

Name **Professor Konstantinos J. Chalvatzis**
 Chair in Sustainable Energy Business

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ACADEMIC APPOINTMENTS

- 2019 - **Academic Director** for ClimateUEA
 Vice-Chancellor's Office, University of East Anglia, UK
- 2018 –
 (2nd term) **Associate Dean for Innovation**
 Faculty of Social Sciences, University of East Anglia, UK
- 2017 - **Professor of Sustainable Energy Business**
 Norwich Business School (NBS) and Tyndall Centre for Climate Change Research
 University of East Anglia, UK
- 2015 - **Visiting Professor in Resource Economics and Sustainable Development**
 School of Economics, Management and Statistics
 University of Bologna, Italy
- 2015 - 2017 **Associate Professor in Business and Climate Change**
 Norwich Business School (NBS) and Tyndall Centre for Climate Change Research
 University of East Anglia, UK
- 2014 - 2016 **Visiting Research Scholar**
 Department of Geographical Sciences, University of Maryland College Park, MD, US.
- 2013 - **Visiting Research Fellow**
 Department of Mechanical Engineering, University of West Attica, Greece
- 2010 - 2015 **Assistant Professor in Business and Climate Change**
 Norwich Business School (NBS) and Tyndall Centre for Climate Change Research
 University of East Anglia, UK

EDUCATION

- 2013 **PgCert in Higher Education Practice**
- 2012 **PhD in Environmental Social Sciences**
 “Analysis of the evaluation of electricity supply security: Case studies for electricity sector incumbents and policy makers in Greece and Poland”, School of Environmental Sciences, University of East Anglia, UK
 supervised by Professor Jacquie Burgess (School of Environmental Sciences); and Professor Catherine Waddams (Centre for Competition Policy, Norwich Business School)
- 2007 **MSc in Environmental Policy and Management**
 School of Environmental Studies, Aegean University, Greece
- 2006 **International Program on the Management of Sustainability** (Program on Negotiations)
 with faculty from Harvard – MIT Public Disputes Program and the Consensus Building Institute
- 2004 **BEng in Mechanical Engineering – Energy Technology Group**
 University of West Attica, Greece

EXTERNALLY FUNDED RESEARCH PROJECTS

2022 Offshore wind Industry Council	Clearing the Pathway for Women in Wind; <i>Co-Investigator</i> ; Funding to tackle gender imbalance in the offshore wind energy industry. £12k.
2021-2027 Leverhulme Trust	The Critical Decade for Climate Change Leverhulme Doctoral Scholars; <i>Co-Investigator</i> ; Funding for a Doctoral Training Centre with 20 scholarships. £1.35m.
2021-2022 NERC UK	Discipline Hopping Research Scheme; <i>Institutional Chair</i> ; Funding to support academic discipline hopping for climate researchers at UEA. £75k.
2020-2023 INTERREG FCE	CIRCLE - Concrete Solution Draining for the Climate and Environment; <i>Principal Investigator</i> ; Support the Circular Economy aspects of sustainable concrete in the FCE area. £3.7m.
2020-2023 Erasmus+	Aurora European Universities Alliance; <i>Co-Investigator</i> ; Funding to create an educational alliance among 9 European Universities. £708k.
2020-2022 UK Foreign Office China Prosperity Fund	Flexible Demand to Integrate Intermittent Renewables; <i>Technical Expert</i> ; China Energy and Low Carbon Economy Programme.
2020-2021 EU Commission	Support study for the revision of the EU Guidelines on State Aid for environmental protection and energy; <i>Sector Expert</i> . €425k.
2020-2021 HEDNO, GR	Strategic masterplan for the electricity distribution network operator of Greece; <i>Sector Expert</i> . €12k.
2016-2023 INTERREG FCE	ICE - Intelligent Community Energy; <i>Principal Investigator</i> ; Support the transition to a low-carbon economy in the France (Channel) England Area. €8m.
2016-17 OECD	Provision of Specialised Consultant (Energy Dimension) for the South East Europe Competitiveness Outlook 2018; <i>Senior Consultant</i> . €43k.
2016-2017 Newton Fund	Energy Security and Energy Equity for China; <i>Principal Investigator</i> ; Collaborative project with the University of Fudan, Shanghai. £8k.
2015-2019 EU H2020 Low Carbon Energy	TILOS - Technology Innovation for the Local Scale, Optimum Integration of Battery Energy Storage; <i>Principal Investigator</i> ; Developing the business case for 100% renewable energy economy based on technological innovation. €15m.
2014-2015 British Council	Researcher Links – Does the polluter pay? Electricity trade and emissions leakage in Integrated EU power market; <i>Principal Investigator</i> ; Collaborative project with the University of Maryland, College Park. £8k.
2008-2009 ESRC, UK Gov.	Low Carbon Competitive Solutions: enabling sustainable behavioral change” – <i>Research Associate</i> . £120k.
2005 - 2006 Min. of Education Greece	Integrated Study and Prediction of Electricity Related Air Pollution NO_x, SO₂, CO₂ towards the New EU Directives for the Quality of the Atmospheric Environment; <i>Research Assistant</i> . €40k.

