



INDIANA UNIVERSITY BLOOMINGTON
OSTROM WORKSHOP
COLLOQUIUM SERIES

Marco Janssen

School of Sustainability & School of Complex Adaptive Systems, Arizona State University

Monday, February 1: 12:00 – 1:00 pm EST



Collective Action at the Shoreline: A Comparison of Lake Management Organizations in Vilas County, Wisconsin, U.S.A.

Lake organizations around lakes in North America can be seen as a natural experiment of volunteer-based organizations conserving and managing lakes. This enables us to study social, institutional, and environmental attributes that correlate with performance of common pool resource governance. In the summer of 2019, we performed an in-depth comparative study of thirty-one lake organizations in Vilas County, Wisconsin using data collected through semi-structured interviews, websites, and agency databases. We systematically compared the cases using crisp-set qualitative comparative analysis, specifically analyzing how the eight Ostrom institutional design principles led to different outcomes for the lake social-ecological system. We found that different combinations of design principles, and social and environmental attributes led to the same lake S.E.S. outcomes. Although we expected that there were no panaceas for lake governance, we were surprised by the high diversity in organizational goals and the relative low diversity of rules in use.

Marco Janssen is a Professor in the School of Sustainability and School of Complex Adaptive Systems at Arizona State University. The research interest of Janssen is the study of the conditions of communities to self-govern their shared resources using computational modeling, behavioral experiments, and case study analysis. Recent projects focused on water management in Mexico City, participatory games to save water in rural India, comparative case study of lake organizations, and experiments on collective action in a virtual Mars colony.

Ostrom Workshop
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Due to the COVID-19 pandemic, all Ostrom workshop presentations will be virtual until further notice. Join instantly using the link above. For questions, contact Allison Sturgeon (sturgeon@iu.edu)