

## **PAN-tropical investigation of bioGeochemistry and Ecological Adaptation (PANGEA) Scoping Workshop in Washington, D.C.**

The PANGEA DC Scoping Workshop took place from April 9-11, 2024, in Washington, D.C. It was a hybrid event in English with simultaneous translation available in French, Spanish, and Portuguese attended by 106 registered in-person participants convening at the AGU Convention Center and 303 registered virtual attendees. The in-person workshop drew representatives from 19 countries across pantropical regions, including Australia, Belgium, Brazil, Cameroon, China, Colombia, the Democratic Republic of Congo, Ecuador, Gabon, India, Mexico, Panama, Peru, Puerto Rico, the Republic of Congo, South Africa, and Uganda. Additionally, representatives from research institutions in the United States, UK, and Belgium were present. In total, over 400 participants from 36 countries engaged in the hybrid session activities, advancing the PANGEA scoping campaign toward the White Paper writing phase.

The agenda featured a blend of presentations from leaders of past NASA campaigns (like ABOVE, LBA), ongoing NASA air- and space-borne missions (such as EMIT, NISAR, and GEDI), and collaborative research partners (like GEO-TREES and NGEE-Tropics). These presentations aimed to brief participants on the objectives of the PANGEA scoping process. The PANGEA Working Group leads provided an initial update on progress, highlighting input from over 300 members to craft guiding questions, identify key research gaps, and make headway in defining PANGEA science themes. Other session activities included focused discussions on capacity building strategies, engagement of students and early-career professionals, identification of funding sources, and best practices for information gathering and community engagement.

