

## Boundary Spanning Symposium

August 29, 2018

### **Socio-Environmental Systems under Stress**

Socio-Environmental Systems by Design assessed outcomes of engineered landscapes and intentional efforts to alter, manage, or direct the structure and functioning of socio-environmental systems. It involved governance, urban planning, infrastructure, environmental justice, synthetic biology solutions, technology, conservation or protected areas, scientific inquiry, and knowledge production. Key take-aways from the theme include the importance of tangible products in order to engage the public and stakeholders and encourage involvement as well as encouraging taking academic risks and embracing being a novice outside of the academic community.

### **Socio-Environmental Systems in Transition**

Socio-Environmental Systems in Transition examined dynamics of persistent and directional change in socio-environmental systems, including urbanization, economic development, human migration, coastal sea-level rise, land cover and land use change, water and resource availability, markets and trade, shifting racial or cultural landscapes, and human-environment interactions. Reflections on the theme emphasize the perpetual state of transition of many communities and the unexpected, and often positive responses to change.

### **Socio-Environmental Systems by Design**

Socio-Environmental Systems by Design assessed outcomes of engineered landscapes and intentional efforts to alter, manage, or direct the structure and functioning of socio-environmental systems. It involved governance, urban planning, infrastructure, environmental justice, synthetic biology solutions, technology, conservation or protected areas, scientific inquiry, and knowledge production. Key take-aways from the theme include the importance of tangible products in order to engage the public and stakeholders and encourage involvement as well as encouraging taking academic risks and embracing being a novice outside of the academic community