech, FIET

Last updated: January 24, 2021

Books

- 2020 Poulikkas A., *Long-term Sustainable Energy Strategy: Cyprus's Energy Transition to Hydrogen Economy*, Easy Conferences Ltd., Nicosia, ISBN: 978-9925-7710-0-4 (2020) • URL: <https://www.CyprusH2/>
- 2018 Poulikkas A., *Views from the 90s*, Easy Conferences Ltd., Nicosia, ISBN: 978-9963-7355-9-4 (2018) • URL: <https://www.views90s/>
- 2016 Poulikkas A., *Fundamentals of Energy Regulation*, Easy Conferences Ltd., Nicosia, ISBN: 978-9963-7355-8-7 (2016) • URL: <https://www.energyregulation/>
- 2015b Poulikkas A., *Sustainable Energy Policymaking for Cyprus*, Easy Conferences Ltd., Nicosia, ISBN: 978-9963-7355-6-3 (2015) • URL: <https://www.energypolicymaking/>
- 2015a Poulikkas A., *Energy Union and Strategy for Cyprus*, Easy Conferences Ltd., Nicosia, ISBN: 978-9963-7355-7-0 (in Greek) (2015) • URL: <https://www.energyunion/>
- 2013b Poulikkas A., *Renewable Energy: Economics, Emerging Technologies and Global Practices*, NOVA Science Publishers, Inc., New York, Hardcover ISBN: 978-1-62618-231-8, Ebook ISBN: 978-1-62618-264-6 (2013) • URL: <https://www.renewableenergy/>
- 2013a Poulikkas A., *Sustainable Energy Development for Cyprus*, Easy Conferences Ltd. Nicosia, ISBN: 978-9963-7355-3-2 (in Greek) (2013) • URL: <https://www.sustainableenergy/>
- 2009b Poulikkas A., *Introduction to Power Generation Technologies*, NOVA Science Publishers, Inc., New York, Hardcover ISBN: 978-1-60876-472-3, Ebook ISBN: 978-1-61728-525-7 (2009) • URL: <https://www.powertechnologies/>
- 2009a Poulikkas A., *The Cyprus Energy Future*, Theopress Ltd., Nicosia, ISBN: 978-9963-9599-4-5 (in Greek) (2009) • URL: <https://www.energyfuture/>

Refereed journal papers

- 2020 Nicolaidis P., Poulikkas A., “Enhanced Lagrange Relaxation for the optimal unit commitment of identical generating units”, *IET Generation, Transmission & Distribution*, 14, 3920-3928 (2020).
- 2019c Nicolaidis P., Chatzis S., Poulikkas A., “Optimal planning of electricity storage to minimize operating reserve requirements in an isolated island grid”, *Energy Systems*, to appear (2019).
- 2019b Nicolaidis P., Chatzis S., Poulikkas A., “Life cycle cost analysis of electricity storage facilities in flexible power systems”, *International Journal of Sustainable Energy*, 38, 752-772 (2019).
- 2019a Nicolaidis P., Chatzis S., Poulikkas A., “Renewable energy integration through optimal unit commitment and electricity storage in weak power networks”, *International Journal of Sustainable Energy*, 38, 398-414 (2019).
- 2018b Poulikkas A., “An adaptive longterm electricity price forecasting modelling using Monte Carlo simulation”, *Journal of Power Technologies*, 98, 277-283 (2018).
- 2018a Nicolaidis P., Poulikkas A., “Cost metrics of electrical energy storage technologies in potential power system operations”, *Sustainable Energy Technologies and Assessments*, 25, 43-59 (2018).
- 2017c Nicolaidis P., Poulikkas A., “A comparative review of electrical energy storage systems for better

- sustainability”, *Journal of Power Technologies*, 97, 220-245 (2017).
- 2017b Saghafifar M., Poullikkas A., “Comparative analysis of power augmentation in air bottoming cycles”, *International Journal of Sustainable Energy*, 36, 47-60 (2017).
- 2017a Nicolaidis P., Poullikkas A., “A comparative overview of hydrogen production processes”, *Renewable and Sustainable Energy Reviews*, 67, 597-611 (2017).
- 2016 Poullikkas A., “Modelling of auctioning mechanism for solar photovoltaic capacity”, *International Journal of Sustainable Energy*, 35, 875-886 (2016).
- 2015f Saghafifar M., Poullikkas A., “Thermo-economic optimization of air bottoming cycles”, *Journal of Power Technologies*, 95, 211-220 (2015).
- 2015e Al-Tajer Y., Poullikkas A., “Parametric analysis for the implementation of wind power in United Arab Emirates”, *Renewable and Sustainable Energy Reviews*, 52, 635-644 (2015).
- 2015d Poullikkas A., “Review of design, operating and financial considerations in flue gas desulphurization systems”, *Energy Technology & Policy*, 2, 92-103 (2015).
- 2015c Poullikkas A., “Quantifying energy not serve in power capacity expansion planning”, *Journal of Power Technologies*, 95, 25-33 (2015).
- 2015b Poullikkas A., Zueter A.F., Dirar M.H., “Prospective scenarios for the adoption of sustainable power generation technologies in United Arab Emirates”, *International Journal of Sustainable Energy*, 34, 23-37 (2015).
- 2015a Poullikkas A., “Sustainable options for electric vehicle technologies”, *Renewable and Sustainable Energy Reviews*, 41, 1277-1287 (2015).
- 2014b Poullikkas A., “Technology prospects of wave power systems”, *Electronic Journal of Energy and Environment*, 2, 47-69 (2014).
- 2014a Poullikkas A., Papadouris S., Kourtis G., Hadjipaschalis I., “Storage solutions for power quality problems in Cyprus’ electricity distribution network”, *AIMS Energy*, 2, 1-17 (2014).
- 2013m Poullikkas A., Gadalla M., “Assessment of solar electricity production in United Arab Emirates”, *International Journal of Sustainable Energy*, 32, 631-642 (2013).
- 2013l Poullikkas A., Kourtis G., Hadjipaschalis I., “Cost-benefit analysis for the installation of cogeneration CSP technology in Cyprus”, *AIMS Energy*, 1, 48-62 (2013).
- 2013k Poullikkas A., Kourtis G., Hadjipaschalis I., “A review of net metering mechanism for electricity renewable energy sources”, *International Journal of Energy and Environment*, 4, 975-1002 (2013).
- 2013j Poullikkas A., Grimes R., Walsh E., Hadjipaschalis I., Kourtis G., “Optimal sizing of modular air-cooled condensers for CSP plants”, *Journal of Power Technologies*, 93, 178-184 (2013).
- 2013i Poullikkas A., “An overview of future sustainable nuclear power reactors”, *International Journal of Energy and Environment*, 4, 743-776 (2013).
- 2013h Poullikkas A., “A comparative overview of large-scale battery systems for electricity storage”, *Renewable and Sustainable Energy Reviews*, 27, 778-788 (2013).
- 2013g Poullikkas A., Hadjipaschalis I., Kourtis G., “A comparative overview of wet and dry cooling systems for Rankine cycle based CSP plants”, *Trends in Heat & Mass Transfer*, 13, 27-50 (2013).
- 2013f Poullikkas A., Hadjipaschalis I., Kourtis G., “Comparative assessment of an innovative drycooled”, *Conference Papers in Energy*, Article ID 849407 (2013).
- 2013e Poullikkas A., Kourtis G., Hadjipaschalis I., “Up-scaling of an innovative cogeneration CSP”, *Conference Papers in Energy*, Article ID 496145 (2013).
- 2013d Varnavas C., Poullikkas A., “A measure of capacity contribution of static mono-si photovoltaic sys-

- tems”, *Conference Papers in Energy*, Article ID 526320 (2013).
- 2013c Poullikkas A., “Optimization analysis for pumped energy storage systems in small isolated power systems”, *Journal of Power Technologies*, 93, 78-89 (2013).
- 2013b Poullikkas A., “A comparative assessment of net metering and feed-in tariff schemes for residential PV systems”, *Sustainable Energy Technologies and Assessments*, 3, 1-8 (2013).
- 2013a Poullikkas A., Hadjipaschalis I., Kourtis G., “Parametric assessment of concentrated photovoltaic parks for the Mediterranean region”, *International Journal of Sustainable Energy*, 32, 42-52 (2013).
- 2012d Zachariadis T., Poullikkas A., “The costs of power outages: A case study for Cyprus”, *Energy Policy*, 51, 630-641 (2012).
- 2012c Poullikkas A., “Heat rate curve approximation for power plants without data measuring devices”, *International Journal of Energy and Environment*, 5, 651-658 (2012).
- 2012b Poullikkas A., Kourtis G., Hadjipaschalis I., “An overview of the EU Member States support schemes for the promotion of renewable energy sources”, *International Journal of Energy and Environment*, 4, 553-566 (2012).
- 2012a Poullikkas A., Rouvas C., Hadjipaschalis I., Kourtis G., “Optimum sizing of steam turbines for concentrated solar power plants”, *International Journal of Energy and Environment*, 3, 9-18 (2012).
- 2011c Tsikalakis A., Tomtsi T., Hatziargyriou N.D., Poullikkas A., Malamatenios Ch., Giakoumelos E., Cherkaoui J.O., Chenak A., Fayek A., Matar T., Yasin A., “Review of best practices of solar electricity resources applications in selected Middle East and North Africa (MENA) countries”, *Renewable and Sustainable Energy Reviews*, 15, 2838-2849 (2011).
- 2011b Poullikkas A., Kourtis G., Hadjipaschalis I., “A hybrid model for the optimum integration of renewable technologies in power generation systems”, *Energy Policy*, 39, 926-935 (2011).
- 2011a Kourtis G., Hadjipaschalis I., Poullikkas A., “An overview of load demand and price forecasting methodologies”, *International Journal of Energy and Environment*, 2, 123-150 (2011).
- 2010d Poullikkas A., Kourtis G., Hadjipaschalis I., “Parametric analysis for the installation of solar dish technologies in Mediterranean regions”, *Renewable and Sustainable Energy Reviews*, 14, 2772-2783 (2010).
- 2010c Poullikkas A., “An optimization model for the production of desalinated water using photovoltaic systems”, *Desalination*, 258, 100-105 (2010).
- 2010b Poullikkas A., “Technology and market future prospects of photovoltaic systems”, *International Journal of Energy and Environment*, 1, 617-634 (2010).
- 2010a Poullikkas A., Hadjipaschalis I., Kourtis G., “The cost of integration of parabolic trough CSP plants in isolated Mediterranean power systems”, *Renewable and Sustainable Energy Reviews*, 14, 1469-1476 (2010).
- 2009f Hadjipaschalis I., Kourtis G., Poullikkas A., “Assessment of oxyfuel power generation technologies”, *Renewable and Sustainable Energy Reviews*, 13, 2637-2644 (2009).
- 2009e Poullikkas A., “Economic analysis of power generation from parabolic trough solar thermal plants for the Mediterranean region-A case study for the island of Cyprus”, *Renewable and Sustainable Energy Reviews*, 13, 2474-2484 (2009).
- 2009d Poullikkas A., “Parametric cost-benefit analysis for the installation of photovoltaic parks in the island of Cyprus”, *Energy Policy*, 37, 3673-3680 (2009).
- 2009c Hadjipaschalis I., Poullikkas A., Efthimiou V., “Overview of current and future energy storage technologies for electric power applications”, *Renewable and Sustainable Energy Reviews*, 13, 1513-1522 (2009).

- 2009b Poullikkas A., "A decouple optimization method for power technology selection in competitive markets", *Energy Sources*, Part B, 4, 199-211 (2009).
- 2009a Poullikkas A., Hadjipaschalis I., Christou C., "The cost of integration of zero emission power plants- A case study for the island of Cyprus", *Energy Policy*, 37, 669-679 (2009).
- 2008b Christou C., Hadjipaschalis I., Poullikkas A., "Assessment of Integrated Gasification Combined Cycle technology competitiveness", *Renewable and Sustainable Energy Reviews*, 12, 2452-2464 (2008).
- 2008a Hadjipaschalis I., Christou C., Poullikkas A., "Assessment of future sustainable power technologies with carbon capture and storage", *International Journal of Emerging Electric Power Systems*, 9/1, Art. 5 (2008).
- 2007 Poullikkas A., "Implementation of distributed generation technologies in isolated power systems", *Renewable and Sustainable Energy Reviews*, 11, 30-56 (2007).
- 2006c Poullikkas A., "Implementation of MAST gas turbine technologies for large scale power generation", *Energy Sources*, Part A, 28, 1433-1446 (2006).
- 2006b Poullikkas A., Karageorghis A., Georgiou G., "The method of fundamental solutions for three-dimensional elastostatics", *Parallel Processing and Applied Mathematics*, 2328, 747-755 (2006).
- 2006a Karageorghis A., Poullikkas A., Berger J.R., "Stress intensity factor computation using the method of fundamental solutions", *Computational Mechanics*, 37, 445-454 (2006).
- 2005c Poullikkas A., "Operating cost and water economy of mixed air steam turbines", *Applied Thermal Engineering*, 25, 1949-1960 (2005).
- 2005b Poullikkas A., "An overview of current and future sustainable gas turbine technologies", *Renewable and Sustainable Energy Reviews*, 9, 409-443 (2005).
- 2005a Poullikkas A., "Technical and economic analysis for the integration of small reverse osmosis desalination plants into MAST gas turbine cycles for power generation", *Desalination*, 172, 145-150 (2005).
- 2004c Poullikkas A., Kellas A., "The use of sustainable combined cycle technologies in Cyprus: A case study for the use of LOTHECO cycle", *Renewable and Sustainable Energy Reviews*, 8, 521-544 (2004).
- 2004b Poullikkas A., "Parametric study for the penetration of combined cycle technologies into Cyprus power system", *Applied Thermal Engineering*, 24, 1675-1685 (2004).
- 2004a Poullikkas A., "Cost-benefit analysis for the use of additives in heavy fuel oil fired boilers", *Energy Conversion and Management*, 45, 1725-1734 (2004).
- 2003 Poullikkas A., "Effects of two-phase liquid-gas flow on the performance of nuclear reactor cooling pumps", *Progress in Nuclear Energy*, 42, 3-10 (2003).
- 2002 Poullikkas A., Karageorghis A., Georgiou G., "The method of fundamental solutions for three-dimensional elastostatics problems", *Computers and Structures*, 80, 365-370 (2002).
- 2001c Poullikkas A., "A technology selection algorithm for independent power producers", *The Electricity Journal*, 14/6, 80-84 (2001).
- 2001b Poullikkas A., Karageorghis A., Georgiou G., "The numerical solution of three dimensional Signorini problems with the method of fundamental solutions", *Engineering Analysis with Boundary Elements*, 25/3, 221-227 (2001).
- 2001a Poullikkas A., "Optimization algorithm for reverse osmosis desalination economics", *Desalination*, 133, 75-81 (2001).
- 2000 Poullikkas A., "Two phase flow performance of nuclear reactor cooling pumps", *Progress in Nuclear Energy*, 36, 123-130 (2000).
- 1999b Poullikkas A., "Compressibility and condensation effects when pumping gas-liquid mixtures", *Fluid*

- Dynamics Research*, 25, 57-62 (1999).
- 1999a Poullikkas A., Karageorghis A., Georgiou G., “The numerical solution of three dimensional Signorini problems”, *International Series on Advances in Boundary Elements*, 6, 729-738 (1999).
- 1998d Poullikkas A., Karageorghis A., Georgiou G., Ascough J., “The method of fundamental solutions for Stokes flows with a free surface”, *Numerical Methods for Partial Differential Equations*, 14, 667-678 (1998).
- 1998c Poullikkas A., Karageorghis A., Georgiou G., “The method of fundamental solutions for inhomogeneous elliptic problems”, *Computational Mechanics*, 22, 100-107 (1998).
- 1998b Poullikkas A., Karageorghis A., Georgiou G., “Methods of fundamental solutions for harmonic and biharmonic boundary value problems”, *Computational Mechanics*, 21, 416-423 (1998).
- 1998a Poullikkas A., Karageorghis A., Georgiou G., “The method of fundamental solutions for Signorini problems”, *IMA Journal of Numerical Analysis*, 18, 273-285 (1998).
- 1997 Georgiou G.C., Boudouvis A., Poullikkas A., “Comparison of two methods for the computation of singular solutions in elliptic problems”, *Journal of Computational and Applied Mathematics*, 79, 277-287 (1997).
- 1995 Poullikkas A., “Surface roughness effects on induced flow and frictional resistance of enclosed rotating discs”, *ASME Journal of Fluids Engineering*, 117, 526-528 (1995).

Book chapters

- 2020 Nikolaidis P., Poullikkas A., “Sustainable services to enhance flexibility in the upcoming smart grids”, Chapter 12 in *Sustaining Resources for Tomorrow*, Springer Nature, ISBN 978-3-030-27675-1, 245-274 (2020).
- 2019b Poullikkas A., “Cyprus’s challenges in the new energy era”, Chapter 3 in *Greece – Cyprus in New Energy Era*, IENE, ISBN 978-9-60999-403-3, 26-33 (2019).
- 2019a Nikolaidis P., Poullikkas A., “Secondary battery technologies: A static potential for power”, Chapter 9 in *Energy Generation and Efficiency Technologies for Green Residential Buildings*, The Institution of Engineering and Technology, ISBN 978-1-78561-948-9, 191-208 (2019).
- 2015 Poullikkas A., “The cost of large scale integration of sustainable power generation technologies in United Arab Emirates”, *Recent Advances in Environmental and Earth Sciences and Economics*, ISBN: 978-1-61804-324-5, 202-207 (2015).
- 2014 Poullikkas A., “Modelling of advanced promotion mechanisms for solar technologies : Net-metering and capacity auctioning schemes”, Chapter 6 in *Solar Power: Technologies, Environmental Impacts and Future Prospects*, NOVA Science Publishers, Inc., New York, ISBN: 978-1-63321-318-0 (2014).
- 2013 Fokaidis P., Poullikkas A., Christofides C., “Lost in the National Labyrinths of Bureaucracy: The Case of Renewable Energy Governance in Cyprus”, Chapter 10 in *Lecture Notes in Energy*, Volume 57, Renewable Energy Governance, Springer-Verlag, London, ISBN: 978-1-4471-5594-2, Ebook ISBN: 978-1-4471-5594-9 (2013).
- 2011 Poullikkas A., “Development of energy strategies and policies”, Chapter 21 in *Denmark-Cyprus*, En Tipis, Nicosia, ISBN 978-9963-691-71-5 (2011).
- 2008b Poullikkas A., “Optimization procedures for the selection of reverse osmosis desalination plants”, Chapter 16 in *Desalination Research Progress*, NOVA Science Publishers, Inc., New York, ISBN: 978-1-60456-567-6, 449-478 (2008).
- 2008a Poullikkas A., “Performance of nuclear reactor cooling pumps under two phase liquid-gas flow conditions”, Chapter 6 in *Nuclear Energy Research Progress*, NOVA Science Publishers, Inc., New

York, ISBN: 978-1-60456-365-8, 175-194 (2008).

