

# Yale Center for Biodiversity and Global Change

## Fall 2025 Newsletter

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### Main News

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#### **Center Joins Partnership with Government of Guyana and the Regional Biodiversity Alliance**



Guyana is a country immensely rich in biodiversity and committed to becoming a global leader in meeting the UN 30x30 conservation goals. We attended the Global Biodiversity Alliance Summit in Guyana this past July and signed a historic Memorandum of Understanding (MOU) with the Guyanese government. This MOU details our partnership with the office of the President of the Cooperative Republic of Guyana. We are excited to work with Guyana to help establish their biodiversity data infrastructure and support their use of the National Biodiversity Information System developed by our Center to help meet conservation goals. We look forward to guiding them in scaling the impact of the Global Biodiversity Alliance and the creation of an International Centre of Excellence in Biodiversity Research.

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# BGC in the News

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## THE WILDLIFE SOCIETY

### **Birds move north, but still can't beat the heat**

*By Dana Kobilinsky*

Featuring a publication by Jeremy Cohen and Walter Jetz on bird range shifts in response to a changing climate.

[Read the Article](#)

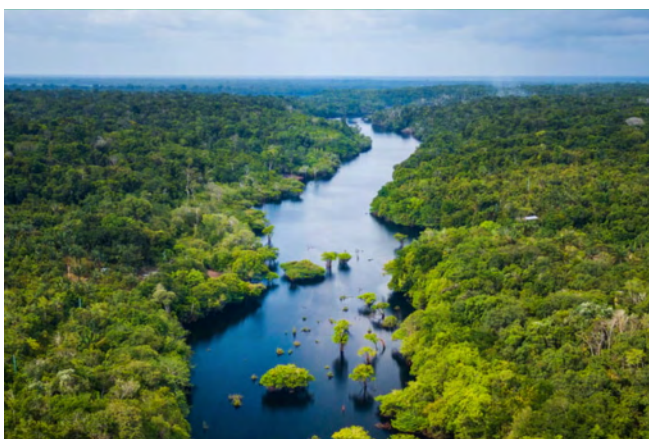


## GUYANA DEPT. OF PUBLIC INFORMATION

### **Guyana, Yale University inks historic MoU to advance biodiversity conservation efforts**

On the historic MOU signed by the Center and the Guyanese government at the Global Biodiversity Alliance Summit.

[Read the Article](#)



## NATURE NEWS AND VIEWS

### **Some birds are left behind in a race to beat the heat**

*By Catherine Sheard*

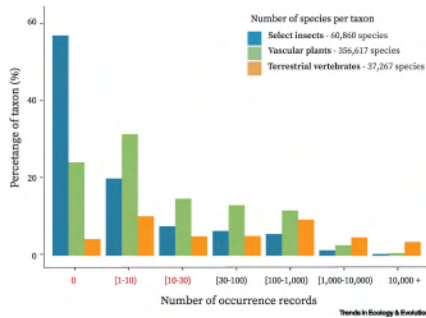
Featuring a publication by Jeremy Cohen and Walter Jetz on bird range shifts in response to a changing climate.

[Read the Article](#)

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# Recent Publications

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## No species left behind: borrowing strength to map data-deficient species

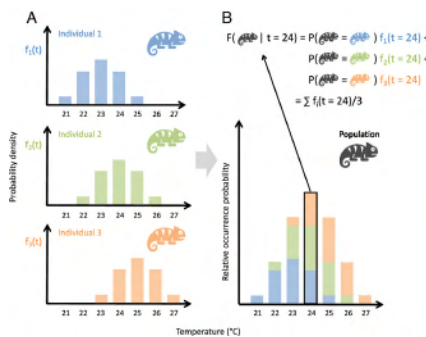
*Trends in Ecology & Evolution*, 2025.

Sharma S, Winner K, Pollock LJ, ... & Jetz W.

[doi.org/10.1016/j.tree.2025.04.010](https://doi.org/10.1016/j.tree.2025.04.010)

Check out an article about this paper on the Center website!

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## A theoretical framework for scaling ecological niches from individuals to species

*PNAS*, 2025.

Lu M, Yanco SW, Carlson BS, ... & Jetz W.

[doi.org/10.1073/pnas.2425582122](https://doi.org/10.1073/pnas.2425582122)

Find all our recent publications on the [BGC website](#).