TEACHING EXPERIENCE

Undergraduate: Industrial Ecology; Industrial Development and the Environment; Corporate Sustainability; International Business; Information Systems for Management

Postgraduate: Energy Decarbonisation and the Transition to Net Zero; Renewable Energy Production; Innovation Management; Energy Business Futures; Corporate Social Responsibility

Executive Education and MBA: Energy Transition Leadership; Sustainable Management; Risk Management and Climate Change; Climate Change Governance and Compliance; Low Carbon Technologies and Solutions; and Climate Change & Energy: Past, Present and Future

PUBLICATIONS IN PEER REVIEWED JOURNALS

- Botelho T, Mason C, **Chalvatzis KJ**. 2022. 50 shades of green – angel investing in green businesses. *IEEE Transactions of Engineering Management*. IF:6.146(Q1). CABS 3. ABDC(A).
- Spyropoulos GC, Nastos PT, Moustiris KP, **Chalvatzis KJ**. 2022. Transportation and Air Quality. Perspectives and Projections in a Mediterranean Country. The Case of Greece. *Land*, 11(2), 152. IF: 3.398(Q2). Citations:1.
- Vafadarnikjoo A, Tavana M, **Chalvatzis KJ**, Botelho T. 2021. A socio-economic and environmental vulnerability assessment model with causal relationships in electric power supply chains. *Socio-Economic Planning Sciences*, Proofs. IF:4.923(Q1). Citations:3. CABS 2.
- Kallis G, Stephanides P, Bailey E, Devine-Wright P, **Chalvatzis KJ**, Bailey I. 2021. The Challenges of engaging island communities: Lessons on renewable energy from a review of 17 case studies. *Energy Research and Social Science*, 81, 102257. IF:6.834(Q1). Citations:9.
- Ioannidis A, **Chalvatzis KJ**, Leonidou L, Zhiteng F. 2021. Applying the 3Rs principle in the hospitality sector: Its antecedents and performance implications. *Business Strategy and the Environment*. IF:10.302(Q1). Citations:7. CABS 3. ABDC(A).
- Vafadarnikjoo A, Ahmadi HB, Liou JJH, Botelho T, **Chalvatzis KJ**. 2021. Analyzing Blockchain Adoption Barriers in Manufacturing Supply Chains by Neutrosophic Analytic Hierarchy Process. *Annals of Operations Research*, 1-28. IF:4.854(Q1). Citations:31. CABS 3. ABDC(A).
- Melloni G, Symitsi E, **Chalvatzis KJ**. 2020. Drivers of Corporate Reporting on Sustainable Development Goals. *Academy of Management Proceedings*, 1,17470. Citations:2.
- Chalvatzis KJ**, Ormosi PL. 2020. The carbon impact of flying to economics conferences: is flying more associated with more citations? *Journal of Sustainable Tourism*, 29(1), 40-67. IF:7.968(Q1). Citations:19. CABS 3. ABDC(A*).
