

Geowissenschaftliches Kolloquium

Ecohydrology and climate along plateau margins

Donnerstag, 9. Mai 2019 - 16.15 Uhr

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During the Miocene period, the eastern Puna margin was transformed into a wetter environment that hosted lakes, rain-forest vegetation and alligators. New biomarker-based paleoclimate analyses are giving us a detailed perspective on the spatiotemporal evolution of build-up of topography and its impact on paleohydrology, including evidence for later orographic barrier rain-shadow creation and aridification that corresponds to major changes in species' habitats.

After receiving a M.S. from the University of Arizona and his doctoral degree from the Universität Potsdam, **Alexander Rohrmann** spent two years as a Feodor Lynen fellow at the Oregon State University. He joined again the University of Potsdam in 2018 where he is currently working on monsoonal and paleoenvironmental changes along the Tibetan Plateau. His research interest focuses around the complex

feedbacks between tectonic, surface and climate processes.



Layout: FUB GeolPal Vanessa Skiba, 20190423

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