Thesis

- 2010 Poullikkas A., *Higher Doctorate Degree at Loughborough University*, DTECH Thesis, Loughborough University (2010).
- 1997 Poullikkas A., *The Method of Fundamental Solutions for the solution of elliptic boundary value problems*, PhD Thesis, Loughborough University (1997).
- 1992 Poullikkas A., *Two-phase flow and cavitation in centrifugal pumps*, MPhil Thesis, Loughborough University of Technology (1992).
- 1991 Poullikkas A., *Disk friction study*, BENG Dissertation, Loughborough University of Technology (1991).

Manuals

- 2006 Poullikkas A., "IPP Algorithm v2.2, Software for power technology selection in competitive electricity markets (technical, economic and environmental analysis)", *User Manual*, ©2000-2018.
- 2004b Poullikkas A., "CAPSE algorithm, Optimization software for the short term calculation of electricity unit cost from power systems", *User Manual*, ©2002-2004.
- 2004a Poullikkas A., "CAROC algorithm, Optimization software for the calculation of water unit cost from reverse osmosis desalination plants", *User Manual*, ©1999-2004.

Conference proceedings editor

- 2013d Poullikkas A. (Editor), *Proceedings of the Conference on Power Options for the Eastern Mediterranean Region (POEM2013)*, Nicosia, Cyprus, Oct 7-8 (2013).
- 2013c Poullikkas A. (Editor), *Selected papers from the 4th International Conference on Renewable Energy and Sources and Energy Efficiency, International Journal of Sustainable Energy* (2013).
- 2013b Poullikkas A. (Editor), *Proceedings of the 4th International Conference on Renewable Energy and Sources and Energy Efficiency*, Nicosia, Cyprus, Jun 6-7 (2013).
- 2013a Poullikkas A. (Lead Editor), Demokritou P. (Editor), Sourkounis C. (Editor), Al-Assaf (Editor), *Selected papers from the Conference on Power Options for the Eastern Mediterranean Region, Conference Papers in Energy* (2013).
- 2012 Poullikkas A. (Editor), *Proceedings of the Conference on Power Options for the Eastern Mediterranean Region (POEM2012)*, Limassol, Cyprus, Nov 19-21 (2012).
- 2010 Poullikkas A. (Editor), *Proceedings of the 7th Mediterranean Conference and Exhibition on Power Generation, Transmission, Distribution and Energy Conversion (MedPower 2010)*, Ayia Napa, Cyprus, Nov 7-10 (2010).
- 2009 Poullikkas A. (Editor), *Proceedings of the Conference on the promotion of Distributed Renewable Energy Sources in the Mediterranean region*, Nicosia, Cyprus, Dec 11-12 (2009).
- 2008 Poullikkas A. (Editor), *Proceedings of the International Conference on Deregulated Electricity Market Issues in South-Eastern Europe*, Nicosia, Cyprus, Sep 22-23 (2008).

Publications in conference proceedings

- 2020 Nikolaides P.N., Fotiou S., Kasparis T., Poullikkas A., “Dynamic analysis of high-response storage systems to minimize the generation ramping requirements”, *Proceedings of the 12th Mediterranean Conference on Power Generation, Transmission, Distribution and Energy Conversion (MedPower 2020)* (2020).
- 2016 Spanias C.A., Nikolaides P.N., Lestas I.C., Poullikkas A., “Techno-economic analysis of the potential conversion of outdated Moni power plant to a large scale research facility”, *Proceedings of the 5th International Conference on Renewable Energy and Sources and Energy Efficiency* (2016).
- 2015 Poullikkas A., “The cost of large scale integration of sustainable power generation technologies in United Arab Emirates”, *Proceedings of the 19th International Conference on Circuits, Systems, Communications and Computers*, IEEE Conference Proceedings (2015).
- 2014c Poullikkas A., “Assessment of capacity auctioning mechanism for solar photovoltaic systems”, *Proceedings of the 9th Mediterranean Conference and Exhibition on Power Generation, Transmission, Distribution and Energy Conversion*, IET Conference Publications (2014).
- 2014b Poullikkas A., “The cost of integration of sustainable power generation technologies in the United Arab Emirates”, *Proceedings of the Second International Conference on Sustainable Systems and the Environment* (2014).
- 2013a Poullikkas A., Papadouris S., Kourtis G., Hadjipaschalis I., “Storage solutions for power quality problems of the distribution network”, *Proceedings of the 2nd Conference on Power Options for the Mediterranean Region* (2013).
- 2013d Poullikkas A., Kourtis G., Hadjipaschalis I., “Cost-benefit analysis for the installation of cogeneration CSP technology in Cyprus”, *Proceedings of the 2nd Conference on Power Options for the Mediterranean Region* (2013).
- 2013c Babu B.S., Orhan M., Poullikkas A., “Mitigation of Environmental Impact via an Integrated Hydrogen production system based on solar and nuclear energy sources in U.A.E.”, *Proceedings of the 4th International Conference on Renewable Energy and Sources and Energy Efficiency* (2013).
- 2013b Poullikkas A., Kourtis G., Hadjipaschalis I., “Comparative assessment of a large-scale cogeneration CSP system in Cyprus”, *Proceedings of the 4th International Conference on Renewable Energy and Sources and Energy Efficiency* (2013).
- 2013a Poullikkas A., Rouvas C., Kourtis G., Hadjipaschalis I., “Selection of optimum steam turbines parameters for CSP plants”, *Proceedings of the 4th International Conference on Renewable Energy and Sources and Energy Efficiency* (2013).
- 2012e Poullikkas A., Hadjipaschalis I., Kourtis G., “Comparative assessment of an innovative dry-cooled CSP system”, *Proceedings of the 1st Conference on Power Options for the Mediterranean Region* (2012).
- 2012d Poullikkas A., Kourtis G., Hadjipaschalis I., “Up-scaling of an innovative cogeneration CSP system”, *Proceedings of the 1st Conference on Power Options for the Mediterranean Region* (2012).
- 2012c Zachariades T., Poullikkas A., “Assessing the costs of power outages in a modern economy: A case study from Cyprus”, *Proceedings of the 1st Conference on Power Options for the Mediterranean Region* (2012).
- 2012b Varnavas C., Poullikkas A., “A measure of capacity contribution of static mono-Si photovoltaic systems”, *Proceedings of the 1st Conference on Power Options for the Mediterranean Region* (2012).
- 2012a Poullikkas A., Grimes R., Walsh E., Hadjipaschalis I., Kourtis G., “Optimization analysis of innovative modular air-cooled condensers for CSP plants”, *Proceedings of the 8th Mediterranean Conference and Exhibition on Power Generation, Transmission, Distribution and Energy Conversion*, IET Conference Publications (2012).

- 2011c Poullikkas A., Hadjipaschalis I., Kourtis G., “Techno-economic evaluation for a concentrated photovoltaic park in Cyprus”, *Proceedings of the 3rd International Conference on Renewable Energy and Sources and Energy Efficiency* (2011).
- 2011b Poullikkas A., Kourtis G., Hadjipaschalis I., “An overview of CSP cooling systems”, *Proceedings of the 3rd International Conference on Renewable Energy and Sources and Energy Efficiency* (2011).
- 2011a Poullikkas A., “An optimization model for the integration of renewable technologies in power generation systems”, *Proceedings of the World Renewable Energy Congress 2011* (2011).
- 2010c Poullikkas A., Kourtis G., Hadjipaschalis I., “Parametric comparative study for the installation of solar dish technologies in Cyprus”, *Proceedings of the 7th Mediterranean Conference and Exhibition on Power Generation, Transmission, Distribution and Energy Conversion*, IET Conference Publications (2010).
- 2010b Poullikkas A., Hadjipaschalis I., Kourtis G., “Techno-economic analysis of CSP plants for isolated Mediterranean power systems”, *Proceedings of the 7th Mediterranean Conference and Exhibition on Power Generation, Transmission, Distribution and Energy Conversion*, IET Conference Publications (2010).
- 2010a Hatziargyriou N., Tsikalakis A., Karfopoulos E., Tomtsi T., Karagiorgis G., Christodoulou C., Poullikkas A., “Evaluation of virtual power plant (VPP) operation based on actual measurements”, *Proceedings of the 7th Mediterranean Conference and Exhibition on Power Generation, Transmission, Distribution and Energy Conversion*, IET Conference Publications (2010).
- 2009h Kourtis G., Poullikkas A., Hadjipaschalis I., “Feasibility analysis for the installation of photovoltaic parks in Cyprus”, *Proceedings of the Conference on the promotion of Distributed Renewable Energy Sources in the Mediterranean region* (2009).
- 2009g Poullikkas A., Hadjipaschalis I., Kourtis G., “Assessment of power generation using parabolic trough solar thermal technology in Cyprus”, *Proceedings of the Conference on the promotion of Distributed Renewable Energy Sources in the Mediterranean region* (2009).
- 2009f Poullikkas A., Tsikalakis A., Hatziargyriou N., “Economic evaluation of low Photovoltaics (PV) penetration in island power systems, application to Cyprus”, *Proceedings of the Conference on the promotion of Distributed Renewable Energy Sources in the Mediterranean region* (2009).
- 2009e Christodoulou C.N., Karagiorgis G.N., Poullikkas A., Karagiorgis N., “Green Hydrogen Production, Purification and Storage from Renewable Energy Sources (RES) with the use of a Stand-Alone PV/Wind system”, *Proceedings of the Conference on the promotion of Distributed Renewable Energy Sources in the Mediterranean region* (2009).
- 2009d Poullikkas A., Hadjipaschalis Y., Efthimiou V., “Storage technologies for electric power applications”, *Proceedings of the Renewable Energy Sources and Energy Efficiency* (2009).
- 2009c Poullikkas A., Hadjipaschalis Y., Kourtis G., “Assessment of power generation using large scale photovoltaic technologies in Cyprus”, *Proceedings of the Renewable Energy Sources and Energy Efficiency* (2009).
- 2009b Poullikkas A., “Parametric cost-benefit analysis for the production of desalinated water using photovoltaics”, *Proceedings of the 9th Conference on alternative energy sources* (2009).
- 2009a Christodoulou C.N., Karagiorgis G.N., Poullikkas A., Karagiorgis N., “Green hydrogen production from renewable energy sources”, *Proceedings of the 9th Conference on alternative energy sources* (2009).
- 2008f Poullikkas A., Hadjipaschalis I., “Assessment of future sustainable natural gas combined cycle technologies”, *Proceedings of the 6th Mediterranean Conference on Power Generation, Transmission and Distribution* (2008).
- 2008e Menicou M., Christodoulou C., Karagiorgis G., Poullikkas A., “A Sustainable Green Hydrogen Pro-

- duction and Usage Cycle from Solar Thermal and PV Technologies”, *Proceedings of the International Conference on Deregulated Electricity Market Issues in South-Eastern Europe (DEMSEE2008)*, Paper ref No: 150 (2008).
- 2008d Hadjipaschalis I., Kourtis G., Poullikkas A., “A cost-benefit analysis on the use of oxyfuel combustion power plants”, *Proceedings of the International Conference on Deregulated Electricity Market Issues in South-Eastern Europe (DEMSEE2008)*, Paper ref No: 124 (2008).
- 2008c Hadjipaschalis I., Christou C., Poullikkas A., “Assessment of zero emission power plants using a decoupled optimization method”, *Proceedings of the International Conference on Deregulated Electricity Market Issues in South-Eastern Europe (DEMSEE2008)*, Paper ref No: 123 (2008).
- 2008b Giakoumelos E., Malamatenios C., Hadjipaschalis I., Kourtis G., Poullikkas A., “Energy policy development for the promotion of distributed generation technologies in the Mediterranean region”, *Proceedings of the International Conference on Deregulated Electricity Market Issues in South-Eastern Europe (DEMSEE2008)*, Paper ref No: 122 (2008).
- 2008a Christodoulou C.N., Karagiorgis G.N., Poullikkas A., Karagiorgis N., “Renewable Energy Sources (RES) electricity storage in the form of “green” hydrogen”, *Proceedings of the International Conference on Deregulated Electricity Market Issues in South-Eastern Europe (DEMSEE2008)*, Paper ref No: 116 (2008).
- 2007g Kouyialis N., Poullikkas A., “Assessment of future sustainable natural gas combined cycle technologies”, *Proceedings of the 16th International Electrotechnical and Computer Science Conference (2007)*.
- 2007f Christou C., Hadjipaschalis I., Poullikkas A., “Promotion of renewable distributed generation technologies in the Mediterranean region - The DISTRES project”, *Proceedings of the Renewable Energy Sources and Energy Efficiency (2007)*.
- 2007e Tsikalakis A., Hatzigiorgiou N., Poullikkas A., “Impact of wind power installations on the operation of the Cyprus power system using probabilistic analysis”, *Proceedings of the Renewable Energy Sources and Energy Efficiency (2007)*.
- 2007d Christodoulou C., Karagiorgis G., Poullikkas A., Karagiorgis N., Hatzigiorgiou N., “Green electricity production by a grid-connected H₂/fuel cell in Cyprus”, *Proceedings of the Renewable Energy Sources and Energy Efficiency (2007)*.
- 2007c Hadjipaschalis I., Christou C., Poullikkas A., “A case study for the use of HYPOGEN plants in the European Union future power system”, *Proceedings of the Renewable Energy Sources and Energy Efficiency (2007)*.
- 2007b Poullikkas A., “Technological developments in renewable energy sources and the role of the Electricity Authority of Cyprus”, *Proceedings of the Renewable Energy Sources and Energy Efficiency (2007)*.
- 2007a Christou C., Hadjipaschalis I., Poullikkas A., “Parametric cost-benefit analysis of Integrated Gasification Combined Cycle technology”, *Proceedings of the Third International Conference on Clean Coal Technologies for our Future*, International Energy Agency (2007).
- 2006b Poullikkas A., “A decoupled optimization method for power technology selection in competitive electricity markets”, *Proceedings of the 5th Mediterranean Conference on Power Generation, Transmission and Distribution (2006)*.
- 2006a Poullikkas A., “A cost-benefit analysis for large scale implementation of MAST gas turbine technologies”, *Proceedings of 3rd International Conference on the future of gas turbine technology*, Paper ID Number S3 T1 / 2 Poullikkas (2006).
- 2005c Lymberopoulos N., Varkaraki E., Zoulias E.I., Kalyvas E., Christodoulou C., Karageorgis G.N., Stolzenburg K., Poullikkas A., “Hydrogen: an alternative product for wind park developers”, *Pro-*

- ceedings of *International Hydrogen Energy Congress* (2005).
- 2005b Poullikkas A., "The development of Cyprus electricity industry and prospects for the improvements of its environmental indicators", *Proceedings of the International Conference on Management, Policy and Environmental Technology* (2005).
- 2005a Poullikkas A., "A parametric cost-benefit analysis for the use of distributed generation technologies in the island of Cyprus", *Proceedings of CIGRE Symposium on Power Systems with Disperse Generation* (2005).
- 2004g Poullikkas A., "A cost - benefit analysis of water consumption in mixed air steam turbine technologies", *Proceedings of the 4rd Mediterranean Conference on Power Generation, Transmission, Distribution and Energy Conversion* (2004).
- 2004f Lymberopoulos N., Zoulias E.I., Varkaraki E., Kalyvas E., Christodoulou C., Karageorgis G.N., Stolzenburg K., Poullikkas A., "Hydrogen as an alternative product for wind park developers", *Proceedings of the 4rd Mediterranean Conference on Power Generation, Transmission, Distribution and Energy Conversion* (2004).
- 2004e Christodoulou C., Karagiorgis G., Menikou M., Karagiorgis N., Poullikkas A., "Metal Hydrides and Hydrogen Storage Systems: On-going activities in the island of Cyprus", *Proceedings of the Workshop on Mapping European Knowledge on Hydrogen Storage* (2004).
- 2004d Christodoulou C., Karageorgis G.N., Menikou M., Karageorgis N., Poullikkas A., Lymberopoulos N., Zoulias E.I., Varkaraki E., Bozukov L., "Hydrogen storage in LaNi₅ metallic hydrates", *Proceedings of the 1st National Conference on Hydrogen Technologies* (2004).
- 2004c Christodoulou C., Karagiorgis G., Menikou M., Karagiorgis N., Poullikkas A., "Green hydrogen production, storage and H₂/fuel cell electricity production: On going projects in the island of Cyprus", *Proceedings of International Conference RES for islands* (2004).
- 2004b Kakaras E., Leithner R., Doukelis A., Giannakopoulos D., Koumanakos A., Aronis N., Poullikkas A., "CO₂ sequestration of the combined cycle power plant with integrated low temperature heat", *Proceedings of the Second International Conference on Industrial Gas Turbine Technologies* (2004).
- 2004a Poullikkas A., "A review of current and future gas turbine technologies", *Proceedings of the Second International Conference on Industrial Gas Turbine Technologies* (2004).
- 2003 Poullikkas A., "Parametric study for the penetration of combined cycle technologies into Cyprus power system", *Proceedings of the First International Conference on Industrial Gas Turbine Technologies* (2003).
- 2002 Kellas A., Poullikkas A., "Cyprus future generation system", *Proceedings of the 3rd Mediterranean Conference on Power Generation, Transmission, Distribution and Energy Conversion* (2002).
- 2000b Poullikkas A., Karageorghis A., Georgiou G., "The method of fundamental solutions in three-dimensional elastostatics", *Proceedings of the 4th International Conference on Parallel Processing and Applied Mathematics*, LNCS 2328, 747-755 (2002).
- 2000a Poullikkas A., "Effects of entrained air on the performance of nuclear reactor cooling pumps", *Proceedings of the 10th Mediterranean Electrotechnical Conference*, 3, 1028-1031 (2000).
- 1999c Poullikkas A., Karageorghis A., Georgiou G., "The method of fundamental solutions for three-dimensional Signorini problems", *Boundary Elements XXI, Proceedings of the 21st World Conference on the Boundary Element Method*, WIT Press, C.A. Brebia and H. Power (Eds.), 729-738 (1999).
- 1999b Poullikkas A., Karageorghis A., Georgiou G., "The method of fundamental solutions for the solution of three-dimensional Signorini problems", *Proceedings of the 3rd Greek National Congress on Computational Mechanics*, N. Aravas and J.T. Katsikadelis (Eds.), 351-358 (1999).
- 1999a Poullikkas A., Karageorghis A., Georgiou G., "The method of fundamental solutions for three-

