THE UNIVERSITY OF ARIZONA

**Dr. Marcus Lofverstrom**
Department of Geosciences
1040 E. 4th Street
Tucson, Arizona 85721

Gould-Simpson, Room 322
Office (520) 621-6144
Fax (520) 621-2672
lofverstrom@arizona.edu
http://lofverstrom.github.io

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Funded graduate student position in climate dynamics in the Department of Geosciences at the University of Arizona (starting fall 2021).

The successful applicant will analyze climate model output of South American hydroclimate through the Holocene. State-of-the-art climate model simulations with moisture tracking capabilities will be utilized to explore the origin of precipitation and assess how transport pathways are modulated by major climate modes and across climate states. Students with a BSc or MSc in atmospheric and/or ocean sciences, geosciences, physics, or math are especially encouraged to apply.

Please visit the lab website (https://lofverstrom.github.io) for information about our research program and the department website (https://www.geo.arizona.edu/graduatestudents) for information about the graduate program and application portal. Applications must be received by January 8th for fall 2021 admission. Prospective applicants are encouraged to contact Dr. Marcus Lofverstrom for further information (lofverstrom@arizona.edu).

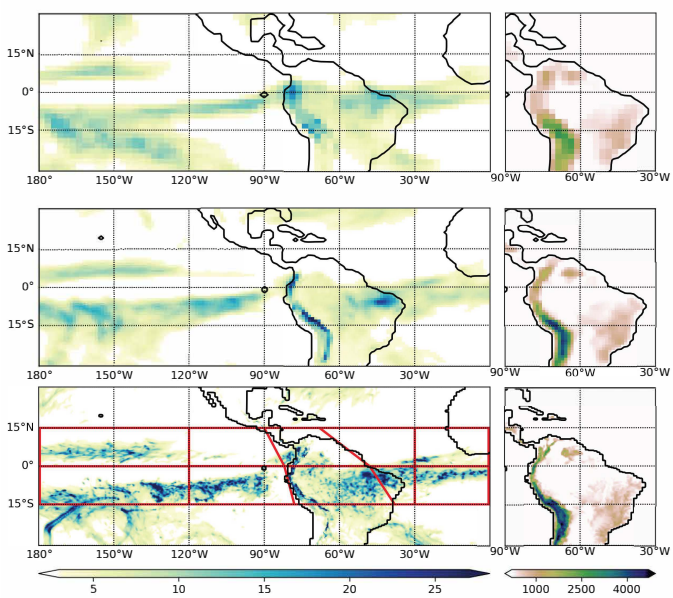


**Figure:** Typical March precipitation [mm/day] (left) & topography [m] (right) on the nominal (top) 2° (FV2), (middle) 1° (FV1), and (bottom) 0.25° (FV02) resolution grid, respectively. Red boxes in the lower left panel show regions from which water vapor is tracked.