

NADIA AMELI

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AREA OF EXPERTISE

Climate finance, financial networks, policy evaluation methods, financing schemes, renewables and energy efficiency investments, energy policy

EDUCATION

- 2012 **PhD, Business Administration**, Polytechnic University of Marche (ITA) co-tutorship of a doctoral thesis University of California, Berkeley (US)
Thesis: “**Design of Innovative Financing Model for Renewable Deployment: PACE (Property Assessed Clean Energy)**”
- Property Assessed Clean Energy [PACE] Financing Model: energy efficiency and solar energy financing plan that permit installation of clean energy systems on residences with no up-front costs.
- Award: Named by Scientific American as the #1 World Changing Idea of 2009**
- 2008 **MSc, Economy and Strategic Management** (*with distinction*), Polytechnic University of Marche (ITA)
- 2005 **BSc, Economics** (*with distinction*), Polytechnic University of Marche (ITA)

GRANTS, FELLOWSHIPS AND AWARDS

- 2018 **ERC Starting Grant (LINKS)** ‘Kick-starting global climate investments: uncovering hidden links in climate finance and exploring dynamic evolution of investment networks for policy design (€1.5 million)
- 2017 **Horizon 2020 (H2020) EuroPACE** ‘Developing, piloting and standardizing on-tax financing for residential energy efficiency retrofits in European cities’. Research and Academic Partnerships Leader (€2.4 million)
- 2016 UCL GES Sea and Current Funds (£ 2,000)
- 2014 Selected for the Lindau Nobel Laureate Meeting (Economics)
- 2013 **Marie-Curie Fellowship, European Commission (€ 195,000)**
- 2012 **Winner CleanWeb Hackaton with “[Pool Me Up!](#)”**
- 2011 International Student Energy Summit Fellowship (ISES)
- 2010 IAEE Best Student Paper Award
- 2001 Winner Foundation for Young Entrepreneur Students (ITA)

ACADEMIC AND RESEARCH EXPERIENCE

- 2016- **Senior Researcher Associate, University College London (UK)**
Co-Leading the finance research area of two EU Horizon2020-funded projects *GREEN-WIN* and *RIPPLES*. Both projects focus on climate and sustainability finance policies and governance arrangements in order to contribute to overcoming financial barriers to mitigation and adaptation.
- 2013 - 2015 **Marie-Curie Fellow/Economist**, Green Growth Unit Economics Department OECD (FRA)
- 2009 - 2013 **Researcher**, Italian Association Energy Economics (AIEE) (ITA)
- 2012 - 2012 **Researcher**, Mitigation Innovation and Transformation Pathways (MITP), Fondazione Eni Enrico Mattei (FEEM), (ITA)

TEACHING

- 2016- Lecturer UCL Institute of Sustainable Resources, UCL Energy Institute, UCL School of Construction & Project Management
2009 - 2010 Teaching Assistant, Polytechnic University of Marche (ITA)

SUPERVISION OF GRADUATE STUDENTS

- 2016 - 2018 Co-supervisor for 2 PhD students, UCL Institute for Sustainable Resources
Co-supervisor for a visiting PhD student, UCL Institute for Sustainable Resources
Supervisor for 13 master students from UCL Energy Institute

ORGANISATION OF SCIENTIFIC MEETINGS/WORKSHOPS

- 2017 Co-organiser of the Finance Workshop: “The risk transition: shifting investment to a low carbon economy”, UCL
2016 Co-organiser of the Finance Workshop: “Aligning finance with climate goals”, UCL

BUSINESS AND PRIVATE SECTOR EXPERIENCE

- 2009 - 2011 Energy analyst (consultant), Loccioni Group (Italy)

PUBLICATIONS

Forthcoming

- Ameli N., P. Drummond, M. Grubb, S. Bisaro “Transforming insurer and pension fund investments in the low-carbon economy: perceived barriers and policy solutions” (under review)
- S. Bisaro, Ameli N., F. Schuetze, M. Grubb, P. Drummond “Leveraging public finance through private institutional investment” (under review)

Peer-reviewed journals

Ameli N., M. Pisu and D. M. Kammen (2017) “Can the US keep the PACE? A Natural Experiment in Accelerating the Growth of Solar Electricity”, *Applied Energy* 191 (2017) 163–169. Featured in [Science](#)

Ameli N., N. Brandt (2015) “What impedes Household Investment in Energy Efficiency Retrofits?” *International Review of Environmental and Resource Economics* 8(1):101-138

Ameli N., N. Brandt (2015) “Determinants of households' investment in energy efficiency and renewables - Evidence from the OECD survey on household environmental behaviour and attitudes”, *Environmental Research Letters* 10 (2015) 044015

Ameli N., D. M. Kammen (2014), “Innovations in Financing that Drive Cost Parity for Long-term Energy Sustainability: An Assessment of Italy, Europe’s Fastest Growing Solar Energy Market”, *Energy for Sustainable Development* 19, 130-137

Ameli N., D. M. Kammen (2012), “Clean Energy Deployment: Addressing Financing Cost”, *Environmental Research Letters* 7 (2012) 034008

Ameli N., G. Gregori (2012), “Optimization Building Management”, *Journal of Energy and Power Engineering* 6, 391-396

Working papers, policy briefs and reports

- Ameli N., P. Drummond, M. Grubb (2018). “Securing macro-economic gains from decarbonisation investment: the finance dimension and an Italian case study”. Policy Brief.
- Ameli N., A. Biancardi, P. Drummond, M. Grubb, L. Paroussos, V. Zoi, K. Fragkiadakis, P. Fragkos, A. Mandel (2017). Stylised models of relative rates of return, technology co-benefit / spillover effects, multiplier and leverage effects for key sectors. GREEN-WIN Working paper.