- dimensional Signorini problems”, *Proceedings of the 13th International Conference on Boundary Element Technology*, Las Vegas, USA, June 8-10 (1999).
- 1998 Poullikkas A., “Two phase flow pump modeling for nuclear power safety analysis”, *Proceedings of the 1st Mediterranean Conference on Power Generation, Transmission and Distribution* (1998).
- 1997 Poullikkas A., Karageorghis A., Georgiou G., “The method of fundamental solutions for free surface flow problems”, *Fundamental Solutions in Boundary Elements: Formulation and Integration*, F.G. Benitez (Ed.), 253-263 (1997).
- 1996 Poullikkas A., Karageorghis A., Georgiou G., “The method of fundamental solutions for the solution of elliptic problems”, *Proceedings of the 2nd Greek National Congress on Computational Mechanics*, D.A. Sotiropoulos and D.E. Beskos (Eds.), 866-873 (1996).
- 1995 Georgiou G.C., Poullikkas A., Crochet M., “On the stability of the shear flow of an Oldroyd-B fluid with non-linear slip along the fixed wall”, *Proceedings of the 4th Greek National Congress on Mechanics*, Vol. II, P.S. Theocaris and E.E. Gdoutos (Eds.), 793-800 (1995).

Invited lectures and seminars

- 2021b “Long-term energy strategy for Cyprus”, *Top Kinisis Virtual Discussions*, Nicosia, Cyprus, 19 Jan 2021.
- 2021a “Cyprus’ strategies towards hydrogen economy”, *Institute of Alternative Policies ENA*, Athens, Greece, 18 Jan 2021.
- 2020e “Cyprus’ strategies towards decarbonization”, *2nd CSP4Climate International Conference*, Nicosia, Cyprus, 15-17 Dec 2020.
- 2020d “Energy regulatory regime towards 2050”, *8th Energy Symposium*, Nicosia, Cyprus, 15 Dec 2020.
- 2020c “Sustainable Cyprus 2050” *12th Mediterranean Conference on Power Generation, Transmission, Distribution and Energy Conversion (MedPower 2020)*, Paphos, Cyprus, Nov 9-12 (2020).
- 2020b “Energy transition towards 2050”, *Sustaining Tomorrow 2020 Symposium and Industry Summit*, University of Windsor, Windsor, Ontario, Canada, 18-19 Jun 2020.
- 2020a “Future challenges for SE Mediterranean region natural gas reserves”, *Athens Energy Dialogues 2020*, Athens, Greece, 23-24 Jan 2020.
- 2019k “Challenges and strategies for electricity and natural gas markets”, *7th Energy Symposium*, Nicosia, Cyprus, 5 Dec 2019.
- 2019j “Regulation of electricity and natural gas markets in Cyprus”, *IET lecture series*, Nicosia, Cyprus, 26 Nov 2019.
- 2019i “The Cyprus Energy System: Long-term Transformation and SE Mediterranean Cooperation”, *KAS-AIES Round-table Conference: A Mediterranean Energy Hub and the Commercialization of Energy Resources in Cyprus: Challenges and Opportunities*, Austrian Institute for European and Security Policy (AIES), Vienna, Austria, 29-31 Oct 2019.
- 2019h “Strategies towards clean energy for islands”, *European Forum on Clean Energy for Islands*, Rhodes, Greece, 3-4 Oct 2019.
- 2019g “Large Scale Integration of Renewable Energy Systems into Electricity Markets”, *6th International Conference on Energy, Sustainability and Climate Change (ESCC2019)*, Crete, Greece, 3-7 Jun 2019.
- 2019f “Future technologies for sustainable energy systems”, *4th Annual Symposium of the Hellenic Association for Energy Economics*, Athens, Greece, 6-8 May 2019.
- 2019e “Energy challenges towards 2050 – The case of Cyprus”, *Cyprus Branch of the I.C.E. and the I.Mech.E.*

- of U.K., Nicosia, Cyprus, 20 Mar 2019.
- 2019d “Development of future sustainable energy systems and strategies towards 2050”, *International Conference on Innovative Applied Energy (IAPE’19)*, Oxford, UK, 14-15 Mar 2019.
- 2019c “Future Sustainable Energy Systems Towards 2050”, *Global Summit on Power & Energy Engineering*, Dubai, UAE, 18–20 Feb 2019.
- 2019b “Exploiting energy resources to enhance cooperation and prosperity in the Southeast Mediterranean region”, *1st Tripartite Meeting of the Presidents of the Parliaments of Cyprus, Greece, Egypt*, Nicosia, Cyprus, 11 Feb 2019.
- 2019a “Natural gas strategies for sustainable energy systems”, *The New York Times Athens Energy Forum 2019*, Athens, Greece, 28–29 Jan 2019.
- 2018j “Natural gas challenges towards sustainable energy systems”, *6th Energy Symposium*, Nicosia, Cyprus, 4 Dec 2018.
- 2018i “Large scale integration of renewable energy systems into electricity market”, *International Conference on the Decarbonisation of the Energy Sector in the Mediterranean Region and Middle East – The Role of CSP*, Nicosia, Cyprus, 29 Nov – 1 Dec 2018.
- 2018h “Energy regulatory challenges towards 2050”, *Nicosia Risk Forum 2018*, Nicosia, Cyprus, 14 Nov 2018.
- 2018g “Development of energy strategies for sustainable future”, *6th International Conference on Renewable Energy Sources and Energy Efficiency – New Challenges (RESEE 2018)*, Nicosia, Cyprus, 1–2 Nov 2018.
- 2018f “Moving towards new energy era”, *5th International Conference on Energy, Sustainability and Climate Change (ESCC2018)*, Mykonos, Greece, 4–6 Jun 2018.
- 2018e “Electricity market and prices in Cyprus”, *Investment and Investment Finance: The Cypriot Case*, European Investment Bank and Nicosia Chamber of Commerce and Industry, Nicosia, Cyprus, 31 May 2018.
- 2018d “The role of natural gas towards sustainable energy systems”, *9th Mediterranean Oil & Gas Forum*, Nicosia, Cyprus, 27–28 Mar 2018.
- 2018c “Electricity market – The EU Winter Package”, *European Union – Latest developments*, Cyprus University of Technology, Limassol, Cyprus, 23 Mar 2018.
- 2018b “Electricity markets complexities”, *Energy Forum*, Frederick University, Nicosia, Cyprus, 21 Mar 2018.
- 2018a “EU energy strategies towards sustainable energy systems”, *The future of energy – EU and UAE cases*, Rochester Institute of Technology, Dubai, UAE, 6 Feb 2018.
- 2017h “Integration of renewable energy technologies in the future energy systems”, *XIII Research & Development in Power Engineering Conference (RDPE 2017)*, Warsaw, Poland, 28 Nov–1 Dec 2017.
- 2017g “Energy regulatory challenges”, *5th Energy Symposium*, Nicosia, Cyprus, 1 Nov 2017.
- 2017f “Future sustainable energy systems – moving towards 2050”, *52nd International Universities’ Power Engineering Conference (UPEC 2017)*, Crete, Greece, 28–31 Aug 2017.
- 2017e “EU 2050 energy strategy towards sustainable energy systems”, *4th International Conference on Energy, Sustainability and Climate Change (ESCC2017)*, Santorini, Greece, 12–14 Jun 2017.
- 2017d “Towards the new energy era – Challenges for the electricity market”, *Institute of Environment & Sustainable Development and Frederick University*, Nicosia, Cyprus, 6 Apr 2017.
- 2017c “Future sustainable EU energy systems and the case of Cyprus”, *8th Mediterranean Oil & Gas Forum*, Nicosia, Cyprus, 1–2 Feb 2017.

- 2017b “Fundamentals of electricity systems and economics”, *Cyprus Employers and Industrialists Federation*, Nicosia, Cyprus, 8 Feb 2017.
- “Fundamentals of electricity systems and economics”, *IET lecture series*, Paphos, Cyprus, 4 Feb 2017.
- 2016h “Towards sustainable energy systems”, *Energy Developments and Lessons for Cyprus*, University of Nicosia, Nicosia, 5 Dec 2016.
- 2016g “Towards the new energy era”, *European Representation in Cyprus*, Nicosia, Cyprus, 20 Oct 2016
- 2016f “Future energy systems - Challenges and required actions”, *House of Representatives, Cyprus Government*, Nicosia, Cyprus, 20 Sep 2016.
- 2016e “Renewable and sustainable energy futures”, *5th International Conference on Renewable Energy and Sources and Energy Efficiency*, Nicosia, Cyprus, 5–6 May 2016.
- 2016d “Fundamentals of electricity systems and economics”, *IET lecture series*, Nicosia, Cyprus, 13 Apr 2016.
- 2016c “The future sustainable energy systems”, *Cyprus University of Technology*, Limassol, Cyprus, 12 Apr 2016.
- 2016b “Sustainable energy futures”, *Cyprus Institute CCCI Training programme on Concentrated Solar Energy Systems, Multi-Generation Plants and Further Applications*, Nicosia Cyprus, 11 Apr 2016.
- 2016a “The future energy systems”, *DHKO*, Limassol, Cyprus, 13 Feb 2016.
- 2015d “The future European energy system”, *Deloitte*, Nicosia, Cyprus, 5 Jun 2015.
- 2015c “The renewable energy sources potential for power generation in Cyprus”, *Cyprus-Russia Business and Investment Forum*, Limassol, Cyprus, 20 March 2015. “The future sustainable energy systems”, *Rotary Club of Limassol*, Limassol, Cyprus, 4 Mar 2015.
- 2015a “The future European energy system - Targeting towards 2030”, *Europe Direct*, Limassol, Cyprus, 10 Feb 2015.
- 2014c “Renewable energy strategies for sustainable development in isolated systems”, *9th Mediterranean Conference and Exhibition on Power Generation, Transmission Energy and Distribution (MedPower 2014)*, Athens, Greece, 2–5 Nov 2014.
- 2014b “The development of Cyprus’s strategic plan for RES-E promotion: From feed-in-tariffs to net-metering and auctioning supporting schemes”, *9th International Conference on Deregulated Electricity Market Issues in South-Eastern Europe (DEMSEE2014)*, Nicosia, Cyprus, 25-26 Sep 2014.
- 2014a “Integration of sustainable power generation technologies in United Arab Emirates”, *IET lecture series*, Nicosia, Cyprus, 22 Jan 2014.
- 2013d “Cyprus strategic plan for the integration of renewable energy sources”, *Frederick University*, Nicosia, Cyprus, 21 Jun 2013.
- 2013c “Strategies for solar technologies integration in UAE power system”, *Cyprus Institute*, Nicosia, Cyprus, 13 Jun 2013.
- 2013b “Photovoltaics versus concentrated solar power for high solar potential regions” *4th International Conference on Renewable Energy and Sources and Energy Efficiency*, Nicosia, Cyprus, 6–7 Jun 2013.
- 2013a “Introduction to technical and economic analysis of solar power plants”, *American Society of Mechanical Engineers*, Sharjah, UAE, 17 Apr 2013.
- 2012d “Future sustainable power generation technologies - Carbon capture and storage and renewable energy sources”, *American University of Sharjah*, UAE, 18 Oct 2012.
- 2012c “Sustainable Energy Policy in the EU”, *Workshop on Wave Energy Potential in the Eastern Mediterranean Sea, Quantification and Exploitation*, Nicosia, 9 Jul 2012.

- 2012b “Energy strategies for Cyprus”, *Institute of Technical Graduates*, Limassol, Cyprus, 25 May 2012.
- 2012a “EU energy policy - Strategies for renewable energy sources in Cyprus”, *Cyprus Union of Physicist*, Nicosia, Cyprus, 4 Feb 2012.
- 2011j “Long term energy strategy and power economics”, *IET lecture series*, Paphos, Cyprus, 3 Dec 2011.
- 2011i “Long term energy strategy and power economics”, *IET lecture series*, Nicosia, Cyprus, 7 Nov 2011.
- 2011h “Future sustainable power generation technologies”, *Workshop on Energy Issues facing Cyprus*, Nicosia, Cyprus, Oct 14 (2011).
- 2011g “Cyprus energy situation and future prospects”, *Cyprus Employers and Industrialists Federation*, Nicosia, Cyprus, 5 May 2011.
- 2011f “European energy policy - Future sustainable power generation technologies”, *Institute of Technical Graduates*, Limassol, Cyprus, 13 Apr 2011.
- 2011e “Future energy systems and renewable energy sources technological developments”, *Department of Environmental Management, Cyprus University of Technology*, Limassol, Cyprus, 6 Apr 2011.
- 2011d “Cyprus power system and future developments”, *Association of Scottish Visitor Attractions*, Nicosia, Cyprus, 31 Mar 2011.
- 2011c “Future energy systems and Cyprus energy challenges”, *Department of Mechanical Engineering, Cyprus University of Technology*, Limassol, Cyprus, 24 Mar 2011.
- 2011b “Climate change challenges for power generation in Cyprus”, *Cyprus Union of Physicist*, Nicosia, Cyprus, 26 Feb 2011.
- 2011a “Future sustainable energy systems”, *Free University Lecture Series*, Nicosia, Cyprus, 24 Feb 2011.
- 2010d “Future energy systems”, *Workshop on Cyprus Energy Challenges*, Limassol, Cyprus, 11 Nov 2010.
- 2010c “Optimum large scale integration of renewable technologies in power generation systems”, *7th Mediterranean Conference and Exhibition on Power Generation, Transmission, Distribution and Energy Conversion*, Ayia Napa, Cyprus, 7-10 Nov 2010.
- 2010b “Strategies for power generation in Cyprus”, *Workshop on Co-generation of electricity and desalinated water from CSP*, Nicosia, Cyprus, 23 Jun 2010.
- 2010a “The Strategic Role of R&D in Electric Utilities”, *EURELECTRIC Conference on the Role of Research & Development in Electric Utilities*, Brussels, Belgium, 12 May 2010.
- 2009g “Future sustainable energy systems”, *Conference on the promotion of Distributed Renewable Energy Sources in the Mediterranean region*, Nicosia, Cyprus, 11-12 Dec 2009.
- 2009f “2050 energy challenges”, *Energy Workshop*, Nicosia, Cyprus, 19 Nov 2009.
- 2009e “EU energy policy”, *Workshop on Solar thermal and photovoltaic electricity market in EU and Mediterranean countries*, Beirut, Lebanon, Jun 19 (2009).
- 2009d “Integration of future energy systems in Cyprus”, *Conference on renewable energy sources, policies and applications in Cyprus*, Nicosia, Cyprus, 15 Jun 2009.
- 2009c “The role of renewable in the future European energy system”, *Workshop on Education, Culture and Environment*, Larnaca, Cyprus, 6 May 2009.
- 2009b “Sustainable electrical systems-The challenge for the Electricity Authority of Cyprus”, *Workshop on the European policy on energy and climate change, European Commission*, Nicosia, Cyprus, 12 Feb 2009.
- 2009a “Power generation technologies - Present and future developments”, *Electricity Authority of Cyprus*, 14 Jan 2009.
- 2008i “EU energy policy and the challenges for EAC”, *EXPLORER conference*, Nicosia, Cyprus, 21 Dec

