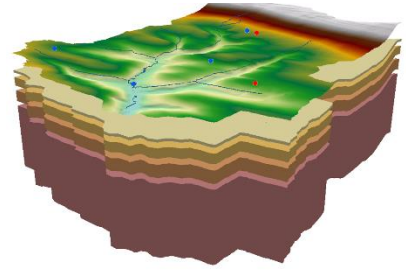


## Seeking abstracts for a new session at the 2017 AGU Fall Meeting in New Orleans, USA:



### H130: Use-inspired catchment science and scientifically-grounded watershed management.

Session ID#: 24395

#### Session Description:

The quantity and quality of global freshwater resources are increasingly impacted by growing demands for food and energy, land use changes, and climate change. Yet, environmental decision-making is not always consistent with the results of discovery-based science, and discovery-based scientific understanding does not always get translated into an applied setting. This session highlights the gaps, opportunities, and successful linkages between the need to make near-term management decisions and the understanding of the basic science needed to successfully implement sustainable solutions across all scales from field to global. Abstracts from a range of disciplines including hydrology, geomorphology, geochemistry, and ecology are invited. Topics should include examples from field-based studies, predictive modeling of alternate land management scenarios, and assessments of current or cutting edge watershed management practices. Of particular interest are case studies at the intersection of basic and applied science.

#### Invited speakers:

- Veena Srinivasan, Ashoka Trust for Research in Ecology and the Environment
- Jennifer Tank, University of Notre Dame

#### Conveners:

- Heather E Gall, Pennsylvania State University Main Campus, Department of Agricultural and Biological Engineering, University Park, PA, United States
- Ciaran J Harman, Johns Hopkins University, Geography and Environmental Engineering, Baltimore, MD, United States
- Sally E Thompson, University of California Berkeley, Civil and Environmental Engineering, Berkeley, CA, United States
- Daniel C Wilusz, Johns Hopkins University, Geography and Environmental Engineering, Baltimore, MD, United States

Questions? Please contact us at [dwilusz1@jhu.edu](mailto:dwilusz1@jhu.edu).