

Human Challenges in Extreme Environments

A workshop jointly hosted by UMI iGlobes, CEMCA, and the Udall Center for Studies in Public Policy, University of Arizona

November 12-13, 2018

University of Arizona

Marshall Building

5th floor, room 531

(845 N. Park Ave, Tucson, AZ 85719)



Human adaptation to extreme environments is quickly evolving as a consequence of rapid and variable global change, technology development and adoption, and ecosystem response. This workshop fosters innovative cooperation around the challenges and opportunities extreme environments pose to human systems (agricultural, energy, urban systems) and will work to devise new proposals for applied research initiatives.

The three-day workshop sessions will approach different thematic challenges including:

- **Food, Water & energy “nexus”**
- **Water and natural resources management**
- **Sentinel territories and tipping points**
- **Socio-ecological knowledge systems, biocultural landscapes**

The collaborating research centers from the U.S., France, and Mexico have extensive experience in the constituent themes of the workshop, yet, the proposed integration is entirely new.

Hear from specialists from around the world and learn things such as how extreme environments may be able to prefigure events linked with the global transformation of climate and the modification of ecosystem functioning, how they can be used to identify the tipping points between different social-ecological regimes, and how socio-ecological systems have adapted in the wake of climate change and economic pressures in extreme environments, with a focus based on the biocultural heritage approach.

For questions, please contact Molli Bryson at mollic@email.arizona.edu.



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