

Faculty Meeting Agenda

Urban Design and Planning

June 4, 2024
Noon - 1:20pm

In person: Gould 208J
<https://washington.zoom.us/j/96471410721>

12-12:10	Settle in, bagel up, announcements <ul style="list-style-type: none">• chair's notes?• bagels?• improvements to meetings?	Born, all
12:10-12:30	Discussion on 1% allocation	All
12:30-12:40	Year end review	Born
12:40-1:00	A moment of reflection and celebration!	All

Papers of our Peers

Mark C. Urban, Marina Alberti, Luc De Meester, Yuyu Zhou, Brian C. Verrelli, Marta Szulkin, Chloé Schmidt, Amy M. Savage, Patrick Roberts, L. Ruth Rivkin, Eric P. Palkovacs, Jason Munshi-South, Anna N. Malesis, Nyeema C. Harris, Kiyoko M. Gotanda, Colin J. Garroway, Sarah E. Diamond, Simone Des Roches, Anne Charmantier, Kristien I. Brans. 2024. *Interactions between climate change and urbanization will shape the future of biodiversity*. Nature Climate Change. <https://doi.org/10.1038/s41558-024-01996-2>

Climate change and urbanization are two of the most prominent global drivers of biodiversity and ecosystem change. Fully understanding, predicting and mitigating the biological impacts of climate change and urbanization are not possible in isolation, especially given their growing importance in shaping human society. Here we develop an integrated framework for understanding and predicting the joint effects of climate change and urbanization on ecology, evolution and their eco-evolutionary interactions. We review five examples of interactions and then present five hypotheses that offer opportunities for predicting biodiversity and its interaction with human social and cultural systems under future scenarios. We also discuss research opportunities and ways to design resilient landscapes that address both biological and societal concerns.