

# Great Lakes Science and Management

FNR 598

2 Credits

## New Interdisciplinary Seminar Course in Spring 2017

**Meeting time:** Weekly, 2-hr session

**Description:** The Laurentian Great Lakes contain more than 20% of the world's fresh water and provide a suite of ecosystem services (drinking water, sustenance, recreation, transport, and industry) to more than 35 million people in the Midwestern United States and Canada. In the face of complex and vying interests, the managers of these ecosystems rely on timely and relevant scientific information to base their decisions. In this course, students will explore how science informs policy and guides the management of the Great Lakes. Experts from Purdue University, federal and state agencies, and other institutions will present material and lead discussions on relevant Great Lakes science and management issues.

Through this course we hope to bring together students from diverse disciplines to explore how research and management interact around the Great Lakes. Lessons learned in the Great Lakes should be applicable to the study and management of diverse environmental issues. Topics covered should be accessible to students from varied disciplines and there are no prerequisites for the course.

**Course structure:** Each meeting will consist of a 1-hour presentation by a guest instructor on a relevant Great Lakes science and management issue. Following the presentations, students will lead a discussion based on the presentation and relevant background papers.

**Organizers:** Paris Collingsworth ([pcolling@purdue.edu](mailto:pcolling@purdue.edu)) and Tomas Höök ([thook@purdue.edu](mailto:thook@purdue.edu))



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