

Exploring and Recycling Energy Landscapes at the 2018 AAG Annual Meeting in New Orleans

The members of Energy Geography Research Group have been presented at the Annual Meeting of the [American Association of Geographers](#) in New Orleans, Louisiana, from April 10-14, 2018, which is the worldwide largest forum for geographers, environmental scientists, GIS specialists, and researchers of related disciplines to present their topical research and applications. This year, the conference hosted more than 9,000 participants from almost a hundred world countries, and featured over 6,000 presentations in over 1,700 paper sessions, as well as posters, and workshops by leading scholars, experts, and researchers in geography, sustainability and GIScience.



Bohumil Frantál and Stanislav Martinát together with Prof. Martin (Mike) Pasqualetti from the Arizona State University organized two thematic paper sessions on “*Socio-Economic Parameters in the Public Acceptance of Renewable Energy Landscapes*” and

“*Recycling Energy Landscapes in a Crowded World*”, which received a formal sponsorship by the AAG Energy and Environment Specialty Group.

The aim of the sessions was to share and confront research experiences concerning the potential and barriers of further renewable energy development and related issues (particularly the impacts of specific renewable energy production systems on landscapes and local development, related public perceptions and social acceptance issues), to analyse them from different geographical perspectives and land-use and political-institutional contexts (comparing the experiences from the USA, Europe, Africa, etc.) to identify common issues and divergences, and to formulate some "lessons", which countries at different stages of renewable energy development may learn from each other.



Within the sessions, Bohumil and Stanislav presented their own papers providing



participants with selected results of their projects, particularly research studies focusing on the perceptions and local communities acceptance of wind farms and biogas stations in the Czech Republic. More than twenty discussants participated in each session, and all presented papers were followed by interesting questions and discussions.

The session on “Socio-Economic Parameters in the Public Acceptance of Renewable Energy Landscapes“ included the following presenters and papers:

- Lawrence Hamilton (University of New Hampshire): A Change in the Wind? Public Views on Renewable Energy and Climate Compared.
- Bohumil Frantal (Institute of Geonics, CAS): Time-space dynamics of perceptions and attitudes to wind energy developments: The landscape dominance, U-curve and proximity hypotheses revisited.
- Aaron Russell (University of Delaware): Beyond Attachment: Assessing Support for and Opposition to Wind Power Projects through The Lens of Place Meaning and Place Consistency within a Longitudinal Survey Study.
- Christine Hirt (University of Delaware): Perceptions of fairness of process: the Block Island Offshore Wind Project.
- Janpeter Schilling (University of Koblenz-Landau): Wind Energy: Silver Bullet or Conflict Resource?
- Caroline Pavlowsky (University of Oklahoma): Wind Farm Development on Agricultural Land: A Strategy for Increased Resilience in the face of Climate Change.
- Steven Harry (King's College London): Contesting Energy Transitions: Windy Relations in the Outer Hebrides.
- Barry Solomon (Michigan Technological University): Hawaii's 100% Renewable Portfolio Standard: A Theoretical Exploration of the Art of the Possible.

The session on “Recycling Energy Landscapes in a Crowded World“ included the following papers:

- Angelica Greco (Colgate University): Cursed forever? Experiences of post-nuclear local economies.
- Enrique Lanz Oca (Hunter College- City University): Climate Change and the Second Wave of Dam Removals: Oroville to Guajataca.
- William Delgado (University of Texas-Austin): Incorporating Renewable Energy in a Desalination Plant: Case Study in El Paso, Texas.
- Kate Sherren (Dalhousie University): Tackling climate thinking: learning to layer lived landscapes for sustainability transitions.
- Emma Fox (University of Maine): Barriers, opportunities: Small-scale hydropower in Maine.
- Justyna Chodkowska-Miszczuk (Nicolaus Copernicus University): Biogas plants in rural areas: the next step of progress or a landscape dilemma?
- Stanislav Martinat (Institute of Geonics): Biogas energy in the post-mining countryside: Are there any specificities?
- Stefania Staniscia (West Virginia): Renewable Energies: New Uses for Former Mine Lands in West Virginia.
- Vincent Peters (Wageningen University): Recycling energy landscape: The natural gas production landscape in the Netherlands.

