



Adaptive cycle, panarchy and resilience: a systems perspective on environmental education

Abstract

Adaptive cycle, panarchy, and resilience are conceptual tools that have been used to describe how social-ecological systems respond to ongoing, smaller disturbance and to catastrophic disasters. In this presentation, we will explore how environmental education can play a role in these cycles of change and transformation.

Speaker Profile

Marianne Krasny

Marianne E Krasny is professor in the Department of Natural Resources and Director of the Civic Ecology Lab at Cornell University. Her books include *Civic Ecology: Adaptation and Transformation from the Ground Up* (with K Tidball), *Urban Environmental Education Review* (with A Russ), *Communicating Climate Change: A Guide for Educators* (with A Armstrong and J Schuldt), *Grassroots to Global: Broader Impacts of Civic Ecology and Advancing Environmental Education Practice*. She leads efforts to teach environmental and climate education Massive Open Online Courses (MOOCs) for international audiences, and to facilitate online learning and resource sharing communities for over 10,000 environmental activists and educators globally. Dr Krasny was director of EPA's National Environmental Education Training Program, and of the Garden Mosaics community gardening education program, and is a Public Voices Fellow and an International Fellow of the Royal Swedish Academy of Agriculture and Forestry. Dr Krasny conducts research with members of the Civic Ecology Lab to answer questions about how to scale up the impacts of civic ecology practices such as community gardening, litter clean ups, and volunteer oyster restoration, and about how online learning can lead to more effective environmental education and stewardship practices and climate actions. She is currently working on a book about scaling up individual climate action, such as plant-rich diet, through social networks and activism.

Website links

→ <https://dnr.cals.cornell.edu/people/marianne-krasny/>

→ <https://www.civicecology.org/>