- 2008.
- 2008h “EU energy policy”, *Workshop on the solar thermal and photovoltaic market financing schemes in EU and Mediterranean countries*, Algiers, Algeria, 17 Dec 2008.
- 2008g “Towards the future sustainable electric utilities” *6th Mediterranean Conference on Power Generation, Transmission and Distribution*, Thessaloniki, Greece, Nov 2-5 (2008).
- 2008f “Future power systems and technological developments”, *Workshop on 21st Century Energy Policies*, Nicosia, Cyprus, 29 Oct 2008.
- 2008e “Future power systems and technological developments”, *Workshop on 21st Century Energy Policies*, Limassol, Cyprus, 25 Jun 2008.
- 2008d “EU energy policy”, *Workshop on the current RES policies within EU and Mediterranean countries*, Marrakech, Morocco, 5 Jun 2008.
- 2008c “Energy policy for Europe”, *Energy Workshop*, Limassol, Cyprus, 31 May 2008.
- 2008b “The recent EU energy policy and the challenges for Cyprus”, *STORIES Workshop*, Nicosia, Cyprus, 8 May 2008.
- 2008a “The challenges for EAC resulting from the EU energy package”, *Workshop on Electricity*, Nicosia, Cyprus, 1 Mar 2008.
- 2007g “The EU energy package-EAC R&D activities”, *Cyprus Electricity Research and Development 2007 Workshop*, Nicosia, Cyprus, 17 Dec 2007.
- 2007f “The importance of tools and methodologies for expansion capacity planning”, *European Workshop on Power generation expansion planning*, European Commission, Institute for Energy, Nicosia, Cyprus, 22 Nov 2007.
- 2007e “The new EU energy package”, *Electricity Authority of Cyprus*, 2 Oct 2007.
- 2007d “Technological developments in renewable energy sources and the role of the Electricity Authority of Cyprus”, *Keynote Lecture, Renewable Energy Sources and Energy Efficiency*, Nicosia, 29 Sep 2007.
- 2007c “The EU 2007 energy package and prospects for the improvements of Cyprus environmental indicators”, *10th Quality Forum*, Nicosia, Cyprus, 26 Sep 2007.
- 2007b “EAC power system and research activities”, *Opening presentation, 16th Advisory Council of the European Technology Platform for the Electricity Networks of the Future*, Larnaca, 16 Sep 2007.
- 2007a “Renewable energy sources and distributed generation technologies”, *The European Union Policy for the Future Power Systems*, Nicosia, 13 Feb 2007.
- 2006d “Technological and economic prospects of electricity from wave and tidal energy, wind energy, biomass, solar thermal and photovoltaics”, *1st EURELECTRIC seminar on small/medium sized island electricity systems*, Limassol, 24 Oct 2006.
- 2006c “Electricity Authority of Cyprus RTD activities”, *Electricity Authority of Cyprus*, 21 Mar 2006.
- 2006b “Distributed generation research projects in Cyprus”, *IEE lecture series*, 28 Feb 2006.
- 2006a “Unit commitment modeling and approaches”, *Electricity Authority of Cyprus*, 28 Feb 2006.
- 2005f “Technical, economic and environmental analysis of future sustainable gas turbine technologies”, *IEE lecture series*, 8 Dec 2005.
- 2005e “Renewable Distributed Generation technologies; Technical, economic and environmental analysis”, *IEE lecture series*, 26 Nov 2005.
- 2005d “Gas turbine technologies-Present and future developments”, *Electricity Authority of Cyprus*, 23 Nov 2005.
- 2005c “Power industry development in Cyprus and ways for improvement”, *Electricity Authority of Cyprus*,

30 Aug 2005.

- 2005b “The development of Cyprus electricity industry and prospects for the improvements of its environmental indicators”, *1st International Conference on Management, Policy and Environmental Technology*, 29 Jun 2005.
- 2005a “EAC status and Research Activities”, *EU-DEEP Project Review Meeting*, 8 Apr 2005.
- 2004c “EAC Research and Technological Development Activities”, *Cyprus International Institute for the Environment and Public Health in association with Harvard School of Public Health, USA*, 1 Dec 2004.
- 2004b “Technical and economic analysis of distributed generation systems”, *Electricity Authority of Cyprus*, 19 Nov 2004.
- 2004a “Power generation technologies, fuel options and renewable energy sources”, *Department of Electrical & Computer Engineering, University of Cyprus*, 6 Feb 2004.

Papers in Greek and Cyprus scientific and technical journals

- 2017 Poullikkas A., “The economics of electricity markets”, *Accountancy Cyprus*, 126, 56-58 (2017).
- 2016b Poullikkas A., “Effective Energy Regulation”, *Accountancy Cyprus*, 124, 100-102 (2016).
- 2016a Poullikkas A., “From the ‘camel curve’ to the ‘duck curve’ on electric systems with increasing solar power”, *Accountancy Cyprus*, 122, 46-47 (2016).
- 2015d Poullikkas A., “Electricity demand flexibility-“flexiwatts” could change how energy is consumed”, *Accountancy Cyprus*, 120, 51 (2015).
- 2015c Poullikkas A., “Liberalisation and privatisation of the electricity sector in EU-Part B”, *Accountancy Cyprus*, 119, 72-73 (2015).
- 2015b Poullikkas A., “Renewable energy strategies for sustainable development in Cyprus”, *Cyprus Energy: The new ERA, EuroKerdos*, Jun, 22 (2015).
- 2015a Poullikkas A., “Liberalisation and privatisation of the electricity sector in EU-Part A”, *Accountancy Cyprus*, 118, 62-63 (2015).
- 2014b Poullikkas A., “EU energy policy towards 2030”, *Accountancy Cyprus*, 117, 63 (2014).
- 2014a Poullikkas A., “Renewable energy strategies for sustainable development in Cyprus”, *Accountancy Cyprus*, 116, 62 (2014).
- 2013c Poullikkas A., “Energy and Geopolitics in the South East Mediterranean region”, *Accountancy Cyprus*, 113, 60-61 (2013).
- 2013b Poullikkas A., “The use of batteries for large scale electricity storage”, *Accountancy Cyprus*, 112, 64-65 (2013).
- 2013a Poullikkas A., “The meanings of natural monopoly and of the electricity sector restructuring”, *Accountancy Cyprus*, 110, 84-85 (2013).
- 2012d Poullikkas A., “The use of pumped hydroelectric energy storage systems for the large scale integration of renewable energy sources”, *Accountancy Cyprus*, 109, 94-96 (2012).
- 2012c Poullikkas A., “The net-metering supporting scheme for the promotion of photovoltaic installations”, *Accountancy Cyprus*, 108, 80-81 (2012).
- 2012b Poullikkas A., “The strategic role of renewable energy sources in the EU”, *Accountancy Cyprus*, 107, 95-97 (2012).
- 2012a Poullikkas A., “Sustainable electric vehicles for transportation”, *Accountancy Cyprus*, 106, 109 (2012).
- 2011d Poullikkas A., “Future sustainable energy sources”, *Accountancy Cyprus*, 105, 85-86 (2011).

- 2011c Poullikkas A., "Integrated energy policy for Cyprus", *Accountancy Cyprus*, 104, 62 (2011).
- 2011b Poullikkas A., "Desalination water production cost using photovoltaics", *Accountancy Cyprus*, 103, 115-116 (2011).
- 2011a Poullikkas A., "Electricity generation cost in isolated power systems", *Accountancy Cyprus*, 102, 104-105 (2011).
- 2010b Poullikkas A., "The cost of integration of renewable energy sources", *Accountancy Cyprus*, 101, 100-101 (2010).
- 2010a Poullikkas A., "The role of Cyprus in the Mediterranean solar plan", *Accountancy Cyprus*, 100, 62-63 (2010).
- 2009 Poullikkas A., "The use of photovoltaics for the production of desalinated water", *Σύγχρονη Τεχνική Επιθεώρηση*, 7, 18-22 (in Greek) (2009).
- 2005c Poullikkas A., "An adaptive numerical method for heat rate curve approximation: Application to power plants without data measuring devices", *The Cyprus Journal of Science and Technology*, 4/4, 5-12 (2005).
- 2005b Poullikkas A., Christodoulou C., Karagiorgis G., "Overview of wind energy and available technologies", *The Cyprus Journal of Science and Technology*, 4/4, 13-27 (2005).
- 2005a Christodoulou C., Karagiorgis G., Poullikkas A., Lymberopoulos N., Varkaraki E., "A review of hydrogen storage technologies", *The Cyprus Journal of Science and Technology*, 4/3, 72-144 (2005).
- 2004 Poullikkas A., Kellas A., Christodoulou C., Karagiorgis G., "Cost-benefit analysis of LOTHECO combined cycle power plants", *The Cyprus Journal of Science and Technology*, 4/1, 28-51 (2004).
- 2001 Poullikkas A., "Fouling mechanism of heavy fuel oil fired boilers", *The Cyprus Journal of Science and Technology*, 3/2, 81-88 (2001).
- 1999 Poullikkas A., Kellas A., "Power generation using conventional fuels", *The Cyprus Journal of Science and Technology*, 2/3, 53-64 (1999).
- 1998 Poullikkas A., "Effects of air/water two phase flow on the performance of centrifugal pumps", *The Cyprus Journal of Science and Technology*, 1/4, 89-110 (1998).
- 1997 Poullikkas A., "A least squares method for electric load forecasting", *The Cyprus Journal of Science and Technology*, 1/3, 105-108 (1997).
- 1996 Poullikkas A., "A model for pumping two phase mixtures", *The Cyprus Journal of Science and Technology*, 1/2, 103-120 (1996).
- 1995b Poullikkas A., "A survey on the component wear effect of two phase solid-liquid pumping", *Mechanical News*, 16, 6-7 (1995).
- 1995a Poullikkas A., "A review of multiphase flow and two phase pumping", *Mechanical News*, 15, 6-20 (1995).
- 1993c Poullikkas A., "Experimental study on cavitation in centrifugal pumps", *Mechanical News*, 8, 25-28 (1993).
- 1993b Poullikkas A., "Cavitation in hydraulic machinery-Part 2", *Mechanical News*, 7, 20-22 (1993).
- 1993a Poullikkas A., "Cavitation in hydraulic machinery-Part 1", *Mechanical News*, 6, 37-40 (1993).
- 1992b Poullikkas A., "Cavitation review", *Mechanical News*, 5, 31-34 (1992).
- 1992a Poullikkas A., "Disc friction losses in centrifugal machinery", *Technical World*, 10, 49-55 (1992).
- 1991 Poullikkas A., "Recycling of packaging materials", *Technical World*, 5, 71-75 (1991).

Conference presentations

- 2020 Nikolaides P.N., Fotiou S., Kasparis T., Poullikkas A., “Dynamic analysis of high-response storage systems to minimize the generation ramping requirements”, *12th Mediterranean Conference on Power Generation, Transmission, Distribution and Energy Conversion (MedPower 2020)*, Paphos, Cyprus, Nov 9–12 (2020).
- 2016 Spanias C.A., Nikolaides P.N., Lestas I.C., Poullikkas A., “Techno-economic analysis of the potential conversion of outdated Moni power plant to a large scale research facility”, *5th International Conference on Renewable Energy and Sources and Energy Efficiency*, Nicosia, Cyprus, May 5-6 (2016).
- 2015 Poullikkas A., “The cost of large scale integration of sustainable power generation technologies in United Arab Emirates”, *19th International Conference on Circuits, Systems, Communications and Computers, IEEE Conference*, Zakynthos, Greece, 16-20 Jul (2015).
- 2014b Poullikkas A., “Assessment of capacity auctioning mechanism for solar photovoltaic systems”, *9th Mediterranean Conference and Exhibition on Power Generation, Transmission, Distribution and Energy Conversion*, Athens, Greece, Nov 2-5 (2014).
- 2014a Poullikkas A., “The cost of integration of sustainable power generation technologies in the United Arab Emirates”, *Second International Conference on Sustainable Systems and the Environment*, Sharjah, UAE, Feb 12-13 (2014).
- 2013j Poullikkas A., Papadouris S., Kourtis G., Hadjipaschalis I., “Storage solutions for power quality problems of the distribution network”, *2nd Conference on Power Options for the Mediterranean Region*, Nicosia, Cyprus, Oct 7-8 (2013).
- 2013i Poullikkas A., Kourtis G., Hadjipaschalis I., “Cost-benefit analysis for the installation of cogeneration CSP technology in Cyprus”, *2nd Conference on Power Options for the Mediterranean Region*, Nicosia, Cyprus, Oct 7-8 (2013).
- 2013h Babu B.S., Orhan M., Poullikkas A., “Mitigation of Environmental Impact via an Integrated Hydrogen production system based on solar and nuclear energy sources in U.A.E.”, *4th International Conference on Renewable Energy and Sources and Energy Efficiency*, Nicosia, Cyprus, June 6- 7 (2013).
- 2013g Poullikkas A., Kourtis G., Hadjipaschalis I., “Comparative assessment of a large-scale cogeneration CSP system in Cyprus”, *4th International Conference on Renewable Energy and Sources and Energy Efficiency*, Nicosia, Cyprus, June 6- 7 (2013).
- 2013f Poullikkas A., Rouvas C., Kourtis G., Hadjipaschalis I., “Selection of optimum steam turbines parameters for CSP plants”, *4th International Conference on Renewable Energy and Sources and Energy Efficiency*, Nicosia, Cyprus, June 6-7 (2013).
- 2012e Poullikkas A., Hadjipaschalis I., Kourtis G., “Comparative assessment of an innovative dry-cooled CSP system”, *1st Conference on Power Options for the Mediterranean Region*, Limassol, Cyprus, Nov 19-21 (2012).
- 2012d Poullikkas A., Kourtis G., Hadjipaschalis I., “Up-scaling of an innovative cogeneration CSP system”, *1st Conference on Power Options for the Mediterranean Region*, Limassol, Cyprus, Nov 19-21 (2012).
- 2012c Zachariades T., Poullikkas A., “Assessing the costs of power outages in a modern economy: A case study from Cyprus”, *1st Conference on Power Options for the Mediterranean Region*, Limassol, Cyprus, Nov 19-21 (2012).
- 2012b Varnavas C., Poullikkas A., “A measure of capacity contribution of static mono-Si photovoltaic systems”, *1st Conference on Power Options for the Mediterranean Region*, Limassol, Cyprus, Nov 19-21 (2012).
- 2012a Poullikkas A., Grimes R., Walsh E., Hadjipaschalis I., Kourtis G., “Optimization analysis of innovative modular air-cooled condensers for CSP plants”, *8th Mediterranean Conference and Exhibition on*

- Power Generation, Transmission, Distribution and Energy Conversion*, Cagliari, Italy, Oct 1-3 (2012).
- 2011c Poullikkas A., Hadjipaschalis I., Kourtis G., “Techno-economic evaluation for a concentrated photovoltaic park in Cyprus”, *3rd International Conference on Renewable Energy and Sources and Energy Efficiency*, Nicosia, Cyprus, May 19-20 (2011).
- 2011b Poullikkas A., Kourtis G., Hadjipaschalis I., “An overview of CSP cooling systems”, *3rd International Conference on Renewable Energy and Sources and Energy Efficiency*, Nicosia, Cyprus, May 19-20 (2011).
- 2011a Poullikkas A., “An optimization model for the integration of renewable technologies in power generation systems”, *World Renewable Energy Congress 2011*, Linköping, Sweden, May 8-13 (2011).
- 2010c Poullikkas A., Kourtis G., Hadjipaschalis I., “Parametric comparative study for the installation of solar dish technologies in Cyprus”, *7th Mediterranean Conference and Exhibition on Power Generation, Transmission, Distribution and Energy Conversion*, Ayia Napa, Cyprus, Nov 7-10 (2010).
- 2010b Poullikkas A., Hadjipaschalis I., Kourtis G., “Techno-economic analysis of CSP plants for isolated Mediterranean power systems”, *7th Mediterranean Conference and Exhibition on Power Generation, Transmission, Distribution and Energy Conversion*, Ayia Napa, Cyprus, Nov 7-10 (2010).
- 2010a Hatziargyriou N., Tsikalakis A., Karfopoulos E., Tomtsi T., Karagiorgis G., Christodoulou C., Poullikkas A., “Evaluation of virtual power plant (VPP) operation based on actual measurements”, *7th Mediterranean Conference and Exhibition on Power Generation, Transmission, Distribution and Energy Conversion*, Ayia Napa, Cyprus, Nov 7-10 (2010).
- 2009h Kourtis G., Poullikkas A., Hadjipaschalis I., “Feasibility analysis for the installation of photovoltaic parks in Cyprus”, *Conference on the promotion of Distributed Renewable Energy Sources in the Mediterranean region*, Nicosia, Cyprus, Dec 11-12 (2009).
- 2009g Poullikkas A., Hadjipaschalis I., Kourtis G., “Assessment of power generation using parabolic trough solar thermal technology in Cyprus”, *Conference on the promotion of Distributed Renewable Energy Sources in the Mediterranean region*, Nicosia, Cyprus, Dec 11-12 (2009).
- 2009f Poullikkas A., Tsikalakis A., Hatziargyriou N., “Economic evaluation of low Photovoltaics (PV) penetration in island power systems, application to Cyprus”, *Conference on the promotion of Distributed Renewable Energy Sources in the Mediterranean region*, Nicosia, Cyprus, Dec 11-12 (2009).
- 2009e Christodoulou C.N., Karagiorgis G.N., Poullikkas A., Karagiorgis N., “Green Hydrogen Production, Purification and Storage from Renewable Energy Sources (RES) with the use of a Stand-Alone PV/Wind system”, *Conference on the promotion of Distributed Renewable Energy Sources in the Mediterranean region*, Nicosia, Cyprus, Dec 11-12 (2009).
- 2009d Poullikkas A., Hadjipaschalis Y., Efthimiou V., “Storage technologies for electric power applications”, *Renewable Energy Sources and Energy Efficiency*, Nicosia, Cyprus, Oct 23-24 (2009).
- 2009c Poullikkas A., Hadjipaschalis Y., Kourtis G., “Assessment of power generation using large scale photovoltaic technologies in Cyprus”, *Renewable Energy Sources and Energy Efficiency*, Nicosia, Cyprus, Oct 23-24 (2009).
- 2009b Poullikkas A., “Parametric cost-benefit analysis for the production of desalinated water using photovoltaics”, *9th Conference on alternative energy sources*, Paphos, Cyprus, Mar 26-28 (2009).
- 2009a Christodoulou C.N., Karagiorgis G.N., Poullikkas A., Karagiorgis N., “Green hydrogen production from renewable energy sources”, *9th Conference on alternative energy sources*, Paphos, Cyprus, Mar 26-28 (2009).
- 2008f Poullikkas A., Hadjipaschalis I., “Assessment of future sustainable natural gas combined cycle technologies”, *6th Mediterranean Conference on Power Generation, Transmission and Distribution*, Thessaloniki, Greece, Nov 2-5 (2008).

