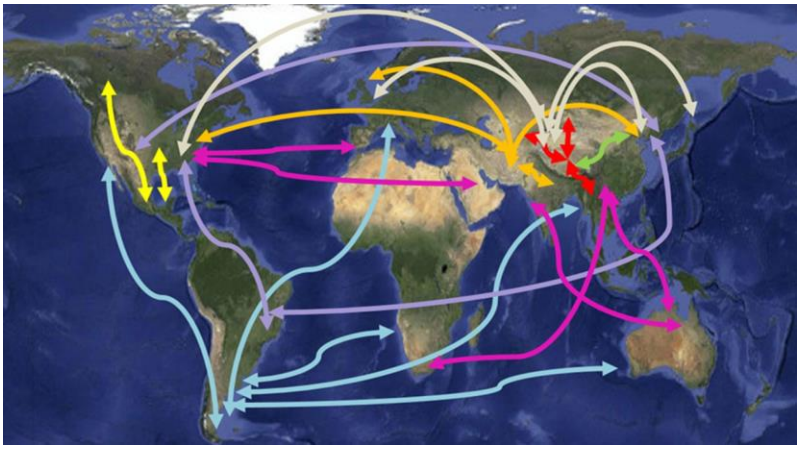
MICHIGAN STATE UNIVERSITY

Department of Fisheries & Wildlife

Seminar Course (Spring 2021)

FW 893, Section 731



Metacoupling Science:

Interdisciplinary Frontiers and Global Applications

This course will examine key issues and exciting frontiers in the new science of metacoupling (human-nature interactions within as well as between adjacent and distant coupled human and natural systems, e.g., social-ecological systems, human-environment systems). Metacoupling science has emerged as a hot topic as it helps guide innovative scientific discoveries and create integrated solutions to global challenges in sustainability, conservation, management, policy, and governance.

Besides discussing important metacoupling concepts and methods as well as applications to a variety of important scientific, socioeconomic, and environmental issues (e.g., biodiversity, climate change, ecosystem services, energy, environment, fisheries, food, forest, species invasion, land, migration, trade, water, and wildlife), students will have opportunities to learn how to write high-impacts papers. This course will consist of lectures and discussion sessions.

Some background information is available here and here.

Days and times: To be determined according to the students' schedules

Format: Online (or in person if the pandemic is over)

Instructor: Professor Jianguo (Jack) Liu (liuji@msu.edu)

To Enroll: https://schedule.msu.edu/default.aspx

Term (Spring 2021), Subject (FW: Fisheries and Wildlife), Course Number (893), Section (731).