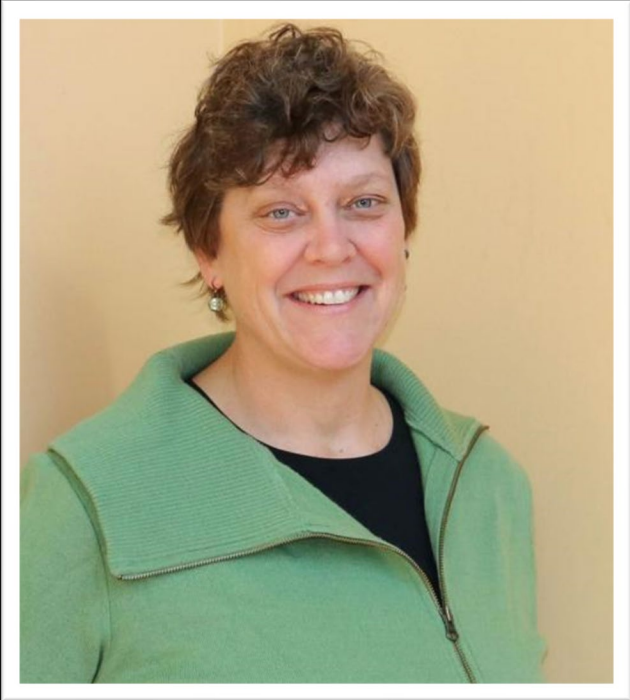


INVESTIGATING URBAN RESIDENTIAL LANDSCAPES AS COPRODUCED SOCIAL-ECOLOGICAL SYSTEMS: AN AGENDA FOR INTEGRATING WATER CONSERVATION, VEGETATION CHOICE, AND VULNERABILITY TO HEAT ACROSS SCALES



Join us as landscape and urban ecologist Mary Cadenasso presents her latest research that sets an agenda for water conservation that combines social characteristics of residents and ecological conditions, including impacts of climate change.

Professor Mary L. Cadenasso is a landscape and urban ecologist that studies co-produced social-ecological systems. Her current research focuses on tradeoffs among vegetation, water conservation and heat in urban systems, and vegetation response to fire and climate change in non-urban systems. Throughout her career, Professor Cadenasso's research has included themes of spatial heterogeneity and its link to ecosystem function across scales. She is a member of the faculty in the Department of Plant Sciences at the University of California, Davis where she teaches Ecosystems and Landscapes and Urban Ecology.

Register to join by [Zoom outside of Ottawa](#)

For information on the full series: <https://carleton.ca/geography/?p=18453>

TOPOGRAPHIES

DGES Speaker Series

Mary Cadenasso

(University of California, Davis)

Wednesday, November 20th

2:30-4:00 p.m.

Loeb A220

All are welcome