- 2008e Menicou M., Christodoulou C., Karagiorgis G., Poullikkas A., “A Sustainable Green Hydrogen Production and Usage Cycle from Solar Thermal and PV Technologies”, *International Conference on Deregulated Electricity Market Issues in South-Eastern Europe (DEMSEE2008)*, Nicosia, Cyprus, Sep 22-23 (2008).
- 2008d Hadjipaschalis I., Kourtis G., Poullikkas A., “A cost-benefit analysis on the use of oxyfuel combustion power plants”, *International Conference on Deregulated Electricity Market Issues in South-Eastern Europe (DEMSEE2008)*, Nicosia, Cyprus, Sep 22-23 (2008).
- 2008c Hadjipaschalis I., Christou C., Poullikkas A., “Assessment of zero emission power plants using a decoupled optimization method”, *International Conference on Deregulated Electricity Market Issues in South-Eastern Europe (DEMSEE2008)*, Nicosia, Cyprus, Sep 22-23 (2008).
- 2008b Giakoumelos E., Malamatenios C., Hadjipaschalis I., Kourtis G., Poullikkas A., “Energy policy development for the promotion of distributed generation technologies in the Mediterranean region”, *International Conference on Deregulated Electricity Market Issues in South-Eastern Europe (DEMSEE2008)*, Nicosia, Cyprus, Sep 22-23 (2008).
- 2008a Christodoulou C.N., Karagiorgis G.N., Poullikkas A., Karagiorgis N., “Renewable Energy Sources (RES) electricity storage in the form of “green” hydrogen”, *International Conference on Deregulated Electricity Market Issues in South-Eastern Europe (DEMSEE2008)*, Nicosia, Cyprus, Sep 22-23 (2008).
- 2007g Kouyialis N., Poullikkas A., “Assessment of future sustainable natural gas combined cycle technologies”, *16th International Electrotechnical and Computer Science Conference*, Portoroz, Slovenia, Sep 24-26 (2007).
- 2007f Christou C., Hadjipaschalis I., Poullikkas A., “Promotion of renewable distributed generation technologies in the Mediterranean region - The DISTRES project”, *Renewable Energy Sources and Energy Efficiency*, Nicosia, Cyprus, Sep 28-30 (2007).
- 2007e Tsikalakis A., Hatziargyriou N., Poullikkas A., “Impact of wind power installations on the operation of the Cyprus power system using probabilistic analysis”, *Renewable Energy Sources and Energy Efficiency*, Nicosia, Cyprus, Sep 28-30 (2007).
- 2007d Christodoulou C., Karagiorgis G., Poullikkas A., Karagiorgis N., Hadjiargyriou N., “Green electricity production by a grid-connected H₂/fuel cell in Cyprus”, *Renewable Energy Sources and Energy Efficiency*, Nicosia, Cyprus, Sep 28-30 (2007).
- 2007c Hadjipaschalis I., Christou C., Poullikkas A., “A case study for the use of HYPOGEN plants in the European Union future power system”, *Renewable Energy Sources and Energy Efficiency*, Nicosia, Cyprus, Sep 28-30 (2007).
- 2007b Poullikkas A., “Technological developments in renewable energy sources and the role of the Electricity Authority of Cyprus”, *Renewable Energy Sources and Energy Efficiency*, Nicosia, Cyprus, Sep 28-30 (2007).
- 2007a Christou C., Hadjipaschalis I., Poullikkas A., “Parametric cost-benefit analysis of Integrated Gasification Combined Cycle technology”, *Third International Conference on Clean Coal Technologies for our Future*, International Energy Agency, Sardinia, Italy, May 15-17 (2007).
- 2006b Poullikkas A., “A decoupled optimization method for power technology selection in competitive electricity markets”, *5th Mediterranean Conference on Power Generation, Transmission and Distribution*, Eliat, Israel, Nov 15-17 (2006).
- 2006a Poullikkas A., “A cost-benefit analysis for large scale implementation of MAST gas turbine technologies”, *3rd International Conference on the future of gas turbine technology*, Brussels, Belgium, Oct 11-12 (2006).
- 2005c Lymberopoulos N., Varkaraki E., Zoulias E.I., Kalyvas E., Christodoulou C., Karageorgis G.N., Stolzenburg K., Poullikkas A., “Hydrogen: an alternative product for wind park developers”, *In-*

- ternational Hydrogen Energy Congress*, Istanbul, Turkey, Jul 13-15 (2005).
- 2005b Poullikkas A., "The development of Cyprus electricity industry and prospects for the improvements of its environmental indicators", *1st International Conference on Management, Policy and Environmental Technology*, Nicosia, Cyprus, Jun 28-30 (2005).
- 2005a Poullikkas A., "A parametric cost-benefit analysis for the use of distributed generation technologies in the island of Cyprus", *CIGRE Symposium on Power Systems with Disperse Generation*, Athens, Greece, Apr 13-16 (2005).
- 2004g Poullikkas A., "A cost - benefit analysis of water consumption in mixed air steam turbine technologies", *4rd Mediterranean Conference on Power Generation, Transmission, Distribution and Energy Conversion*, Limassol, Cyprus, Nov 15-17 (2004).
- 2004f Lymberopoulos N., Zoulias E.I., Varkaraki E., Kalyvas E., Christodoulou C., Karageorgis G.N., Stolzenburg K., Poullikkas A., "Hydrogen as an alternative product for wind park developers", *4rd Mediterranean Conference on Power Generation, Transmission, Distribution and Energy Conversion*, Limassol, Cyprus, Nov 15-17 (2004).
- 2004e Christodoulou C., Karagiorgis G., Menikou M., Karagiorgis N., Poullikkas A., "Metal Hydrides and Hydrogen Storage Systems: On-going activities in the island of Cyprus", *Workshop on Mapping European Knowledge on Hydrogen Storage*, Petten, The Netherlands, Oct 28-29 (2004).
- 2004d Christodoulou C., Karageorgis G.N., Menikou M., Karageorgis N., Poullikkas A., Lymberopoulos N., Zoulias E.I., Varkaraki E., Bozakov L., "Hydrogen storage in LaNi₅ metallic hydrates", *1st National Conference on Hydrogen Technologies*, Athens, Greece, Sep 30 – Oct 2 (2004).
- 2004c Christodoulou C., Karagiorgis G., Menikou M., Karagiorgis N., Poullikkas A., "Green hydrogen production, storage and H₂/fuel cell electricity production: On going projects in the island of Cyprus", *International Conference RES for islands*, Larnaca, Cyprus, Aug 30-31 (2004).
- 2004b Poullikkas A., "A review of current and future gas turbine technologies", *Second International Conference on Industrial Gas Turbine Technologies*, Bled, Slovenia, Apr 29-30 (2004).
- 2004a Kakaras E., Leithner R., Doukelis A., Giannakopoulos D., Koumanakos A., Aronis N., Poullikkas A., "CO₂ sequestration of the combined cycle power plant with integrated low temperature heat", *Second International Conference on Industrial Gas Turbine Technologies*, Bled, Slovenia, Apr 29-30 (2004).
- 2003 Poullikkas A., "Parametric study for the penetration of combined cycle technologies into Cyprus power system", *First International Conference on Industrial Gas Turbine Technologies*, Belgium, Brussels, Jul 10-11 (2003).
- 2002 Kellas A., Poullikkas A., "Cyprus future generation system", *3rd Mediterranean Conference on Power Generation, Transmission, Distribution and Energy Conversion*, Athens, Greece, Nov 4-6 (2002).
- 2001 Poullikkas A., Karageorghis A., Georgiou G., "The method of fundamental solutions in three-dimensional elastostatics", *4th International Conference on Parallel Processing and Applied Mathematics*, Naleczow, Poland, Sep 9-12 (2001).
- 2000 Poullikkas A., "Effects of entrained air on the performance of nuclear reactor cooling pumps", *10th Mediterranean Electrotechnical Conference*, Limassol, Cyprus, May 29-31 (2000).
- 1999c Poullikkas A., Karageorghis A., Georgiou G., "The method of fundamental solutions for the solution of three-dimensional Signorini problems", *3rd Greek National Congress on Computational Mechanics*, Volos, Greece, June 24-26 (1999).
- 1999b Poullikkas A., Karageorghis A., Georgiou G., "The method of fundamental solutions for three-dimensional Signorini problems", *Boundary Elements XXI, 21st World Conference on the Boundary Element Method*, London, UK, June 15-18 (1999).

- 1999a Poullikkas A., Karageorghis A., Georgiou G., "The method of fundamental solutions for three-dimensional Signorini problems", *13th International Conference on Boundary Element Technology*, Las Vegas, USA, June 8-10 (1999).
- 1998 Poullikkas A., "Two phase flow pump modeling for nuclear power safety analysis", *1st Mediterranean Conference on Power Generation, Transmission and Distribution*, Nicosia, Cyprus, Nov 16-18 (1998).
- 1997b Poullikkas A., Karageorghis A., Georgiou G., "Methods of fundamental solutions for elliptic boundary value problems", *International Conference: Computational Methods and Function Theory '97*, Nicosia, Cyprus, Oct 13-17 (1997).
- 1997a Poullikkas A., Karageorghis A., Georgiou G., "The method of fundamental solutions for free surface flow problems", *IABEM Workshop on Fundamental Solutions in Boundary Elements: Formulation and Integration*, Sevilla, Spain, June 18-20 (1997).
- 1996 Poullikkas A., Karageorghis A., Georgiou G., "The method of fundamental solutions for the solution of elliptic problems", *2nd Greek National Congress on Computational Mechanics*, Chania, Greece, June 26-28 (1996).
- 1995 Georgiou G.C., Poullikkas A., Crochet M., "On the stability of the shear flow of an Oldroyd-B fluid with non-linear slip along the fixed wall", *4th Greek National Congress on Mechanics*, Xanthi, Greece, June 26-29 (1995).

Technical reports

REPORTS TO THE PRESIDENT OF CYPRUS

- 2020b Poullikkas A., *et al*, *Annual Report 2019*, Cyprus Energy Regulatory Authority (2020).
- 2020a Poullikkas A. *Long term sustainable energy strategy – Cyprus' energy transition to hydrogen economy* (2020).
- 2019 Poullikkas A., *et al*, *Annual Report 2018*, Cyprus Energy Regulatory Authority (2019).
- 2018 Poullikkas A., *et al*, *Annual Report 2017*, Cyprus Energy Regulatory Authority (2018).
- 2017d Poullikkas A., *et al*, *Annual Report (Oct 2016-2017)*, Cyprus Energy Strategy Council (2017).
- 2017c Poullikkas A., *et al*, *Annual Report 2016*, Cyprus Energy Regulatory Authority (2017).
- 2017b Poullikkas A., *et al*, *Technical, economic, commercial and political considerations for the development of gas discoveries in East Mediterranean*, Cyprus Energy Strategy Council & Geostrategic Council (2017).
- 2017a Poullikkas A., *et al*, *Guidelines for the EU reference scenario for energy, transport and GHG emissions trends to 2050*, SES Report No: 2017/01, Cyprus Energy Strategy Council (2017).
- 2016f Poullikkas A., *et al*, *Guidelines for the 3rd round of hydrocarbons' reserves licensing*, SES Report No: 2016/03, Cyprus Energy Strategy Council (2016).
- 2016e Poullikkas A., *et al*, *Annual Report (Oct 2015-2016)*, Cyprus Energy Strategy Council (2016).
- 2016d Poullikkas A., *et al*, *Annual Report 2015*, Cyprus Energy Regulatory Authority (2016).
- 2016c Poullikkas A., *et al*, *Cyprus' current energy status*, SES Report No: 2016/02, Cyprus Energy Strategy Council (2016).
- 2016b Poullikkas A., *et al*, *Guidelines for the optimum implementation of COP-21 conclusions*, SES Report No: 2016/01, Cyprus Energy Strategy Council (2016).
- 2016a Poullikkas A., *et al*, *The importance of Zohr hydrocarbons field discovery on Cyprus energy strategy*,

Cyprus Energy Strategy Council & Geostrategic Council (2016).

- 2015d Poullikkas A., *et al*, *Annual Report (Oct 2014-2015)*, Cyprus Energy Strategy Council (2015).
- 2015b Poullikkas A., *et al*, *Cyprus in the new energy era*, SES Report No: 2015/02, Cyprus Energy Strategy Council (2015).
- 2015a Poullikkas A., *et al*, *Guidelines for the optimum implementation of European Council Conclusions on 2030 Climate and Energy Policy Framework*, SES Report No: 2015/01, Cyprus Energy Strategy Council (2015).

REPORTS TO THE COUNCIL OF MINISTERS

- 2013 Poullikkas A., *A strategic plan for the promotion of renewable energy sources in the Cyprus electricity generation system - Update for the period 2014-2020* (2013).
- 2012 Poullikkas A., *A strategic plan for the promotion of renewable energy sources in the Cyprus electricity generation system - Update for small commercial PV systems Feed-in-Tariff* (2012).
- 2011 Poullikkas A., *A strategic plan for the promotion of renewable energy sources in the Cyprus electricity generation system - Update for PV systems early deployment* (2011).
- 2010 Poullikkas A., *A strategic plan for the promotion of renewable energy sources in the Cyprus electricity generation system* (2010).
- 2000b Antoniou M., Charalambous C., Hadjigerou Ch., Loizides A., Poullikkas A., *Cost analysis for the installation of desalination plant at Vasilikos power station*, (in Greek) (2000).
- 2000a Antoniou M., Loizides A., Poullikkas A., *Feasibility study for the installation of desalination plant at Vasilikos power station*, (in Greek) (2000).

REPORTS TO THE HOUSE OF REPRESENTATIVES

- 2001b Poullikkas A., *Power generation, fossil fuels and renewable energy sources - Note to the House of Representatives*, (in Greek) (2001).
- 2001a Poullikkas A., *Environmental protection - Note to the House of Representatives*, (in Greek) (2001).

REPORTS TO VARIOUS MINISTRIES

- 2001 Poullikkas A., *European Union New Large Combustion Plants Directive - Electricity Authority of Cyprus stack emissions inventory*, (in Greek) (2001).
- 2000 Antoniou M., Charalambous C., Hadjigerou Ch., Loizides A., Stylianos S., Christou A., Poullikkas A., *Design and indicative price study for the installation of desalination plant at Vasilikos power station*, (in Greek) (2000).
- 1999b Antoniou M., Poullikkas A., Florides G., Menelaou C., *EAC harmonization with the EU - Environmental legislation*, (1999).
- 1999a Eliopoulos C., Kellas A., Stylianos S., Stephanou A., Theophanous A., Pattichis P., Poullikkas A., *Optimization of the generation system expansion*, (in Greek) (1999).
- 1998 Kellas A., Poullikkas A., *Least cost generation system expansion study*, (in Greek) (1998).

REPORTS TO THE EUROPEAN COMMISSION

2012

- Grimes, R., Walsh, E., Poullikkas, A., Baldinelli, G., Baldassarri, C., Bianchi, F., and F. Scrucca, *Report on the effect of R.1 MACC module design options on plant performance, lifetime costs and environmental impact*, MACCSol Research Project (2012).
- 2011i Poullikkas A., Hadjipaschalis I., Kourtis G., *Novel concentrated solar CSP technology*, Electricity Authority of Cyprus (2011).
- 2011h Poullikkas A., Hadjipaschalis I., Kourtis G., *Lifetime cost-benefit analysis of MACC system with geometry B*, Electricity Authority of Cyprus (2011).
- 2011g Poullikkas A., Hadjipaschalis I., Kourtis G., *Lifetime cost-benefit analysis of prototype MACC system*, Electricity Authority of Cyprus (2011).
- 2011f Poullikkas A., Hadjipaschalis I., Kourtis G., *Steam turbine output and condenser heat rejection curves*, Electricity Authority of Cyprus (2011).
- 2011e Poullikkas A., Hadjipaschalis I., Kourtis G., *Validation of PLATOS tool using the distribution network of Cyprus*, Electricity Authority of Cyprus (2011).
- 2011d Poullikkas A., Hadjipaschalis I., Kourtis G., *Regulatory impact study for current legislation in Cyprus on renewable energy*, Electricity Authority of Cyprus (2011).
- 2011c Poullikkas A., Hadjipaschalis I., Kourtis G., *Review of the existing and emerging Rankine cycle based CSP plants*, Electricity Authority of Cyprus (2011).
- 2011b Poullikkas A., Hadjipaschalis I., Kourtis G., *Review of the existing and emerging water cooled and air cooled condensers suitable for CSP plants*, Electricity Authority of Cyprus (2011).
- 2011a Poullikkas A., Hadjipaschalis I., Kourtis G., *Input data and scenarios for lifetime cost analysis*, Electricity Authority of Cyprus (2011).
- 2008c Kourtis G., Poullikkas A., *Existing software tools for demand and price forecasting*, Electricity Authority of Cyprus (2008).
- 2008b Kourtis G., Poullikkas A., *Demand and price forecasting methodologies*, Electricity Authority of Cyprus (2008).
- 2008a Hadjipaschalis I., Poullikkas A., *General features of the Cyprus distribution network*, Electricity Authority of Cyprus (2008).
- 2007 Hadjipaschalis I., Poullikkas A., *Energy storage technologies for electric power applications*, Electricity Authority of Cyprus (2007).
- 2006 Poullikkas A., *Performance indicators of liquid fuel operated MAST technologies*, Electricity Authority of Cyprus (2006).
- 2005c Christodoulou C., Karageorgis G.N., Poullikkas A., *R&D on hydrogen storage*, Electricity Authority of Cyprus and Frederick Institute of Technology (2005).
- 2005b Poullikkas A., *The use of MAST technologies into the EAC's generation system - A cost-benefit analysis*, Electricity Authority of Cyprus (2005).
- 2005a Poullikkas A., *The use of DER technologies for isolated communities: A cost benefit analysis*, Electricity Authority of Cyprus (2005).
- 2004c Poullikkas A., *Operating cost and water economy of MAST gas turbine technologies*, Electricity Authority of Cyprus (2004).
- 2004b Poullikkas A., *EAC commercial sector typical load profiles*, Electricity Authority of Cyprus (2004).
- 2004a Poullikkas A., *EAC 3rd level segmentation data*, Electricity Authority of Cyprus (2004).
- 2003d Poullikkas A. Moniates G., Achillides Z., *Overall comparative study of risk to health, safety and environment, associated to hydrogen and other fuels*, Electricity Authority of Cyprus (2003).

