

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

**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**<sup>1</sup>, *Richard Bernknopf*<sup>2</sup>, *David Brookshire*<sup>2</sup>, *Molly Macauley*<sup>1</sup>, *Benjamin F Zaitchik*<sup>3</sup>, *Matthew Rodell*<sup>4</sup>, *Peter Vail*<sup>1</sup> and *Alexandra Thompson*<sup>1</sup>, (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**<sup>1</sup>, *Phillip C Abbott*<sup>2</sup>, *Rachel Hittich*<sup>2</sup> and *Ralph Dubayah*<sup>1</sup>, (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**<sup>1</sup>, *Richard Bernknopf*<sup>1</sup>, *Dadhi Ram Adhikari*<sup>1</sup>, *Christopher Babis*<sup>1</sup>, *Craig David Broadbent*<sup>2</sup> and *Vincent Carroll Tidwell*<sup>3</sup>, (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**<sup>1</sup>, *Katie Omeara*<sup>2</sup>, *Seth Guikema*<sup>3</sup>, *Anna Scott*<sup>1</sup>, *Akane Bessho*<sup>2</sup> and *Tom M Logan*<sup>3</sup>, (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*