

Welcome Edier!



The Natural Hazard working group of the Institute of Environmental Sciences and Geography welcomes Edier Aristizábal from the National University of Colombia. Edier was awarded a Georg Forster Research Fellowship for Experienced Researchers of the Alexander von Humboldt Foundation. He will be learning on landslides and debris in the Andean mountains under the assumption that landscape evolution, geomorphic process and natural hazards are closely interconnected; his research project is named: *Landscape evolution to understand the multi-hazard scenario in the northern Colombian Andes*.

Colombia faces great challenges related to its natural hazard setting and socioeconomic conditions that seriously threaten its development, derived from a complex geomorphological and hydroclimatological features arising from its tectonic setting and equatorial location. Very intense geomorphic processes and tectonic movements have shaped the landscape of the Northern Colombian Andes, controlling the current complex multi-hazard scenario. As long as a clear understanding of landscape evolution over the last few millions years is lacking, it will remain difficult to assess a comprehensive understanding of the current multi-hazard scenario, and future risk under climate change conditions, as well.

Edier carried out his bachelor in Engineering Geology at the National University of Colombia. He has a specialization in geological and climate related risk at the University of Geneva (Switzerland), a MSc degree at the Graduate School of Science and Engineering of Shimane University (Japan). Edier received his doctor's degree in Engineering working on modeling landslides triggered by rainfall at the Geosciences and Environment Department at National University of Colombia.