- 2003c Poullikkas A., *Market survey of MAST and non-MAST gas turbine technologies*, Electricity Authority of Cyprus (2003).
- 2003b Poullikkas A., Kellas A., Christodoulou C., Karagiorgis G., *Study of economic, environmental and social impacts of the LOTHECO cycle*, Electricity Authority of Cyprus and Frederick Institute of Technology (2003).
- 2003a Poullikkas A., Kellas A., *Identification of potential sites for implementation of the LOTHECO cycle in Cyprus*, Electricity Authority of Cyprus (2003).
- 2002 Poullikkas A., *Overview of wind energy available technologies*, Electricity Authority of Cyprus (2002).

REPORTS TO THE EUROPEAN INVESTMENT BANK

- 1999 Kellas A., Poullikkas A., *Flue Gas Desulphurisation (FGD) systems - Design, operating and financial considerations* (1999).

REPORTS TO EURELECTRIC

- 2012 Working Group on Research and Development, *Horizon 2020 - Framework Programme for Research and Innovation*, Union of the Electricity Industry (2012).
- 2011b Working Group on Research and Development, *How to Foster Research, Development and Deployment of RES-E Technologies*, Union of the Electricity Industry (2011).
- 2011a Task Force on Retail Target Model, *Customer-Centric Retail Markets: A Future-Proof Market Design*, Union of the Electricity Industry (2011).
- 2010c Task Force on Integration of Renewables, *Integrating intermittent renewables sources into the EU electricity system by 2020: challenges and solutions*, Union of the Electricity Industry (2010).
- 2010b Working Group on Research and Development, *Analysis of the EURELECTRIC Survey Questionnaire on the Role of R&D in Power Companies*, Union of the Electricity Industry (2010).
- 2010a Task Force on Renewables Integration, *CEER Consultation on regulatory aspects of the integration of wind generation in European electricity markets*, Union of the Electricity Industry (2010).
- 2007 Working Group on Research and Development, *EURELECTRIC views on EU Strategic Energy Technology Plan*, Union of the Electricity Industry (2007).

REPORTS TO THE RESEARCH PROMOTION FOUNDATION

- 2006 Poullikkas A., Christodoulou C., *Development of hydrogen-fuel cell distributed generation technology (H₂/KYΨEAEΣ) - Interim Report*, Electricity Authority of Cyprus and Frederick Institute of Technology (in Greek) (2006).
- 2005 Poullikkas A., Christodoulou C., *Preliminary design for the installation of a distributed generation fuel-cell pilot plant*, Electricity Authority of Cyprus and Frederick Institute of Technology (in Greek) (2005).

REPORTS TO THE ELECTRICITY AUTHORITY OF CYPRUS

- 2011m Poullikkas A., Hadjipaschalis I., Kourtis G., *Novel concentrated solar CSP technology*, TR/2011/ET/13, Electricity Authority of Cyprus (2011).
- 2011l Poullikkas A., Hadjipaschalis I., Kourtis G., *Lifetime cost-benefit analysis of MACC system with geometry B*, Electricity Authority of Cyprus (2011).
- 2011k Poullikkas A., Hadjipaschalis I., Kourtis G., *Lifetime cost-benefit analysis of prototype MACC system*, TR/2011/ET/11, Electricity Authority of Cyprus (2011).

- 2011j Poullikkas A., Hadjipaschalis I., Kourtis G., *An overview of electric vehicle technologies*, TR/2011/ET/10, Electricity Authority of Cyprus (2011).
- 2011i Poullikkas A., Hadjipaschalis I., Kourtis G., *Steam turbine output and condenser heat rejection curves*, TR/2011/ET/09, Electricity Authority of Cyprus (2011).
- 2011h Poullikkas A., Kourtis G., Hadjipaschalis I., *A strategic plan for the promotion of renewable energy sources in the Cyprus electricity generation system - Update for PV systems early deployment*, TR/2011/ET/08, Electricity Authority of Cyprus (2011).
- 2011g Poullikkas A., Hadjipaschalis I., Kourtis G., *An overview of wave energy*, TR/2011/ET/7, Electricity Authority of Cyprus (2011).
- 2011f Poullikkas A., Hadjipaschalis I., Kourtis G., *Validation of PLATOS tool using the distribution network of Cyprus*, TR/2011/ET/6, Electricity Authority of Cyprus (2011).
- 2011e Poullikkas A., Hadjipaschalis I., Kourtis G., *Search for available public land for the installation of RES-E technologies*, TR/2011/ET/5, Electricity Authority of Cyprus (2011).
- 2011d Poullikkas A., Hadjipaschalis I., Kourtis G., *Regulatory impact study for current legislation in Cyprus on renewable energy*, TR/2011/ET/4, Electricity Authority of Cyprus (2011).
- 2011c Poullikkas A., Hadjipaschalis I., Kourtis G., *Review of the existing and emerging Rankine cycle based CSP plants*, TR/2011/ET/3, Electricity Authority of Cyprus (2011).
- 2011b Poullikkas A., Hadjipaschalis I., Kourtis G., *Review of the existing and emerging water cooled and air cooled condensers suitable for CSP plants*, TR/2011/ET/2, Electricity Authority of Cyprus (2011b).
- 2011a Poullikkas A., Hadjipaschalis I., Kourtis G., *Input data and scenarios for lifetime cost analysis*, TR/2011/ET/1, Electricity Authority of Cyprus (2011).
- 2010f Poullikkas A., Hadjipaschalis I., Kourtis G., *RES-E strategic plan for the period 2011-2020*, TR/2010/ET/6 (2010).
- 2010e Poullikkas A., Hadjipaschalis I., Kourtis G., *NER300 funding scheme for innovative RES technologies- A guide for EAC strategy*, TR/2010/ET/5, Electricity Authority of Cyprus (2010).
- 2010d Poullikkas A., Hadjipaschalis I., Kourtis G., *Parametric analysis for the installation of concentrated photovoltaic parks in Cyprus*, TR/2010/ET2/4, Electricity Authority of Cyprus (2010).
- 2010c Poullikkas A., Kourtis G., Hadjipaschalis I., *Analysis of the survey Questionnaire on the Vision of EURELECTRIC for the role of R&D in Power Companies*, TR/2010/ET2/3, Electricity Authority of Cyprus (2010).
- 2010b Poullikkas A., Hadjipaschalis I., Kourtis G., *A strategic plan for the promotion of renewable energy sources in the Cyprus electricity generation system*, TR/2010/ET/2, Electricity Authority of Cyprus (2010).
- 2010a Poullikkas A., Kourtis G., Hadjipaschalis I., *Parametric analysis for the installation of solar dish technologies in Cyprus*, TR/2010/ET/1, Electricity Authority of Cyprus (2010).
- 2009i Poullikkas A., *A comparative study of the cost of electricity from conventional power generation technologies and from RES*, TR/2009/ET/9, Electricity Authority of Cyprus (2009).
- 2009h Poullikkas A., Hadjipaschalis I., Kourtis G., *The cost of integration of concentrated solar power plants - A simulation study using WASP package*, TR/2009/ET/8, Electricity Authority of Cyprus (2009).
- 2009g Poullikkas A., Rouvas C., Hadjipaschalis I., Kourtis G., *Power cycle input/output conditions and interfaces*, TR/2009/ET/7, Electricity Authority of Cyprus (2009).
- 2009f Poullikkas A., Rouvas C., Hadjipaschalis I., Kourtis G., *A simulation study for the selection and sizing of steam turbine for solar thermal plant*, TR/2009/ET/6, Electricity Authority of Cyprus (2009).
- 2009e Kourtis G., Poullikkas A., *Power generation from wastes*, TR/2009/ET2/5, Electricity Authority of Cyprus (2009).

- Cyprus (2009).
- 2009d Kourtis G., Poullikkas A., *Fixed angle vs two axis tracking PV systems*, TR/2009/ET2/4, Electricity Authority of Cyprus (2009).
- 2009c Poullikkas A., *Solar thermal power technologies*, TR/2009/ET/3, Electricity Authority of Cyprus (2009).
- 2009b Poullikkas A., Rouvas C., Hadjipaschalis I., Kourtis G., *An overview of current and future steam turbine technologies*, TR/2009/ET/2, Electricity Authority of Cyprus (2009).
- 2009a Poullikkas A., *Parametric analysis for the installation of parabolic trough solar thermal technology in Cyprus*, TR/2009/ET/1, Electricity Authority of Cyprus (2009).
- 2008i Poullikkas A., Hadjipaschalis I., Kourtis G., *Parametric analysis for the installation of photovoltaic parks in Cyprus*, TR/2008/ET2/9, Electricity Authority of Cyprus (2008).
- 2008h Poullikkas A., Hadjipaschalis I., Kourtis G., *A note on the future oxyfuel power generation technologies*, TR/2008/ET2/8, Electricity Authority of Cyprus (2008).
- 2008g Kourtis G., Poullikkas A., *Existing software tools for demand and price forecasting*, TR/2008/ET2/7, Electricity Authority of Cyprus (2008).
- 2008f Poullikkas A., *Indicative generation cost of desalinated water for the establishment of a desalination plant at Vasilikos power station*, TR/2008/ET/6, Electricity Authority of Cyprus (in Greek) (2008).
- 2008e Kourtis G., Poullikkas A., *Demand and price forecasting methodologies*, TR/2008/ET2/5, Electricity Authority of Cyprus (2008).
- 2008d Poullikkas A., *Briefly review of the basic parameters of electric systems*, TR/2008/ET/4, Electricity Authority of Cyprus (in Greek) (2008).
- 2008c Hadjipaschalis I., Poullikkas A., *General features of the Cyprus distribution network*, TR/2008/ET1/3, Electricity Authority of Cyprus (2008).
- 2008b Poullikkas A., *EAC Environmental Policy*, TR/2008/ET/2, Electricity Authority of Cyprus (in Greek) (2008).
- 2008a Kourtis G., Poullikkas A., *Photovoltaic systems and expected developments*, TR/2008/ET2/1, Electricity Authority of Cyprus (in Greek) (2008).
- 2007f Hadjipaschalis I., Poullikkas A., *Energy storage technologies for electric power applications*, TR/2007/ET/6, Electricity Authority of Cyprus (2007).
- 2007e Hadjipaschalis I., Christou C., Poullikkas A., *The cost of integration of zero emission power plants - A simulation study using WASP package*, TR/2007/ET/5, Electricity Authority of Cyprus (2007).
- 2007d Christou C., Hadjipaschalis I., Poullikkas A., *A study of the current EU and Mediterranean countries policies regarding the deployment of renewable energy sources - Country report: Cyprus*, TR/2007/ET/4, Electricity Authority of Cyprus (2007).
- 2007c Hadjipaschalis I., Christou C., Poullikkas A., *A note on the future sustainable technologies with carbon capture and storage*, TR/2007/ET/3, Electricity Authority of Cyprus (2007).
- 2007b Poullikkas A., Hadjipaschalis I., Christou C., Petrou A., Varnavas C., *Evaluation of the power optimization generator and contract scheduling (PowerOp) software*, TR/2007/ET/2, Electricity Authority of Cyprus (2007).
- 2007a Poullikkas A., Hadjipaschalis I., Christou C., *Parametric cost-benefit analysis of integrated gasification combined cycle technology*, TR/2007/ET/1, Electricity Authority of Cyprus (2007).
- 2006j Poullikkas A., Hadjipaschalis I., Christou C., *Overview of green certificates mechanism in the EU*, TR/2006/ET/12, Electricity Authority of Cyprus (in Greek) (2006).

- 2006i Poullikkas A., Hadjipaschalis I., Christou C., *Integrated gasification combined cycle technology*, TR/2006/ET/11, Electricity Authority of Cyprus (in Greek) (2006).
- 2006h Poullikkas A., *LNG vs diesel vs HFO cost benefit comparison*, TR/2006/ET/9, Electricity Authority of Cyprus (in Greek) (2006).
- 2006g Kellas A., Poullikkas A., Skordelis M., Adamantos Z., *Evaluation of collaboration between EAC and IPPs*, TR/2006/ET/8, Electricity Authority of Cyprus (in Greek) (2006).
- 2006f Poullikkas A., *LNG break even price for use into Cyprus power system*, TR/2006/ET/7, Electricity Authority of Cyprus (in Greek) (2006).
- 2006e Poullikkas A., *Pre-feasibility study for the use of RES technologies*, TR/2006/ET/5, Electricity Authority of Cyprus (2006).
- 2006d Poullikkas A., *Unit commitment modeling and approaches*, TR/2006/ET/4, Electricity Authority of Cyprus (2006).
- 2006c Poullikkas A., Hadjipaschalis I., Christou C., *CNG technologies and perspectives*, TR/2006/ET/3, Electricity Authority of Cyprus (in Greek) (2006).
- 2006b Poullikkas A., Hadjipaschalis I., Christou C., *EU funding opportunities for EAC under new regional policy 2007-2013*, TR/2006/ET/2, Electricity Authority of Cyprus (in Greek) (2006).
- 2006a Poullikkas A., *Potential IPPs electricity unit cost*, TR/2006/ET/1, Electricity Authority of Cyprus (in Greek) (2006).
- 2005 Poullikkas A., *Moni power station future development*, Electricity Authority of Cyprus (in Greek) (2005).
- 2004b Poullikkas A., *A note on unit commitment approaches and ancillary services pricing*, Electricity Authority of Cyprus (2004).
- 2004a Poullikkas A., *A methodology for the prediction of maximum days of HFO storage within EAC*, Electricity Authority of Cyprus (in Greek) (2004).
- 2002b Poullikkas A., *Hydrogen production with renewable energy sources*, Electricity Authority of Cyprus (in Greek) (2002).
- 2002a Poullikkas A., *Preliminary study of co-generation (power and water) systems*, Electricity Authority of Cyprus (in Greek) (2002).
- 2001 Antoniou M., Papadopoulos A., Stephanou A., Pattichis P., Theophanous A., Efthimiou V., Poullikkas A., *Harmonization of Electricity Authority of Cyprus with European Union*, Electricity Authority of Cyprus (2001).
- 2000f Poullikkas A., *Algorithm C.A.P.S.E. - Computer Aided Power System Economics*, Vasilikos Power Station, Electricity Authority of Cyprus (in Greek) (2000).
- 2000e Antoniou M., Poullikkas A., *The use of fuel oil additives*, Generation Department, Electricity Authority of Cyprus (2000).
- 2000d Poullikkas A., *Approximate methods for the calculation of heat rate curve*, Generation Department, Electricity Authority of Cyprus (in Greek) (2000).
- 2000c Charalambous M., Poullikkas A., Papantoniou A., *EAC harmonization with the EU - Sources for funding*, Electricity Authority of Cyprus (2000).
- 2000b Poullikkas A., *Algorithm C.A.R.O.C. - Computer Aided Reverse Osmosis Calculations*, Generation Department, Electricity Authority of Cyprus (in Greek) (2000).
- 2000a Poullikkas A., *Power system stability analysis*, Generation Department, Electricity Authority of Cyprus (2000).

- 1999c Ioannides A., Poullikkas A., Papantoniou A., *EAC harmonization with the EU - Stranded costs*, Electricity Authority of Cyprus (1999).
- 1999b Antoniou M., Theophanous A., Poullikkas A., Stephanou A., *EAC spinning reserve policy*, Electricity Authority of Cyprus (1999).
- 1999a Antoniou M., Ioannides S., Phylaktou A., Menelaou C., Poullikkas A., *Measures for the emissions reduction from power stations*, Electricity Authority of Cyprus (in Greek) (1999).
- 1998 Poullikkas A., *A review of ENI's proposal for a LNG combined-cycle power plant*, Generation Department, Electricity Authority of Cyprus (1998).
- 1997f Poullikkas A., *Notes and guidelines for the calculation of operation statistical data*, Dhekelia Power Station, Electricity Authority of Cyprus (in Greek) (1997).
- 1997e Poullikkas A., *Cooling of turbine lubricating oil via bearing cooling sea water pump*, Dhekelia Power Station, Electricity Authority of Cyprus (1997).
- 1997d Poullikkas A., *Pump selection for boiler washing with treated water*, Dhekelia Power Station, Electricity Authority of Cyprus (1997).
- 1997c Poullikkas A., *Two years training report*, Dhekelia Power Station, Electricity Authority of Cyprus (1997).
- 1997b Poullikkas A., *Cavitation in centrifugal pumps*, Dhekelia Power Station, Electricity Authority of Cyprus (1997).
- 1997a Poullikkas A., *Turbo-alternator speed governing systems*, Dhekelia Power Station, Electricity Authority of Cyprus (1997).
- 1996 Poullikkas A., *Notes and guidelines for bunkering*, Dhekelia Power Station, Electricity Authority of Cyprus (1996).

REPORTS TO THE UNIVERSITY OF CYPRUS

- 2004 Poullikkas A., Berger J.R., Karageorghis A., *Stress intensity factor computation using the method of fundamental solutions*, Technical Report 16/2004, Department of Mathematics and Statistics, University of Cyprus (2004).
- 2000 Poullikkas A., Karageorghis A., Georgiou G., *The method of fundamental solutions for three dimensional elastostatics problems*, Technical Report 12/2000, Department of Mathematics and Statistics, University of Cyprus (2000).
- 1999b Poullikkas A., Karageorghis A., Georgiou G., *The numerical solution of three dimensional Signorini problems with the method of fundamental solutions*, Technical Report 06/99, Department of Mathematics and Statistics, University of Cyprus (1999).
- 1999a Poullikkas A., Karageorghis A., Georgiou G., *The method of fundamental solutions for three-dimensional Signorini problems*, Technical Report 01/99, Department of Mathematics and Statistics, University of Cyprus (1999).
- 1997c Poullikkas A., Karageorghis A., Georgiou G., *Methods of fundamental solutions for inhomogeneous elliptic problems*, Technical Report 15/97, Department of Mathematics and Statistics, University of Cyprus (1997).
- 1997b Poullikkas A., Karageorghis A., Georgiou G., Ascough J., *The method of fundamental solutions for Stokes flow problems with a free surface*, Technical Report 06/97, Department of Mathematics and Statistics, University of Cyprus (1997).
- 1997a Poullikkas A., Karageorghis A., Georgiou G., Ascough J., *The method of fundamental solutions for free surface flow problems*, Technical Report 02/97, Department of Mathematics and Statistics, University of Cyprus (1997).

