

Call for applications: Transdisciplinary workshops on the impacts of urbanization on the food-energy-water nexus



University of Colorado
Boulder



BACKGROUND

The Belmont Forum, START, Future Earth, and regional partners seek applications to participate in a skill-building opportunity on conducting transdisciplinary (TD) research. The workshops will focus on advancing principles of co-design and co-production in the natural, social, and engineering sciences that address complex sustainability challenges associated with the Belmont Challenge (<https://www.belmontforum.org/>).

These workshops seek to advance skill development in TD research, as well as increasing aptitude for developing proposals with strong TD elements, which is a cornerstone of all the Belmont Forum's multi-year Collaborative Research Action (CRA), including the recently launched call on urbanization and the food-energy-water nexus (<http://www.sugi-nexus.org/>)¹. Learning activities within each workshop will be organized around a regionally relevant case study on the food-energy-water nexus.

The workshops will be three-day events with approximately 30 participants per workshop. We welcome applicants from researcher, policy, private sector, and practitioner communities. The participants will be apportioned as approximately 2/3 from the research community and 1/3 from practitioner, private sector, and policy communities.

LEARNING OBJECTIVES

- Understand TD research in the context of urbanization and the food-energy-water nexus
- Identify opportunities and barriers related to TD research and application

¹ Please note that participation in a workshop is *not mandatory* to submit a proposal to any of the Belmont Forum Collaborative Research Action call for proposals.

- Explore how to broaden impacts by adopting TD process design
- Acquire usable skills and competences in TD research on:
 - Building a TD team
 - Collaborative problem framing
 - TD settings and roles of researchers and practitioners
 - Integrative approaches and methods
 - Evaluating TD process and scientific and societal impacts

WORKSHOP LOCATIONS

1. *Tempe, Arizona*

Dates: February 22-24, 2017

Theme: Extreme heat and its impact on the Food-Energy-Water nexus

Venue: Global Institute of Sustainability at Arizona State University

Partners: NSF, START, Belmont Forum, Future Earth, Global Institute of Sustainability at Arizona State University, Urban Resilience to Extremes SRN, and Urbanization and Global Environmental Change (UGEC)

2. *Boulder, Colorado*

Dates: March 1-3, 2017

Theme: Food-Energy-Water on the South Platte River

Venue: University of Colorado

Partners: NSF, START, Future Earth, Belmont Forum, and Sustainability Innovation Lab at Colorado at the University of Colorado

3. *Baltimore, Maryland*

Dates: Late Spring 2017 (A separate call will be released for this workshop)

Theme: TBA

Venue: TBA

Partners: NSF, START, Belmont Forum, Future Earth, and others

ELIGIBILITY

- Applicants must be based in the U.S.

TO APPLY

Applications must be submitted by **January 18, 2017** to Sarah Schweizer at sschweizer@start.org. The application requires the following components:

- A Statement of Interest describing: 1) relevant background knowledge and experience that the applicant can share with other participants; 2) the anticipated impact of participation on the institution where you work; 3) how the workshop will advance your own ability to conduct TD research or to engage with a TD process design; 4) if a co-collaborator/partner you work with is also applying; 5) any unique ideas, skills, and/or foreseeable opportunities for advancing follow-on

activities subsequent to workshop participation, including the identification of potential partner organizations; and 6) how the workshop will improve your potential proposal submission for the Belmont Collaborative Research Action on food-energy-water nexus-in-urban (<http://www.sugi-nexus.org/>).

- Curriculum vitae or resume
- Supporting letter from applicant's home institution
- Specify which workshop location you would like to attend

Travel support is available for those individuals selected to participate and will include round-trip economy class airfare, accommodations, and modest daily subsistence while at the workshop.

For further information please contact Sarah Schweizer at sschweizer@start.org