

Integrated Project EnergyLandUse

Land Use Aspects of Transforming the Energy System – Sustainable Options for a Renewable Energy Era



6thUFZ EnergyLandUse Colloquium

Tuesday, 9 June 2015, 14:30-16:00

Building 4.0, lecture room 101 (Dept. Analytical Chemistry)

“Anticipatory Governance of Energy Transitions”

Dr. Clark Miller

School for the Future of Innovation in Society, Arizona State University

The prospect of upending the world's energy systems to fashion sustainable alternatives gives rise to profound governance challenges, on scales from the micro-politics of daily energy provision to geopolitical constitutionalism and planetary-scale change in socio-technological systems at the center of modernity's ideological, institutional, and economic foundations. Energy transitions are as much socio-political transformations—transformations in the way individuals and communities live, work, and play, as well as organize their relationships with one another and their governing arrangements—as they are techno-environmental projects that promise fundamental changes in the ways that people organize technological systems and their ecological footprints. Yet, energy research and policy tend to approach their tasks in narrow, technical terms that under-appreciate the full human dimensions of energy transitions. In this talk, I will use the concept of anticipatory governance - drawn from recent advances in the governance of emerging technologies - to introduce a suite of tools and concepts that can allow researchers to form a fuller understanding of the socio-political complexity of energy transitions and better inform policy choices.



After Dr. Miller's talk, there will be the chance for interaction with him. All interested colleagues are kindly invited.

Link to registration: <https://www.ufz.de/index.php?en=33793>

Dr. Clark Miller

Dr. Miller is a senior sustainability scientist at the Julie Ann Wrigley Global Institute of Sustainability and an associate professor at the School of Politics and Global Studies, Arizona State University. His research focuses on the governance challenges posed by global environmental change, and other policy issues of global scope and significance. He has written extensively on the role of knowledge and expertise in global environmental governance, and his current work expands this research beyond the environment to other domains of human security and insecurity. He is also the Director of the Energy, Society, and Policy Initiative, which seeks to understand the social dynamics and societal implications of large-scale changes in energy systems. His interests include science and technology policy, the democratic governance of science and technology, and models of knowledge, reason, and rationality, especially as they intersect with democratic theory and environmental policy. For more details, see: <https://sustainability.asu.edu/people/persbio.php?pid=6970>