

Date: Thurs, Oct. 10th

Time: 16:00 (UTC+8)

Venue: LE4 + Zoom



Stopover ecology and conservation of migratory landbirds in North America

Migratory birds are experiencing dramatic population declines globally. North America has lost 28.3% of its migratory bird population over the past five decades. Such decline is despite considerable conservation efforts toward the breeding and wintering grounds. However, the migration period has been missing in most conservation efforts for migratory landbirds (mostly songbirds) due to the lack of information about their en-route habitat requirements.

My research leverages the power of radar remote sensing and eBird citizen science to monitor the continental-scale movement pattern of migratory landbirds, identify important stopover hotspots and key habitats they use during migration, and assess how these birds confront migration barriers lacking stopover sites. These are the essential information for the full annual cycle conservation of migratory landbirds in North America.



Fengyi Guo

Fengyi Guo (Freda) is a Cornell Atkinson and Rose Postdoctoral Fellow at Cornell University. She is a conservation biologist and migration ecologist committed to solution-oriented research. Her work focuses on the stopover ecology and conservation of migratory species, global change impacts on species distribution and population dynamics, as well as the conservation application of radar remote sensing. She received her Ph.D. in Ecology and Evolutionary Biology from Princeton University, and her M.Phil. and B.Sc. in Ecology and Biodiversity from HKU, where she made many good memories.

ALL ARE WELCOME!