- Apostolopoulos N, **Chalvatzis KJ**, Liargovas P, Newbery R, Rokou E. 2020. The role of the expert knowledge broker in rural development: renewable energy funding decisions in Greece. *Journal of Rural Studies*, 78, 96-106. IF:4.849(Q1). Citations:14. CABS 3.
- Mendoza-Tinoco D, Hu Y, Zeng Z, **Chalvatzis KJ**, Zhang N, Steenge AE, Guan D. 2020. Flood Footprint Assessment: A Multi-regional Case of 2009 Central European Floods. *Risk Analysis: An International Journal*, 40(8), 1612-1631. IF:4.000(Q1). Citations:6. CABS 4.
- Vafadarnikjoo A, Tavana M, **Chalvatzis KJ**, Botelho T. 2020. A Neutrosophic Enhanced Best-Worst Method for Considering Decision-Makers' Confidence in the Best and Worst Criteria. *Annals of Operations Research*, 289(2),391-418. IF:4.854(Q1). Citations:14. CABS 3. ABDC(A).
- Pitelis AT, Vasilakos N, **Chalvatzis KJ**. 2020. Fostering Innovation in Renewable Energy Technologies: Choice of policy instruments and effectiveness. *Renewable Energy*, 155, 1163-1172. IF:8.001(Q1). Citations:39.
- Stamolampros P, Korfiatis, N, **Chalvatzis KJ**, Bouhalis D. 2020. Harnessing the "Wisdom of Employees" from Online Reviews. *Annals of Tourism Research*, 80,102694. IF:9.011(Q1). Citations:22. CABS 4. ABDC(A*).
- Stephanides P, **Chalvatzis KJ**, Li X, Lettice F, Guan D, Ioannidis A, Zafirakis D, Papapostolou C. 2019. The social perspective on the sustainable energy transition of island communities: Evidence from the Aegean Sea islands. *Applied Energy*, 255, 113725. IF:9.746(Q1). Citations:15. ABDC(A).
- Stamolampros P, Korfiatis, N, **Chalvatzis KJ**, Buhalis D. 2019. Job Satisfaction & Employee Turnover Determinants. *Tourism Management*, 75, 130-147. IF:10.967(Q1). Citations:153. CABS 4. ABDC(A*).
- Chalvatzis KJ**, Malekpoor H, Mishra N, Lettice F, Choudhary S. 2019. Sustainable resource allocation for power generation: The role of big data in enabling interindustry architectural innovation. *Technological Forecasting and Social Change*, 144, 381-393. IF:8.593(Q1). Citations:28. CABS 3. ABDC(A).
- Ioannidis A, **Chalvatzis KJ**, Li X, Notton G, Stephanides, P. 2019. The case for Islands' Energy Vulnerability: Electricity Supply Diversity in 44 Global Islands. *Renewable Energy*, 143, 440-452. IF:8.001(Q1). Citations:33.
- Pitelis AT, Vasilakos N, **Chalvatzis KJ**, Pitelis C. 2019. Can Industrial Policy Pick Winning Renewable Energy Technologies in the OECD and EU Regions? *Cambridge Journal of Regions, Economy and Society*, 12(2), 271-292. IF:8.003(Q1). Citations:8. CABS 3.
- Symitsi E, **Chalvatzis KJ**. 2019. The Economic Value of Bitcoin: A Portfolio Analysis of Currencies, Gold, Oil and Stocks. *Research in International Business and Finance*, 48, 97-110. IF:4.091(Q1). Citations:134. CABS2.