- 1996c Poullikkas A., Karageorghis A., Georgiou G., *The method of fundamental solutions for Signorini problems*, Technical Report 11/96, Department of Mathematics and Statistics, University of Cyprus (1996).
- 1996b Poullikkas A., Karageorghis A., Georgiou G., *Methods of fundamental solutions for elliptic boundary value problems*, Technical Report 09/96, Department of Mathematics and Statistics, University of Cyprus (1996).
- 1996a Poullikkas A., Karageorghis A., Georgiou G., *The method of fundamental solutions for the solution of elliptic problems*, Technical Report 05/96, Department of Mathematics and Statistics, University of Cyprus (1996).
- 1995 Georgiou G., Boudouvis A., Olson L., Poullikkas A., Smyrlis Y., *Two methods for the computation of singular solutions in elliptic problems*, Technical Report 06/95, Department of Mathematics and Statistics, University of Cyprus (1995).

REPORTS TO LOUGHBOROUGH UNIVERSITY

- 1992b Poullikkas A., *Two phase flow mathematical model for a centrifugal pump*, Department of Mechanical Engineering, Loughborough University of Technology (1992).
- 1992a Poullikkas A., *Two phase impeller design*, Department of Mechanical Engineering, Loughborough University of Technology (1992).
- 1991 Yap B.T., Poullikkas A., Bell M., Jakobsen P., Jackson E.A.B., *A survey of solids pumping problems*, Department of Mechanical Engineering, Loughborough University of Technology (1991).
- 1990 Okoro O.O.O., Wilson D.L., Poullikkas A., *Reverse vending machine*, Department of Mechanical Engineering, Loughborough University of Technology (1990).

Interviews

- 2021b “Pace of deregulation is still much too slow”, Interview by *Newspaper Cyprus Mail*, 23 Jan, 7 (2021).
- 2021a “Electricity market should be open by 2020”, Interview by *Newspaper Cyprus Mail*, 22 Jan, 7 (2021).
- 2020e “Economic recovery and energy transition can coexist”, Interview by *Newspaper Φιλελεύθερος*, 27 Dec, 105 (2020).
- 2020d “Cyprus to become a model green country by 2050”, Interview by *Insider*, Nov, 52-55 (2020).
- 2020c “A greener future”, Interview by *Country Profiler Global Edition 2020*, Aug, 84-87 (2020).
- 2020b “Electrical interconnections are investment opportunities”, *Newspaper Φιλελεύθερος*, 18 Oct, 6 (in Greek) (2020).
- 2020a “Conventional fuels vs renewable energy sources”, *TV interview by Science Hoaxes*, 9 Sep (in Greek) (2020) • URL: <https://ScienceHoaxes>
- 2019j “Integrated European energy market”, Interview by *Νόμισμα*, Dec 2019, 63 (in Greek) (2019).
- 2019h “The development of natural gas market regime in Cyprus”, Interview by *Newspaper Φιλελεύθερος*, 29 Dec, 106 (in Greek) (2019).
- 2019g “Harnessing RES potential”, Interview by *Country Profiler Global Edition 2019*, Aug, 84-87 (2019).
- 2019f “The future of electricity market in Cyprus”, Interview by *Journal of Scientific Technical Chamber of Cyprus*, 232, April 2019, 12-15 (in Greek) (2019).
- 2019e “Licensed independent power producers”, Interview by *In Business News* (in Greek) (2019) • URL: <https://in-businessnews/ipps>

- 2019d “Euroasia and Euroafrica interconnectors will remove Cyprus energy isolation”, Interview by *In Business News* (in Greek) (2019) • URL: <https://in-businessnews/interconnectors>
- 2019c “How electricity tariffs are calculated”, Interview by *In Business News* (in Greek) (2019) • URL: <https://in-businessnews/tariffs>
- 2019b “Power generation adequacy by 2024”, Interview by *In Business News* (in Greek) (2019) • URL: <https://in-businessnews/poweradequacy>
- 2019a “The changing landscape in Cyprus’s electricity market”, Interview by *Forbes*, Feb, 102-103 (in Greek) (2019).
- 2018b “New era for the electricity market in Cyprus”, Interview by *Newspaper Φιλελεύθερος*, 30 Dec, 135 (in Greek) (2018).
- 2018a “Energy fuel future”, Interview by *Country Profiler Global Edition 2018*, Aug, 98-101 (2018).
- 2017c “Cyprus Energy Regulatory Authority targets for 2018”, Interview by *Newspaper Φιλελεύθερος*, 31 Dec, 114 (in Greek) (2017).
- 2017b “The new European energy map”, Interview by *Newspaper Φιλελεύθερος*, 17 Dec, 12 (in Greek) (2017).
- 2017a “Cyprus’s energy future”, Interview by *Newspaper Φιλελεύθερος*, 7 May, 11 (in Greek) (2017).
- 2016c “Electricity interconnections”, Interview by *Energy News* (2016) • URL: <http://energy.reporter/-interconnections>
- 2016b “Energy Union”, Interview by *Energy News* (2016) • URL: <http://energy.reporter/eunion>
- 2016a “The role of Cyprus Energy Regulatory Authority”, Interview by *Green Energy*, 1, 30-31 (in Greek), 19-20 (in English) (2016).
- 2015 “The complexity of electricity markets”, Interview by *Newspaper Πολίτης*, 18 Feb, 4 (in Greek) (2015).
- 2013b “Energy strategy towards 2050”, Interview by *Newspaper Πολίτης*, 5 Aug, 30 (in Greek) (2013).
- 2013a “Strategies for solar technologies integration in UAE power system”, TV interview by *Cyprus Broadcasting Corporation (CyBC1)*, 13 Jun (in Greek) (2013).
- 2012 “Power options for South-East Mediterranean region”, TV interview by *Cyprus Broadcasting Corporation (CyBC1)*, 20 Nov (in Greek) (2012).
- 2011 “Energy management and renewable energy sources”, TV discussion by *Cyprus Broadcasting Corporation (CyBC1)*, 23 Mar (in Greek) (2011).
- 2010c “Cyprus renewable energy strategy”, Radio interview by *Radio Astra*, 24 Nov (in Greek) (2010).
- 2010b “Cyprus energy challenges”, Radio interview by *Cyprus Broadcasting Corporation*, 31 Aug (in Greek) (2010).
- 2010a “Cyprus’ energy issues”, Interview by *EAC News*, 100, 7-12 (in Greek) (2010).
- 2009 “Cyprus energy future is the sun”, Interview by *Newspaper Αλήθεια*, 6 Dec, 18 (in Greek) (2009).
- 2008c “Recent EU energy policy”, Interview by *EAC News*, 95, 8-10 (in Greek) (2008).
- 2008b “Future energy systems - The case of Cyprus”, Interview by *Οικοενημέρωση*, 2, 57-59 (in Greek) (2008).
- 2008a “Energy future”, Interview by *InBusiness*, 32, 48-50 (in Greek) (2008).
- 2006 “Energy systems”, Interview by *EAC News*, 89, 30-33 (in Greek) (2006).

Newspaper and magazine articles

- 2020m Poulikkas A., “Can nuclear fusion considered as an unlimited source of energy?”, *Newspaper Αλήθεια*, 24 Dec, 17 (in Greek) (2020).
- 2020l Poulikkas A., “How the EU can move towards hydrogen economy?”, *Newspaper Φιλελεύθερος*, 9 Nov, 16 (in Greek) (2020).
- 2020k Poulikkas A., “Cyprus can become climate neutral by 2050?”, *Newspaper Φιλελεύθερος*, 18 Oct, 9 (in Greek) (2020).
- 2020j Poulikkas A., “Can energy transition coexist with economic recovery?”, *Newspaper Φιλελεύθερος*, 27 Sep, 7 (in Greek) (2020).
- 2020i Poulikkas A., “Why energy regulatory authorities should be independent?”, *Newspaper Φιλελεύθερος*, 20 Sep, 7 (in Greek) (2020).
- 2020h Poulikkas A., “What are electricity smartmeters?”, *Newspaper Πολίτης*, 19 Aug, 28 (in Greek) (2020).
- 2020g Poulikkas A., “Why inter-party energy strategy agreements are need?”, *Newspaper Αλήθεια*, 18 Jul, 16 (in Greek) (2020).
- 2020f Poulikkas A., “Why hydrogen can help Cyprus’s energy transition?”, *Newspaper Αλήθεια*, 24 Jun, 16 (in Greek) (2020).
- 2020e Poulikkas A., “How COVID-19 virus pandemic can boost energy transition?”, *Newspaper Πολίτης*, 6 May, 29 (in Greek) (2020).
- 2020d Poulikkas A., “Cyprus targeting for energy transition towards hydrogen economy”, *Newspaper Σημερινή*, 26 Apr, 20 (in Greek) (2020).
- 2020c Poulikkas A., “What is the smart electricity grid”, *Newspaper Φιλελεύθερος*, 12 Mar, 24 (in Greek) (2020).
- 2020b Poulikkas A., “What are the main pillars for the development of a sustainable energy strategy for Cyprus?”, *Newspaper Οικονομική Καθημερινή*, 5 Feb, 5 (in Greek) (2020).
- 2020a Poulikkas A., “How Blockchain technology can contribute to a sustainable development strategy”, *Newspaper Φιλελεύθερος*, 3 Jan, 26 (in Greek) (2020).
- 2019l Poulikkas A., “How can Cyprus develop a long-term strategy for sustainable development?”, *Newspaper Φιλελεύθερος*, 25 Dec, 6 (in Greek) (2019).
- 2019k Poulikkas A., “What is the definition of ‘the resource curse’?”, *Newspaper Αλήθεια*, 5 Nov, 24 (in Greek) (2019).
- 2019j Poulikkas A., “How Cyprus can determine its energy options by 2050?”, *Newspaper Αλήθεια*, 22 Sep, 16 (in Greek) (2019).
- 2019i Poulikkas A., “What is the difference between electricity wholesale and retail price?”, *Newspaper Αλήθεια*, 21 Aug, 16 (in Greek) (2019).
- 2019h Poulikkas A., “How to achieve effective competition in electricity markets?”, *Newspaper Πολίτης*, 11 Aug, 27 (in Greek) (2019).
- 2019g Poulikkas A., “How Cyprus’s energy goals can be promoted within the framework of Energy Union?”, *Newspaper Καθημερινή*, 7 Jul, 14 (in Greek) (2019).
- 2019f Poulikkas A., “Why regulatory intervention is needed in electricity markets?”, *Newspaper Πολίτης*, 9 Jun, 18 (in Greek) (2019).
- 2019e Poulikkas A., “How southeastern Mediterranean countries can pioneer the hydrogen economy”, *Newspaper Φιλελεύθερος*, 26 May, 9 (in Greek) (2019).
- 2019d Poulikkas A., “What is the meaning of hydrogen economy?”, *Newspaper Φιλελεύθερος*, 16 Apr, 26

- (in Greek) (2019).
- 2019c Poulikkas A., “Which are Norway’s ten hydrocarbon commandments?”, *Newspaper Πολίτης*, 28 Feb, 11 (in Greek) (2019).
- 2019b Poulikkas A., “How to develop a long-term energy strategy?”, *Newspaper Φιλελεύθερος*, 12 Feb, 27 (in Greek) (2019).
- 2019a Poulikkas A., “How the price of oil products can be determined?”, *Newspaper Χαραυγή*, 3 Jan, 22 (in Greek) (2019).
- 2018j Poulikkas A., “How can electricity markets function more cost-effectively?”, *Newspaper Σημερινή*, 16 Dec, 23 (in Greek) (2018).
- 2018i Poulikkas A., “How the use of electric vehicles affect the operation of the electricity system?”, *Newspaper Φιλελεύθερος*, 18 Nov, 9 (in Greek) (2018).
- 2018h Poulikkas A., “What is the difference between electricity markets and other products?”, *Newspaper Φιλελεύθερος*, 11 Oct, 13 (in Greek) (2018).
- 2018g Poulikkas A., “What is the difference between electrical power and electrical energy?”, *Newspaper Φιλελεύθερος*, 26 Sep, 26 (in Greek) (2018).
- 2018f Poulikkas A., “What is the methodology for the development of electricity tariffs?”, *Newspaper Πολίτης*, 22 Aug, 13 (in Greek) (2018).
- 2018e Poulikkas A., “What are the principles for efficient regulation in the energy sector?”, *Newspaper Αλήθεια*, 15 Aug, 14 (in Greek) (2018).
- 2018d Poulikkas A., “How the electricity system is affected from the increased use of solar technologies?”, *Newspaper Χαραυγή*, 16 Jul, 8 (in Greek) (2018).
- 2018c Poulikkas A., “What are the principles of operation of net-metering and net-billing?”, *Newspaper Φιλελεύθερος*, 27 Jun, 15 (in Greek) (2018).
- 2018b Poulikkas A., “Can flexible electricity demand change the way electricity is consumed?”, *Newspaper Φιλελεύθερος*, 30 May, 32 (in Greek) (2018).
- 2018a Poulikkas A., “Why solar panels and wind turbines make electricity more expensive?”, *Newspaper Σημερινή*, 13 May, 36 (in Greek) (2018).
- 2015k Poulikkas A., “The history of competitive electricity markets”, *Newspaper Αλήθεια*, 7 Jul, 41 (in Greek) (2015).
- 2015j Poulikkas A., “The future smart home”, *Newspaper Πολίτης*, 16 Jun, 11 (in Greek) (2015).
- 2015i Poulikkas A., “How the markets are affected by the oil prices?”, *Newspaper Σημερινή*, 27 May, 27 (in Greek) (2015).
- 2015h Poulikkas A., “The challenges of new energy era”, *Newspaper Πολίτης*, 20 May, 11 (in Greek) (2015).
- 2015g Poulikkas A., “The revolution of solar energy”, *Newspaper Πολίτης*, 20 Apr, 10 (in Greek) (2015).
- 2015f Poulikkas A., “Electricity interconnections for economic development”, *Newspaper Πολίτης*, 11 Apr, 11 (in Greek) (2015).
- 2015e Poulikkas A., “Cyprus opportunity from the Energy Union package”, *Newspaper Αλήθεια*, 25 Mar, 41 (in Greek) (2015).
- 2015d Poulikkas A., “The basic objectives of European Energy Union”, *Newspaper Σημερινή*, 12 Mar, 27 (in Greek) (2015).
- 2015c Poulikkas A., “The European Energy Union”, *Newspaper Σημερινή*, 3 Mar, 27 (in Greek) (2015).
- 2015b Poulikkas A., “The effect of oil price on the development of renewable energy sources”, *Newspaper Πολίτης*, 3 Feb, 11, (in Greek) (2015).

- 2015a Poulikkas A., “The international oil prices”, *Newspaper Σημερινή*, 3 Jan, 27 (in Greek) (2015).
- 2014g Poulikkas A., “The 8 strategic agreements between Russia and Turkey”, *Newspaper Φιλελεύθερος*, 6 Dec, 30 (in Greek) (2014).
- 2014f Poulikkas A., “EU energy targets towards 2030”, *Newspaper Αλήθεια*, 29 Oct, 39 (in Greek) (2014).
- 2014e Poulikkas A., “Opportunities for RES domination in Cyprus”, *Newspaper Αλήθεια*, 25 Jul, 41 (in Greek) (2014).
- 2014d Poulikkas A., “The integration of renewable energy sources in the Spanish electricity market”, *Newspaper Αλήθεια*, 24 Jun, 41 (in Greek) (2014).
- 2014c Poulikkas A., “The time for renewables participation in the electricity market has come”, *Newspaper Φιλελεύθερος*, 10 May, 26 (in Greek) (2014).
- 2014b Poulikkas A., “The role of Southeast Mediterranean region in EU-Russia energy battle”, *Newspaper Αλήθεια*, 29 Apr, 41 (in Greek) (2014).
- 2014a Poulikkas A., “Crimea’s energy sources”, *Newspaper Φιλελεύθερος*, 26 Apr, 17 (in Greek) (2014).
- 2013h Poulikkas A., “Why energy markets are complicated?”, *Newspaper Φιλελεύθερος*, 29 Dec, 7 (in Greek) (2013).
- 2013g Poulikkas A., “Natural monopoly and electricity”, *Newspaper Σημερινή*, 11 Dec, 26 (in Greek) (2013).
- 2013f Poulikkas A., “Energy geopolitical games in Southeast Mediterranean region”, *Newspaper Πολίτης*, 28 Nov, 11, (in Greek) (2013).
- 2013e Poulikkas A., “Long term energy strategy”, *Newspaper Σημερινή*, 16 Jul, 25 (in Greek) (2013).
- 2013d Poulikkas A., “Energy targeting”, *Newspaper Αλήθεια*, 4 Jun, 40 (in Greek) (2013).
- 2013c Poulikkas A., “Energy collaborations for Cyprus”, *Newspaper Καθημερινή*, 10 Apr, 18 (in Greek) (2013).
- 2013b Poulikkas A., “The resource curse for Cyprus”, *Newspaper Σημερινή*, 25 Mar, 25 (in Greek) (2013).
- 2013a Poulikkas A., “The energy battle for Cyprus’s hydrocarbons”, *Newspaper Πολίτης*, 20 Mar, 30 (in Greek) (2013).
- 2012g Poulikkas A., “The time of inter-parties energy agreements”, *Newspaper Φιλελεύθερος*, 10 Jul, 18 (in Greek) (2012).
- 2012f Poulikkas A., “The EU post-2020 RES policy”, *Newspaper Πολίτης*, 23 Jun, 14 (in Greek) (2012).
- 2012e Poulikkas A., “The Norwegian 10 oil commandments”, *Newspaper Σημερινή*, 12 Jun, 23 (in Greek) (2012).
- 2012d Poulikkas A., “Future sustainable energy systems”, *Renewable Green Energy Power*, Apr (2012) • URL: <http://www.renewablegreenenergypower.com/>
- 2012c Poulikkas A., “Electricity generation cost in isolated power systems”, *Newspaper Πολίτης*, 15 Mar, 14 (in Greek) (2012).
- 2012b Poulikkas A., “Electricity saving measures”, *Newspaper Πολίτης*, 16 Feb, 14 (in Greek) (2012).
- 2012a Poulikkas A., “EU energy 2050 road map - What about Cyprus?”, *Ευρωκέρδος*, Φεβ, 66 (in Greek) (2012).
- 2011k Poulikkas A., “Development of energy strategy and policy - Denmark vs Cyprus”, *Newspaper Καθημερινή*, 23 Nov (in Greek) (2011).
- 2011j Poulikkas A., “EU energy infrastructures”, *Newspaper Σημερινή*, 16 Nov, 11 (in Greek) (2011).
- 2011i Poulikkas A., “Electric vehicles – The revolution in the transport sector”, *Newspaper Χαραυγή*, 13 Oct, 34 (in Greek) (2011).

