PA53B: Valuing trade-offs in natural resources using geospatial information

Friday, 18 December 2015 13:40 - 15:40
Moscone South - 103

13:40 PA53B-01
The Value of Information from a GRACE-Enhanced Drought Severity Index

**Yusuke Kuwayama**1, Richard Bernknopf2, David Brookshire2, Molly Macauley1, Benjamin F Zaitchik3, Matthew Rodell4, Peter Vail1 and Alexandra Thompson1, (1)Resources for the Future, Washington, DC, United States, (2)University of New Mexico Main Campus, Albuquerque, NM, United States, (3)Johns Hopkins University, Baltimore, MD, United States, (4)NASA/GSFC, Greenbelt, MD, United States

13:55 PA53B-02
Designing the Monitoring of Water-Related Sustainable Development Goals Based on Value of Information

**Robert S Chen**, Marc A Levy, Alexander M de Sherbinin and Alex Fischer, Columbia University, CIESIN, Palisades, NY, United States

14:10 PA53B-03 The Value of High Resolution Forest Canopy Maps for Implementing Carbon Sequestration Programs in Maryland

**Molly Elizabeth Brown**1, Phillip C Abbott2, Rachel Hittich2 and Ralph Dubayah1, (1)University of Maryland College Park, College Park, MD, United States, (2)Purdue University, Agricultural Economics, West Lafayette, IN, United States

14:25 PA53B-04
Net Resource Assessment (NetRA): A Collaborative Effort Between USGS Science and Decisions Center, the Science Impact Laboratory for Policy and Economics (University of New Mexico) and Sandia National Laboratory

**David Brookshire**1, Richard Bernknopf1, Dadhi Ram Adhikari1, Christopher Babis1, Craig David Broadbent2 and Vincent Carroll Tidwell3, (1)University of New Mexico Main Campus, Albuquerque, NM, United States, (2)Brigham Young University – Idaho, Economics, Rexburg, ID, United States, (3)Sandia National Laboratories, Albuquerque, NM, United States

14:40 PA53B-05
Visualizing and Understanding Socio-Environmental Dynamics in Baltimore

**Benjamin F Zaitchik**, Katie Omeara, Seth Guikema, Anna Scott, Akane Bessho and Tom M Logan, (1)Johns Hopkins University, Baltimore, MD, United States, (2)Maryland Institute College of Art, Baltimore, MD, United States, (3)University of Michigan Ann Arbor, Ann Arbor, MI, United States

14:55 PA53B-06

Utilizing Use Cases for Valuation of Geospatial Information

**Jamie Brown Kruse**, East Carolina University, Greenville, NC, United States

15:10 PA53B-07

Extending Value of Information Methods to Include the Co-Net Benefits of Earth Observations

**Molly Macauley**, Resources for the Future, Washington, DC, United States

15:25 PA53B-08

Enhancing Public Participation to Improve Natural Resources Science and its Use in Decision Making

**Carl D Shapiro**, USGS Headquarters, Reston, VA, United States, Pierre **David Glynn**, USGS, Reston, VA, United States and Sophia B Liu, USGS, Baltimore, MD, United States