Job Opportunity

Science Communications Coordinator: SESYNC is seeking a full-time, experienced science communications professional to lead communications activities. Details here. Apply by Nov 5, 2018.

Now Is the Time to Answer Questions about Climate Engineering Disease Impacts

ESA Decision Making
One of the balancing acts faced by conservation agencies is how to conserve

Social Science Extreme Events Research
Lori Peek, SESYNC Immersion Scholar and
A commentary in the October 2018 issue of the journal *Nature Climate Change* calls for caution because geoengineering still lacks a "clean bill of health." Read press release.

Symposium Theme Lead, invites hazards and disaster social scientists to join The SSEER network. Read the call for participants.

Availability of nitrogen to plants is declining as planet warms

Article in *Nature Ecology and Evolution* found that global changes are causing a decrease in the availability of a key nutrient for terrestrial plants. Read press release.

People dump their exotic animals for logical, if not good, reasons

Coverage of finding from SESYNC Pursuit on pet trade and the release and establishment of exotic animals. Read article in *Scientific America*.

New Water Resources Planning Framework

Climate Risk Informed Analysis (CRIDA) is a new methodology for water decision makers interested in incorporating resilience into planning and operational decisions. Read press release.

**SESYNC Funds Six New Pursuits and Workshops**

**Advancing interdisciplinary research on social-ecological networks to understand ecosystem services across scales**

*PIs:*
- Laura Dee, University of Minnesota
- Angela Guerrero, The University of Queensland

**Socio-environmental systems indicators for climate change adaptation & resilience in the US**

*PIs:*
- Keely Maxwell, U.S. Environmental Protection Agency
- Jesse Keenan, Harvard University

**Food-Energy-Water Interdependencies of the Global Agrarian Transition**

*PIs:*
- Jampel Dell'Angelo, VU University Amsterdam
- Paolo D'Odorico, University of California Berkeley

**New Scenarios and Models for Climate Engineering**

*PIs:*
- Simon Nicholson, American University
- Christopher Trisos, SESYNC

**Legal Design Principles of Government-Supported Adaptation: Designing Effective Decentralization Programs in River Basins and City Greenspaces**

*PIs:*
- Daniel A. DeCaro, University of Louisville
- Edella Schlager, The University of Arizona, Tucson

**The death and life of biodiversity: modeling extinction and resilience on islands**

*PIs:*
- Siobhán B. Cooke, Johns Hopkins University
- Liliana M. Dávalos, Stony Brook University

**SESYNC Publications**

Climate engineering needs a clean bill of health. Published in *Nature Climate Change*.

Long-term and regional perspectives on recent change in lacustrine diatom communities in the tropical Andes. Published in *Journal of Paleolimnology* Sherilyn Fritz, SESYNC Postdoc Xavier Benito, and Miriam Steinitz-Kannan.

Racial disparities in pollution exposure and employment at US industrial facilities. Published in *PNAS* by Michael Ash and James Boyce as part of the Pursuit, *Computational Environmental Justice Analysis*.

Gauging support for macroecological patterns in helminth parasites. Published in *Global Ecology and Biogeography* by Tad Dallas and colleagues including SESYNC postdoc Colin Carlson.

The neglected costs of water peace. Published in *WIREs Water* by SESYNC researchers Jampel Dell’Angelo, Paolo D’Odorico, and Maria Cristina Rulli.

Modelling the critical transition from Chilean evergreen forest to savanna: Early warning signals and livestock management. Published in *Ecological Modelling* by former SESYNC Postdoc Andres Baeza.

Global state and potential scope of investments in watershed services for large cities. Published in *Nature Communications* by Chelsie Romulo and colleagues as part of the Graduate Pursuit, *Enabling Payments for Watershed Services*.


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