- Notton G, Duchaud JL, Nivet ML, Voyant C, **Chalvatzis KJ**, Fouilloy A. 2019. The electrical energy situation of French islands and focus on the Corsican situation. *Renewable Energy*, 135, 1157-1165. IF:8.001(Q1). Citations:11.
- Tzanes G, Zafeiraki E, Papapostolou C, Zafirakis D, Moustiris K, Kavadias K, **Chalvatzis KJ**, Kaldellis JK. 2019. Assessing the Status of Electricity Generation in the Non-Interconnected Islands of the Aegean Sea Region. *Energy Procedia*, 159, 424-429. Citations:12.
- Stephanides P, **Chalvatzis KJ**, Li X, Mantzaris N, Prodromou M, Papapostolou C, Zafirakis D. 2019. Sustainable energy solutions for the Aegean Archipelago Islands: What is the public attitude? *Energy Procedia*, 159, 243-248. Citations:5.
- Symitsi E, **Chalvatzis KJ**. 2018. Return, Volatility and Shock Spillovers of Bitcoin with Energy and Technology Companies. *Economics Letters*, 170, 127-130. IF:2.097(Q2). Citations:110. CABS 3. ABDC(A).
- Stephanides P, **Chalvatzis KJ**, Li X, Mantzaris N, Prodromou M, Papapostolou C, Zafirakis D. 2019. Public perception of sustainable energy innovation: A case study from Tilos, Greece. *Energy Procedia*, 159, 249-254. Citations:6.
- Malekpoor H, **Chalvatzis KJ**, Mishra N, Ramudhin A. 2019. A Hybrid Approach of VIKOR and Bi-Objective Integer Linear Programming for Electrification Planning in a Disaster Relief Camp. *Annals of Operations Research*, 283(1), pp.443-469. IF:4.854(Q1). Citations:17. CABS 3. ABDC(A).
- Li X, **Chalvatzis KJ**, Stephanides P, Papapostolou C, Kondyli E, Kaldellis K, Zafirakis D. 2019. Brining innovation to market: business models for battery storage. *Energy Procedia*, 159, 327-332. Citations:13.
- Li X, **Chalvatzis KJ**, Stephanides P. 2018. Innovative energy islands: Life-cycle cost-benefit analysis for battery energy storage. *Sustainability*, 10(10), 3371. IF:3.251(Q1). Citations:37.
- Pappas D, **Chalvatzis KJ**, Guan D, Ioannidis A. 2018. Energy and Carbon Intensity: A Study on the Cross-Country Industrial Shift from China to India and SE Asia. *Applied Energy*, 225, 183-194. IF:9.746(Q1). Citations:39. ABDC(A).
- Li X, **Chalvatzis KJ**, Pappas D. 2018. Life cycle green-house gas emissions from power generation in China's provinces in 2020. *Applied Energy*, 223, 93-102. IF:9.746(Q1). Citations:31. ABDC(A).
- Vafadarnikjoo A, Mishra N, Govindan K, **Chalvatzis KJ**. 2018. Assessment of Consumers' Motivations to Purchase a Remanufactured Product by Applying Fuzzy Delphi Method and Single Valued Neutrosophic Sets. *Journal of Cleaner Production*, 196. IF:9.297(Q1). Citations:77. ABDC(A).
- Hills JM, Michalena E, **Chalvatzis KJ**. 2018. Innovative Technology in the Pacific: Building Resilience for Vulnerable Communities. *Technological Forecasting and Social Change*, 129, 16-26. IF:8.593(Q1). Citations:33. CABS 3. ABDC(A).
- Ioannidis A, **Chalvatzis KJ**. 2017. Energy supply sustainability for island nations: a study on 8 global islands. *Energy Procedia*, 142, 3028–3034. Citations:26.
- Li X, **Chalvatzis KJ**. 2017. China's electricity emission intensity in 2020 – an analysis at provincial level. *Energy Procedia*, 142, 2779–2785. Citations:32.
- Pappas D, **Chalvatzis KJ**. 2017. Industrial Relocation and CO2 Emission Intensity: Focus on the Potential Cross-Country Shift from China to India and SE Asia. *Energy Procedia*, 142, 2898–2904. Citations:14.
- Rutter R, **Chalvatzis KJ**, Roper S, Lettice F. 2017. Branding instead of product innovation: a study on the brand personalities of the UK's electricity market. *European Management Review*, 15(2), 255-272. IF:2.534(Q3). Citations:34. CABS 3.
- Chalvatzis KJ**, Ioannidis A. 2017. Energy Supply Security in the EU: Benchmarking Diversity and Dependence of Primary Energy. *Applied Energy*, 207, 465-476. IF:9.746(Q1). Citations:124. ABDC(A).
- Chalvatzis KJ**, Ioannidis A. 2017. Energy supply security and financial vulnerability: the case of southern Europe and Ireland. *Energy Procedia*, 105, 2916–2922. Citations:36.
- Malekpoor H, **Chalvatzis KJ**, Mishra N, Mehlawat MK, Zafirakis D, Song M. 2017. Integrated Grey Relational Analysis and Multi Objective Grey Linear Programming for Sustainable Electricity Generation Planning. *Annals of Operations Research*, 1-29. IF:4.854(Q1). Citations:72. CABS 3. ABDC(A).
- Pothitou M, Hanna RF, **Chalvatzis KJ**. 2017. ICT Entertainment appliances' impact on domestic electricity consumption. *Renewable and Sustainable Energy Reviews*, 69, 843-853. IF:14.982(Q1). Citations:61.
- Pappas D, **Chalvatzis KJ**. 2017. Energy and industrial growth in India: the next emissions superpower? *Energy Procedia*, 105, 2916–2922. Citations:36.

