



DUPONT SUMMIT 2012

..... Pressing Issues Amid the Political Maelstrom

December 7, 2012 * Carnegie Institution for Science, Washington, DC
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The Policy Studies Organization

Panel Speakers

Richard Rushforth, PhD, *Arizona State University*
Tomasz Kalinowski, PhD, *Arizona State University*
Rider Foley, PhD, *Arizona State University*

Topic: "*Community, Engineering, and Sustainability Perspectives: Participatory Technology Assessment*"

The role of participatory technology assessment in the United States is largely connected to large federal or state funded science, technology and innovation policy initiatives. Alternatively, the Superfund Act (i.e. Comprehensive Environmental Response, Compensation and Liability Act) calls for community involvement in decisions regarding contaminated sites on the National Priorities List. Multiple stakeholders routinely engage in decisions on scientific findings, proposed technological solutions, and socio-ecological impacts. And while the barriers to changes at Superfund sites have been investigated from justice, legal, technical, and financial view points there is limited research on Superfund as a venue for participatory technology assessment. The goal of this panel is to bring together three diverse perspectives on participatory technology assessment from community, engineering, and sustainability. The first speaker (Richard Rushforth) will present on the historical context that shapes community involvement in Superfund decision-making with a few illustrative cases. The second speaker (Tomasz Kalinowski) will present on an attempt to disrupt the current decision-making processes through on-line, in-person workshops, and formal presentations to the community involvement group. The final speaker (Rider Foley) will discuss using participatory technology assessments to reconcile the supply of technological solutions with the demand of complex sustainability challenges. All speakers are working, researching, and engaging with multiple stakeholders at the same Superfund Site, the Motorola 52nd Street Site in Phoenix, Arizona. The panel offers a diverse set of approaches and experiences with participatory technology assessment.