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# Other News

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## Conferences and Meetings

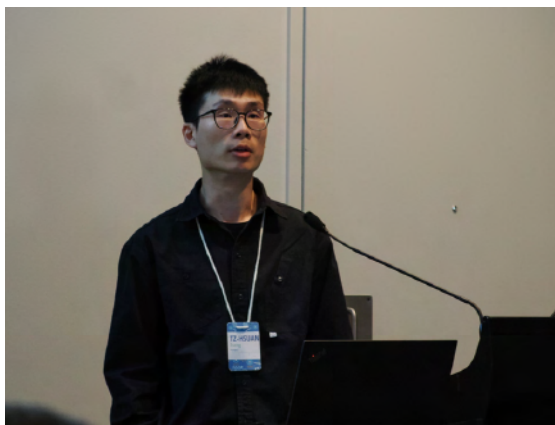
## New York Climate Week

The BGC Center had an active presence at this year's New York Climate Week. Walter presented on a panel about "Innovating for Nature: Technologies applied for biodiversity data in Brazil" at the World Climate and Biodiversity Summit. Both Claire and Walter also hosted a session "Putting species on the map: More effective planetary decision making with Map of Life" as part of the Yale @ Climate Week series. We discussed the importance of applying the best-quality data, metrics, and tools now to support decision-making that supports both climate and biodiversity outcomes.



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## International Congress for Conservation Biology

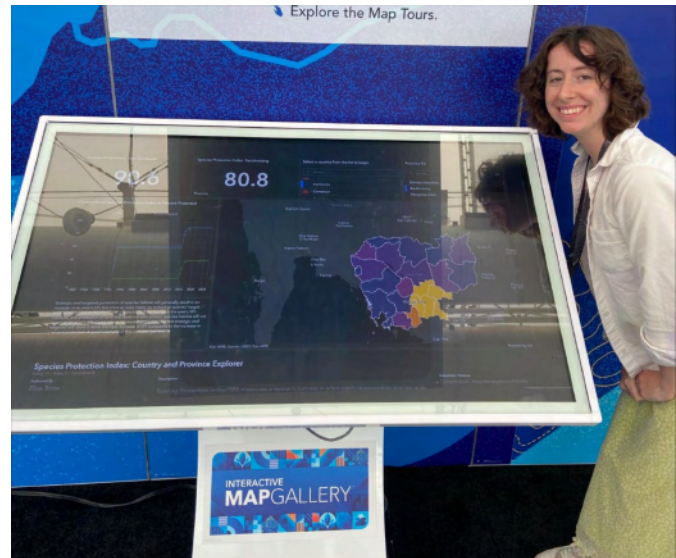


BGC Center members Claire Hoffmann and Tz-Hsuan Tseng attended the 32nd International Congress for Conservation Biology in Brisbane, Australia, this past June. Claire gave a workshop detailing the Map of Life initiative and associated projects and programs, including key Center initiatives like our Species Distribution Modeling efforts, the Expert Tools platform, and the National Biodiversity Information Systems. Tz-Hsuan presented his paper "Hidden suboptimality of cost and area minimization in conservation prioritization model" which urged researchers and conservation practitioners to pay attention to the parameters they apply in optimization models and the corresponding outputs. Tz-Hsuan was a finalist in the Best Oral Talk category for this presentation!

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## Esri User Conference

Elise, our Biodiversity Data Coordinator at the Center, attended the Esri User Conference in San Diego last July to learn the latest and greatest in map making. Her dashboard submission was "Species Protection Index: Country and Province Explorer", and it was featured in the virtual Map Gallery.



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## Member News

### Shubhi Sharma's "Habitat Shared" Exhibit at the Peabody



BGC Center PhD Candidate Shubhi Sharma's artwork is featured in a new exhibit at the Yale Peabody Museum titled "Habitat Shared". This exhibit features several pieces of her original colored pencil artwork which highlight the ordinary and often overlooked yet profound inter-species relationships within human environments.

Shubhi worked with Peabody team members Sydney Muchnik, Andrew Todd, and Andrew Putnam to put together the exhibit. It will be up through May 26, and reminder that the Peabody Museum is free admission!

## Welcome Dr. Carlos Peres

We are very excited to welcome Dr. Carlos Peres to Yale University as a YIBS Edward Bass Distinguished Visiting Environmental Scholar, hosted by the Center. Dr. Peres is a Professor of Conservation Ecology at University of East Anglia (UK), Founder and Science Director of Instituto Juruá, an Amazonian nonprofit conservation NGO that successfully implements community-based conservation, and serves as Policy Adviser to Ministry of Environment (Brazil) on a range of conservation and development issues in the Amazon.



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## Looking Ahead

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### Living Data Conference

*October 2025*

Together with colleagues from the Humboldt Institute, Colombia, and Monash University, Australia, Walter Jetz will be co-organizing a session titled “From Data to Decisions: Advancing Biodiversity Monitoring through Species Population EBVs” at the Living Data Conference, which will be held in October in Colombia.



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### Half-Earth Day

*October 29, 2025*

BGC Center members will be attending the 9th annual Half-Earth Day co-hosted by the E. O. Wilson Biodiversity Foundation and the Field Museum on October 29th in Chicago.



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Thank You For Reading!



<https://bgc.yale.edu>