

## **Ecological future of a warm and crowded planet (BISP 194)**

Jan 6: Class Logistics and Introductory Lecture

Jan 13: Climate Change and Range Shifts

Jan 20: Climate Change, Phenology and other aspects of biology

Jan 27: Resource Exploitation

Feb 3: Urbanization

Feb 10: Ecosystem Services

Feb 17: Policy and Technological Solutions

Feb 24: Open Discussion

March 3: Student Presentations

March 10: Student Presentations

**Course Structure:** Each meeting will consist of a short lecture by the instructor introducing the topic(s) and student-led discussions of the relevant primary research literature (readings will be assigned each week). Students will also work in groups to research a specific topic, chosen in consultation with the instructor, present their findings to the class and produce a short (1000 word) synopsis. The grade for the course will be based on class participation, presentation and the synopsis.