

Reinventing Discovery: Ecosystem Science Empowered by Citizen Science

TUESDAY, NOVEMBER 14 | 2 – 3:30 P.M.

Lory Student Center Room 382

The phenomenon of citizen science in its various forms – ranging from top-down, expert-driven crowdsourced and participatory sensing models, to bottom-up, citizen-driven social and ecological justice initiatives – represents a rich and fast-evolving arena in the production and co-production of scientific knowledge. It raises questions that speak to the core of ecosystem science and systems thinking, such as who sets the research agenda and who can do science and make discoveries. This panel will wrestle with these questions and discuss the potential roles of citizen science related to ecosystem science and sustainability in the 21st century. Panelists will present short, disruptive, and thought-provoking presentations for further discussion by those attending the panel session with an aim to situate citizen science within the broader ecosystem science context, and provide a framework for leveraging this movement in effective ways to advance ecosystem science in the 21st century. We invite panelists and attendees to help us unpack citizen science's spoken and unspoken sensibilities, and identify potential future direction for this often difficult to define movement.

Organizer and Moderator: Dr. Greg Newman, Director, CitSci Organization; Natural Resource Ecology Laboratory (NREL) Research Scientist

Panelists:

- Dr. Julia Parrish, Professor of Aquatic and Fishery Sciences, University of Washington and Executive Director of COASST (Seattle, WA)
- Dr. Stephanie Kampf, Associate Professor, Ecosystem Science and Sustainability, CSU; NREL Research Scientist
- Dr. Jennifer Shirk, Interim Director, Citizen Science Association, Cornell University (Ithaca, NY)