Stewards of the future: How climate change and human management may alter the distribution of species and ecosystems

Dr. Jessica Hellmann

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Date: Tuesday, October 23rd, 2012
Time: 11:00-12:00 noon
Place: Engineering Dean’s Boardroom, 258 Fitzpatrick Hall

Abstract

Professor Hellmann will discuss research arising from her group that shows how populations within species’ range respond differently to climate change, altering our expectation of simple geographic shifts in biodiversity as the climate warms. This research involves large-scale experimental manipulations, simulated warming experiments, and next-generation genetic analyses. She also will discuss a novel climate change adaptation strategy for species called managed relocation that Hellmann has studied with an international working group and studies of expert opinion about managed relocation that she pursued with social science colleague, Debra Javeline.