- Hofmann J, Guan D, **Chalvatzis KJ**, Huo H. 2016. Assessment of electrical vehicles as a successful driver for reducing CO₂ emissions in China. *Applied Energy*, 184, 995-1003. IF:9.746(Q1). Citations:126. ABDC(A).
- Pothitou M, Hanna RF, **Chalvatzis KJ**. 2016. Environmental knowledge, pro-environmental behaviour and energy savings in households: An empirical study. *Applied Energy*, 184, 1217-1229. IF:9.746(Q1). Citations:244. ABDC(A).
- Zafirakis D, **Chalvatzis KJ**, Baiocchi G, Daskalakis G. 2016. The value of arbitrage for energy storage: Evidence from European electricity markets. *Applied Energy*, 184, 971-986. IF:9.746(Q1). Citations:118. ABDC(A).
- Chalvatzis KJ**, Rubel K. 2015. Electricity portfolio innovation for energy security: the case of carbon constrained China. *Technological Forecasting and Social Change*, 100, 267-276. IF:8.593(Q1). Citations:43. CABS 3. ABDC(A).
- Zafirakis D, **Chalvatzis KJ**, Baiocchi G. 2015. Embodied CO₂ emissions and cross-border electricity trade in Europe: rebalancing burden sharing with energy storage. *Applied Energy*, 143, 283-300. IF:9.746(Q1). Citations:45. ABDC(A).
- Zafirakis D, Elmasides C, Sauer DU, Leuthold M, Merei G, Kaldellis JK, Vokas G, **Chalvatzis KJ**. 2014, The Multiple Role of Energy Storage in the Industrial Sector: Evidence from a Greek Industrial Facility. *Energy Procedia*, 46, 178-185. Citations:32.
- Zafirakis D, **Chalvatzis KJ**. 2014. Wind energy and natural gas-based energy storage to promote energy security and lower emissions in island regions. *Fuel*, 115, 203-219. IF:6.609(Q1). Citations:31.
- Zafirakis D, **Chalvatzis KJ**, Kaldellis JK. 2013. Socially just support mechanisms for the promotion of renewable energy sources in Greece. *Renewable & Sustainable Energy Reviews*, 21, 478-493. IF: 14.982(Q1). Citations:36.
- Zafirakis D, **Chalvatzis KJ**, Baiocchi G, Daskalakis G. 2013. Modelling of financial incentives for investments in energy storage systems that promote the large-scale integration of wind energy. *Applied Energy*, 105, 138-154. IF:9.746. Citations:137. ABDC(A).
- Chalvatzis KJ**, Bora K. 2011. Electricity Market Reform: the case of Turkey. *Journal for Oil Gas & Energy Law (OGEL)*, 10(1). Citations:1.
- Chalvatzis KJ**, Hooper E. 2009. Energy Security vs Climate Change: Theoretical Framework Development and Experience in Selected EU Electricity Markets. *Renewable and Sustainable Energy Reviews*, 13(9), 2703-2709 (**Featured by invitation at the EU Commission's journal "Science for Environmental Policy"**). IF: 14.982(Q1). Citations:159.
- Chalvatzis KJ**. 2009. Electricity Generation Development of Eastern Europe: A Case Study for Poland. *Renewable & Sustainable Energy Reviews*, 13(6-7), 1606-1612. IF: 14.982(Q1). Citations:35.
- Chalvatzis KJ**, Hooper E. 2008. Energy Security vs Climate Change: Experiences from German and Greek Electricity Markets. *Journal for Oil Gas & Energy Law (OGEL)*, 6(3). Citations:4.
- Kaldellis JK, **Chalvatzis KJ**, Spyropoulos GC. 2007. Transboundary air pollution balance in the new integrated European environment. *Environmental Science&Policy*, 10(7-8), 725-33. IF:5.581(Q1). Citations:37. CABS3.
- Kaldellis JK, Spyropoulos G, **Chalvatzis KJ**, Paliatsos Ath. 2006. Minimum SO₂ electricity sector production using the most environmentally friendly power stations in Greece. *Fresenius Environmental Bulletin*, vol. 15 (11), pp. 1394-1399. IF:0.553(Q4). Citations:5.
- Chalvatzis KJ**, Spyropoulos GC, Kaldellis JK. 2006. European integration and transboundary transfer of air pollution: analyzing the case of nitrogen oxides. *WSEAS Transactions on Environment and Development*, 2(2), 103-108. Citations:2.
- Kaldellis JK, Spyropoulos G, **Chalvatzis KJ**. 2004. The impact of Greek electricity generation sector on the national air pollution problem. *Fresenius Environmental Bulletin*, 13(7), 647-656. IF:0.553(Q4). Citations:31.