- 2011h Poulikkas A., “Sustainable use of Cyprus hydrocarbon reserves”, *Ευρωκέρδος*, Oct, 84 (in Greek) (2011).
- 2011g Poulikkas A., “Energy policy for Cyprus”, *Newspaper Φιλελεύθερος*, 28 Aug, 21 (in Greek) (2011).
- 2011f Poulikkas A., “Green jobs”, *Newspaper Χαραυγή*, 3 Jul, 74 (in Greek) (2011).
- 2011e Poulikkas A., “Energy investments for Cyprus”, *Newspaper Φιλελεύθερος*, 22 May, 37 (in Greek) (2011).
- 2011d Poulikkas A., “The future energy cost”, *Ευρωκέρδος*, May, 86-87 (in Greek) (2011).
- 2011c Poulikkas A., “The Mediterranean solar energy plan”, *Οικοενημέρωση*, 13, 16-19 (in Greek) (2011).
- 2011b Poulikkas A., “Third industrial revolution and the role of Cyprus”, *Newspaper Πολίτης*, 8 Mar, 13 (in Greek) (2011).
- 2011a Poulikkas A., “Cyprus in the new energy environment”, *Newspaper Φιλελεύθερος*, 20 Feb, 55 (in Greek) (2011).
- 2010q Poulikkas A., “Green development for Cyprus”, *Οικοενημέρωση*, 12, 22-24 (in Greek) (2010).
- 2010p Poulikkas A., “The climate-energy package”, *Οικοενημέρωση*, 11, 19-20 (in Greek) (2010).
- 2010o Poulikkas A., “The energy world of the future”, *Σύγχρονη Άποψη*, 24, 66-68 (in Greek) (2010).
- 2010n Poulikkas A., “Long term energy policy for Cyprus”, *Newspaper Φιλελεύθερος*, 29 Aug, 52 (in Greek) (2010).
- 2010m Poulikkas A., “Mediterranean solar energy plan”, *Newspaper Φιλελεύθερος*, 15 Aug, 35 (in Greek) (2010).
- 2010l Poulikkas A., “Climate change and energy poverty”, *Newspaper Χαραυγή*, 6 Aug, 40 (in Greek) (2010).
- 2010k Poulikkas A., “How to conserve energy”, *Newspaper Χαραυγή*, 20 Jul, 40 (in Greek) (2010).
- 2010j Poulikkas A., “Energy conservation: The big brother of renewable energy sources”, *Newspaper Χαραυγή*, 13 Jul, 47 (in Greek) (2010).
- 2010i Poulikkas A., “World energy future”, *Newsletter of the Technical Chamber of Cyprus*, 132, 12-13 (in Greek) (2010).
- 2010h Poulikkas A., “Cyprus energy challenges”, *Newspaper Σημερινή*, 25 Apr, 53 (in Greek) (2010).
- 2010g Poulikkas A., “The cost of energy policy delay”, *Οικοενημέρωση*, 9, 24-27 (in Greek) (2010).
- 2010f Poulikkas A., “Energy policy”, *Newspaper Σημερινή*, 07 Mar, 57 (in Greek) (2010).
- 2010e Poulikkas A., “The future energy world”, *Newspaper Σημερινή*, 21 Feb, 58 (in Greek) (2010).
- 2010d Poulikkas A., “Concentrated solar power plants”, *Newspaper Σημερινή*, 17 Jan, 41 (in Greek) (2010).
- 2010c Poulikkas A., “Sustainable development and energy policy”, *Newspaper Σημερινή*, 03 Jan, 44 (in Greek) (2010).
- 2010b Poulikkas A. “Future energy systems and technological developments”, *Επιστημονικές Ημερίδες ΣΕΠΑΗΚ 2008-2009*, 55-70 (in Greek) (2010).
- 2010a Poulikkas A. “EAC challenges for EU Energy package”, *Επιστημονικές Ημερίδες ΣΕΠΑΗΚ 2008-2009*, 13-17 (in Greek) (2010).
- 2009s Poulikkas A., “Long term energy policy”, *Newspaper Σημερινή*, 29 Nov, 55 (in Greek) (2009).
- 2009r Poulikkas A., “Future technological developments in electric cars”, *Newspaper Σημερινή*, 27 Sep, 61 (in Greek) (2009).
- 2009q Poulikkas A., “Energy conservation in the tourism industry”, *Newspaper Σημερινή*, 9 Aug, 28 (in Greek) (2009).

- Greek) (2009).
- 2009p Poulikkas A., “The use of renewables in the tourism industry”, *Newspaper Σημερινή*, 26 Jul, 54 (in Greek) (2009).
- 2009o Poulikkas A., “Carbon dioxide reduction measures”, *Newspaper Σημερινή*, 12 Jul, 77 (in Greek) (2009).
- 2009n Poulikkas A., “Cyprus’s energy future”, *Newspaper Σημερινή*, 5 Jul, 77 (in Greek) (2009).
- 2009m Poulikkas A., “Towards new energy era of hydrogen economy RES”, *Οικοενημέρωση*, 6, 22-25 (in Greek) (2009).
- 2009l Poulikkas A., “The world energy crisis”, *Newspaper Σημερινή*, 7 Jun, 37 (in Greek) (2009).
- 2009k Poulikkas A., “Nuclear power option for Cyprus”, *Newspaper Σημερινή*, 31 May, 54 (in Greek) (2009).
- 2009j Poulikkas A., “Cyprus energy options”, *Newspaper Σημερινή*, 24 May, 52 (in Greek) (2009).
- 2009i Poulikkas A., “Sun: The energy future for Cyprus”, *Newspaper Σημερινή*, 10 May, 37 (in Greek) (2009).
- 2009h Poulikkas A., “Sustainable energy policy and economic development”, *Newsletter of the Technical Chamber of Cyprus*, 121, 20 (in Greek) (2009).
- 2009g Poulikkas A., “RES promotion mechanism”, *Οικοενημέρωση*, 5, 6-8 (in Greek) (2009).
- 2009f Poulikkas A., “The model of sustainable development”, *Newspaper Σημερινή*, 29 Mar, 77 (in Greek) (2009).
- 2009e Poulikkas A., “Sustainable energy policy and security of supply”, *Newspaper Σημερινή*, 15 Mar, 48 (in Greek) (2009).
- 2009d Poulikkas A., “Sustainable economic development”, *Newspaper Σημερινή*, 22 Feb, 52 (in Greek) (2009).
- 2009c Poulikkas A., “Greenhouse gas emissions trading - Penalty or financial incentive”, *Οικοενημέρωση*, 4, 42-43 (in Greek) (2009).
- 2009b Poulikkas A., “Mechanisms for the promotion of RES”, *Magazine Εντός Ευρώπης*, 2, (in Greek) (2009) • URL: <http://www.ekdoseismeta.com>
- 2009a Poulikkas A., “Energy conservation in buildings”, *Newspaper Σημερινή*, 18 Jan, 71 (in Greek) (2009).
- 2008v Poulikkas A., “Greenhouse gas emissions trading”, *Newspaper Σημερινή*, 11 Dec, 91 (in Greek) (2008).
- 2008u Poulikkas A., “EU energy policy”, *Magazine Εντός Ευρώπης*, 1, (in Greek) (2008) • URL: <http://www.ekdoseismeta.com>
- 2008t Poulikkas A., “Current and nuclear power technologies”, *EAC News*, 95, 20-22 (in Greek) (2008).
- 2008s Poulikkas A., “International Conference on Deregulated Electricity Market Issues in South-Eastern Europe”, *EAC News*, 95, 5-6 (in Greek) (2008).
- 2008r Poulikkas A., “Nuclear fusion power generation”, *Newsletter of the Technical Chamber of Cyprus*, 116, 14-15 (in Greek) (2008).
- 2008q Poulikkas A., “The use of renewable energy sources”, *Newspaper Σημερινή*, 2 Nov, 77 (in Greek) (2008).
- 2008p Poulikkas A., “Towards hydrogen economy”, *Newspaper Σημερινή*, 19 Oct, 79 (in Greek) (2008).
- 2008o Poulikkas A., “Cyprus role in hydrogen economy”, *Newspaper Σημερινή*, 5 Oct, 77 (in Greek) (2008).
- 2008n Poulikkas A., “Electricity storage technologies”, *Newspaper Σημερινή*, 24 Aug, 63 (in Greek) (2008).

- 2008m Poulikkas A., "Power generation with nuclear fusion", *Newspaper Σημερινή*, 17 Aug, 64 (in Greek) (2008).
- 2008l Poulikkas A., "Sustainable energy economy", *Newspaper Σημερινή*, 10 Aug, 63 (in Greek) (2008).
- 2008k Poulikkas A., "The G8 decision on the reduction of greenhouse gases", *Newspaper Σημερινή*, 3 Aug, 62 (in Greek) (2008).
- 2008j Poulikkas A., "Renewable energy sources", *Newspaper Σημερινή*, 6 Jul, 77 (in Greek) (2008).
- 2008i Poulikkas A., "The G8 conclusions on carbon capture and storage", *Newspaper Σημερινή*, 23 Jun, 76 (in Greek) (2008).
- 2008h Poulikkas A., "The need of Energy Strategy Council in Cyprus", *Newspaper Σημερινή*, 1 Jun, 34 (in Greek) (2008).
- 2008g Poulikkas A., "Towards a strategic energy technology plan", *EAC News*, 93, 21-22 (in Greek) (2008).
- 2008f Poulikkas A., "Sustainable energy policy for Europe", *Οικονομημέρωση*, 1, 36-39 (in Greek) (2008).
- 2008e Poulikkas A., "Future energy technologies", *Newspaper Σημερινή*, 30 Mar, 79 (in Greek) (2008).
- 2008d Poulikkas A., "Power generation and the associated environmental cost", *Newspaper Σημερινή*, 17 Feb, 109 (in Greek) (2008).
- 2008c Poulikkas A., "Future society energy demand - Hydrogen economy", *EAC News*, 92, 23-24 (in Greek) (2008).
- 2008b Poulikkas A., "The EU common energy policy", *Newspaper Σημερινή*, 10 Feb, 31 (in Greek) (2008).
- 2008a Poulikkas A., "The need for an energy policy council in Cyprus", *Newspaper Σημερινή*, 27 Jan, 31 (in Greek) (2008).
- 2007j Poulikkas A., "The new EU energy package on the future energy systems", *EAC News*, 91, 19-22 (in Greek) (2007).
- 2007i Poulikkas A., "EU target on reducing carbon based fuels", *Newspaper Σημερινή*, 12 Oct, 13 (in Greek) (2007).
- 2007h Poulikkas A., "The new EU energy package", *Newsletter of the Technical Chamber of Cyprus*, 103, 18-19 (in Greek) (2007).
- 2007g Poulikkas A., "The EU policy on the future energy systems", *EAC News*, 90, 26-27 (in Greek) (2007).
- 2007f Poulikkas A., "Photovoltaic systems-The DISTRES project", *EAC News*, 90, 24-25 (in Greek) (2007).
- 2007e Poulikkas A., "Electricity consumption reduction in dwellings", *Newspaper Σημερινή*, 2 Sep, 63 (in Greek) (2007).
- 2007d Poulikkas A., "The need for national energy policy", *Newspaper Σημερινή*, 5 Aug, 25 (in Greek) (2007).
- 2007c Poulikkas A., "The future hydrogen economy", *Newspaper Σημερινή*, 2 June, 33 (in Greek) (2007).
- 2007b Poulikkas A., "The future European energy system", *Newspaper Σημερινή*, 15 May, 35 (in Greek) (2007).
- 2007a Poulikkas A., "The European Commission new energy package", *Newspaper Σημερινή*, 14 May, 37 (in Greek) (2007).
- 2006 Poulikkas A., "Hydrogen production pilot plan", *EAC News*, 88, 20-21 (in Greek) (2006).
- 2005c Poulikkas A., "Distributed generation research and development activities within EAC", *EAC News*, 87, 24-25 (in Greek) (2005).
- 2005b Poulikkas A., "EAC research activities in distributed generation", *Newspaper Χαρavyή*, 19 Apr, 17 (in Greek) (2005).

- 2005a Poulikkas A., "EAC incentives on research activities", *EAC News*, 86, 10-11 (in Greek) (2005).
- 2004c Poulikkas A., "Energy policy and economic development", *Έπαλξη*, 6, 10-12 (in Greek) (2004).
- 2004b Poulikkas A., "Advances in nuclear fusion", *Έπαλξη*, 5, 4-5 (in Greek) (2004).
- 2004a Poulikkas A., "The role of environmental-economic analysis in the power sector", *Technical World*, 46, 48-49 (in Greek) (2004).
- 2003c Poulikkas A., "The globalization of the electricity sector and the role of environmental-economic analysis", *Έπαλξη*, 4, 6-7 (in Greek) (2003).
- 2003b Poulikkas A., "Hydrogen production using renewable energy sources", *EAC News*, 82, 12-13 (in Greek) (2003).
- 2003a Poulikkas A., "The EU Accession Treaty and the promotion of renewable energy sources in Cyprus", *Έπαλξη*, 2, 25-27 (in Greek) (2003).
- 2002d Poulikkas A., "Renewable energy sources for power generation", *EAC News*, 78, 20-21 (in Greek) (2002).
- 2002c Poulikkas A., "Electricity production from renewable energy sources", *Newspaper Πολίτης*, 17 Mar, B8 (in Greek) (2002).
- 2002b Poulikkas A., "Environmental indicators and energy", *EAC News*, 77, 16-17 (in Greek) (2002).
- 2002a Poulikkas A., "The contribution of renewable energy sources", *Newspaper Φιλελεύθερος*, 10 Feb, C6 (in Greek) (2002).
- 2001d Poulikkas A., "Environmental cost and carbon tax", *Newspaper Φιλελεύθερος*, 21 Oct, C1 (in Greek) (2001).
- 2001c Poulikkas A., "Mars terraforming", *Το Πέρασμα*, 7, 31-34 (in Greek) (2001).
- 2001b Poulikkas A., "The price of pollution", *Power Engineering International*, 16-18, April (2001).
- 2001a Poulikkas A., "Globalization of the electricity sector", 2-15 Mar (in Greek) (2001) • URL: <http://www.moneynet.com.cy>
- 2000d Poulikkas A., Kellas A., "Conventional fuels", *Technical World*, 37, 43-46 (in Greek) (2000).
- 2000c Poulikkas A., "Cyprus energy policy and natural gas", 15 Sep-5 Oct (in Greek) (2000) • URL: <http://www.moneynet.com.cy>
- 2000b Poulikkas A., "Environmental fluid mechanics and atmospheric pollution", *EAC News*, 70, 8-9 (in Greek) (2000).
- 2000a Poulikkas A., "Power generation and demand forecasting", <http://www.moneynet.com.cy>, 9-21 June (in Greek) (2000).
- 1999b Poulikkas A., "Power generation with nuclear fusion", *EAC News*, 66, 22-23 (in Greek) (1999).
- 1999a Poulikkas A., "Future world energy demand and nuclear fission", *Technical World*, 35, 53-58 (in Greek) (1999).
- 1998 Poulikkas A., "Standards for low frequency electric and magnetic fields", *EAC News*, 63, 10-11, (in Greek) (1998).
- 1996 Poulikkas A., "Computational analysis of fluid flows", *EAC News*, 55, 16-17, (in Greek) (1996).
- 1994g Poulikkas A., "Velikofsky, the catastrophic theory", *Science and Technology*, 17, 59-61 (in Greek) (1995).
- 1994f Poulikkas A., "The relativity of time", *Science and Technology*, 12, 58-63 (in Greek) (1994).
- 1994e Poulikkas, A., "Fundamentals of lasers", *Mechanical News*, 12, 46-47 (in Greek) (1994).
- 1994d Poulikkas A., "Nuclear power generation", *Newspaper Αγών*, 5 Apr, 4 (in Greek) (1994).

- 1994c Poulikkas A., “Culture and science”, *Newspaper Αγών*, 3 Apr, 4 (in Greek) (1994).
- 1994b Poulikkas A., “Cold fusion”, *Mechanical News*, 10, 34-35 (in Greek) (1994).
- 1994a Poulikkas, A., “Hot water central heating systems”, *Mechanical News*, 10, 29-32 (in Greek) (1994).
- 1993c Poulikkas A., “The failure of NASA program Mars Observer”, *Newspaper Φιλελεύθερος*, 19 Sep, 19 (in Greek) (1993).
- 1993b Poulikkas A., “Cold fusion”, *Newspaper Αγών*, 5 Sep, 12 (in Greek) (1993).
- 1993a Poulikkas A., “Recycling of used packaging”, *Newspaper Φιλελεύθερος*, 24 Aug, 17 (in Greek) (1993).