

Funding & Support Opportunities

The National Socio-Environmental Synthesis Center (SESYNC), funded by a National Science Foundation grant to the University of Maryland, is accepting proposals for projects that advance socio-environmental synthesis research.

Exclusively for Graduate Students

Graduate student teams will conduct an independent synthesis research project focused on one of two broad Themes: “Cities in Sustainable Resource Management” or “Surprise in Human Adaptation to Environmental Change.” Each project should bring together social and environmental data in novel ways to address critical socio-environmental research questions. Graduate students will gain experience in team science, socio-environmental synthesis research, and transdisciplinary collaboration.

SESYNC will provide support for travel and accommodations for all team members to attend meetings at our Center in Annapolis, Maryland. Additional resources and expertise—particularly in areas of data aggregation, computational science, and informatics—may be available through SESYNC. Upon project completion, each core team member will receive a \$2,000.00 stipend and the title of SESYNC Graduate Student Fellow.

Visit www.sesync.org/opportunities/grad-themes-2014 for complete details. Proposals must be submitted by July 30, 2014.

Data-Intensive Analysis & Modeling Projects

Projects funded under this opportunity will:

- Pursue novel, question-driven, and synthetic research into linkages between social and environmental system dynamics that would not be otherwise possible without the use of computationally-intensive data analysis and/or modeling; OR
- Develop advanced data analysis and/or modeling tools that enable cutting-edge socio-environmental synthesis research.

SESYNC has significant modeling, data analysis, and database management expertise to guide and support teams that need assistance with the technical aspects of data mining, processing, integration, analysis, visualization, and/or modeling. Funded projects will gain access to SESYNC’s advanced cyberinfrastructure, including use of and support for scalable cluster computing and substantial storage capacity (10’s of terabytes per project). Funded projects also receive support for meetings at SESYNC in Annapolis, Maryland, including travel and group facilitation. Additionally, we may cover the costs of the PI’s salary while in residence at SESYNC and/or salary for a research assistant at the PI’s home institution and/or at SESYNC.

Visit www.sesync.org/opportunities/data-modeling-ses-2 for complete details. Proposals must be submitted by August 4, 2014.

