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Landslides and debris flows in the tropical and mountainous terrains of the Colombian Andes

#landslides #high risk scenario #Colombia

Colombia is in a complex tectonic and hydrometeorological setting where natural hazards are very common. It is one of the countries most affected by landslides triggered by rainfall in the world. Most of its population is located in urban settlements in the Andean mountains. This natural condition and social context have created a high risk scenario where, unfortunately, disasters have been very common in recent history.

Dr. Edier Aristizabal is an engineering geologist who graduated from the National University of Colombia. He has a specialization in geological risk from the University of Geneva (Switzerland) and carried out his master program at the University of Shimane (Japan) on geomorphology and landslide occurrence. He obtained his PhD from the National University of Colombia, modeling landslides triggered by rainfall in tropical terrains. He works as an associate professor at the National University of Colombia. Currently, he is carrying out a research fellowship at Postdam University (Germany) working on landslides and landscape evolution with Prof. Oliver Korup, thanks to the Alexander von Humboldt Institute.

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