- Drummond P., N. Ameli, M. Grubb (2017). “Financing the Low-carbon Transition: Current Landscape and Future Direction”. Policy Brief.
- Catenacci M., E. Verdolini, V. Bosetti, G. Fiorese, N. Ameli (2012) “Going Electric: Expert Survey on the Future of Battery Technologies for Electric Vehicles”, FEEM Working Paper.
- Ameli N., D. M. Kammen (2012), “Does Income Distribution Affect Energy Investments?”, Review of Environment Energy and Economics, Re3 Energy, FEEM Publishing.
- Ameli N., D.M. Kammen (2012), “The Linkage Between Income Distribution and Clean Energy Investments: Addressing Financing Cost”, FEEM Working Papers vol 10, FEEM Publishing.
- Ameli N., D. M. Kammen (2011), “PACE per il Clima”, Qualenergia vol 6, pp 67-71.
- Ameli N., D. M. Kammen (2010), “Energy Efficiency and Renewable Energy Financing Districts”, Nuova Energia vol 5, pp 56-63.

Journal referee

Environmental Research Letters, Applied Energy, Energy, Resource and Energy Economics, Energy Policy, Climate Policy, Technological Forecasting & Social Change, Energy for Sustainable Development, Sustainable Energy Technologies and Assessments, Resources.

CONFERENCES AND SEMINAR PRESENTATIONS

- 2018 41st Annual IAEE Conference “Transforming Energy Markets”, Groningen;
- 2017 Florence School of Regulation (FRS) Climate Annual Conference (EUI); **Webinar GGKP “Can We Achieve Economic Development & Climate Goals Together? Applying Win-Win Strategies” (invited)**; 40th Annual IAEE Conference “Meeting the Energy Demands of Emerging Economies, Implications for Energy and Environmental Markets”, Singapore; 3rd International Conference on Public Policy (ICPP3), Singapore;
- 2016 **University of Siena (invited speaker)**;
- 2015 **Center for North South Economic Research (CRENoS) Sassy University (invited speaker)**; **Center for Energy Policy and Economy (CEPE) ETH University (invited speaker)**; **University of Bologna (invited speaker)**; **University of Venice Ca’ Foscari (invited speaker)**; 3th Annual Conference of Green Growth Knowledge Platform, Venice;
- 2014 14th International Association Energy Economics European Conference “Sustainable Energy Policies and Strategies for Europe”, Rome; OECD, brown bag seminar series;
- 2012 12th International Association Energy Economics European Conference “Energy Challenge and Environmental Sustainability”, Venice; **2th Concerted Action, “Energy Performance of Buildings Directive”, Copenhagen (invited speaker)**; FEEM – Fondazione Eni Enrico Mattei;
- 2011 **“Energy Efficiency: Global Innovative Policies and Instruments”, Rome, Technical Meeting in order to implement the PACE policy in Italy at ENEA in collaboration with Ministry of Economic Development; Ministry for the Environment, Land and Sea; Ministry of Treasury**; ISES International Student Energy Summit, Vancouver; IAFOR ACSEE 2011 “The Asian Conference on Sustainability, Energy and Environmental”, Japan; University of California, Berkeley ERG group (Energy and Resources Group);
- 2010 7th British Institute of Energy Economics, “Energy in a Low Economy: New Roles for Government and Markets”, St John’s College Oxford; 11th International Association Energy Economics European Conference “Energy Economy, Policies, and Supply Securities:

Surviving the Global Economic Crisis”, Vilnius; University of California, Berkeley ERG group (Energy and Resources Group).

INSTITUTIONAL RESPONSIBILITIES

2017 Institute manager of the Bloomberg Lab at UCL
Member of Organising Committee Energy & Resource Economics Group (UCL)
2013 – 2015 Member of the OECD workgroup on “Gender equality”, OECD
2009 – 2013 Representative of the Energy Economics area at the IAEE
2009 – 2010 Student representative of young researchers at the IAEEs’ council

MEMBERSHIP OF PROFESSIONAL ASSOCIATIONS

Since 2014 Lindau Alumni (Lindau Nobel Laureate Economics)
Since 2012 Associate member, Marie Curie Fellows Association “Researchers without frontiers”
Since 2011 Associate member, International Association Energy Economics (IAEE); Italian Association Energy Economics (AIEE)
Since 2009 Alumni and Associate member, the Renewable Energy and Appropriate Laboratory, UC Berkeley

LANGUAGES

Italian (mother tongue), English (Fluent), French (Intermediate)

COMPUTER SKILLS

Office, STATA, Xcelsius

REFERENCES

Prof. Michael Grubb
Institute for Sustainable Resources UCL
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Prof. Daniel M. Kammen
Energy and Resources Group, UC Berkeley
kammen@berkeley.edu

Prof. Walid Oueslati
Environmental Department, OECD
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Dr. Mauro Pisu
Economics Department, OECD
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