

New Technology for Collaborative Decision Making: Opportunities and Challenges Merging Cutting Edge Technologies for Environmental Conflict Resolution

Panelists: Dr. Abe Springer, Northern Arizona University, Dr. Kevin Lansey, University of Arizona, Dr. Holly Richter, Nature Conservancy, Dr. Deirdre Hahn, Arizona State University, Jessica Block, Arizona State University

Advancements in technology have provided new opportunities for mediating urban development and natural resource sustainability issues. The panelists in this session will highlight some of the technologies they have utilized in mediating environmental conflict issues. Included in this overview are decision support systems, simulation, and immersive visualization technologies. Case studies will be presented as examples of how these techniques have been used at facilities such as the Decision Theater at Arizona State University. The bulk of this session will be composed of an interactive web-based collaborative decision making simulation involving the audience to receive hands on experience in using new collaborative decision making tools and to see first hand the benefit of such tools in a conflict resolution situation.



