

# EcoXPT (Learning about Ecosystems Science and Complex Causality through Experimentation in a Virtual World)

**Principal Investigator:** [Jim Hammerman](#)

**Funders:** The National Science Foundation

**Website:** <http://ecolearn.gse.harvard.edu/ecoXPT/overview.php>

This project builds on an existing multi-user virtual environment (EcoMUVE) to explore how various forms of experiment-based inquiry can support student reasoning about complex causality in the context of ecosystem science. SEEC's evaluation of this work provides formative advice during development, and provides support for several components of the experimental and quasi-experimental research, including measure development, study design, assessment of implementation of the innovation, data collection, coding and analysis.

Collaborator: Harvard University