

# Geology of Nazca

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**Funded by:** Dresden University of Applied Sciences

**Involved institutions:** Dresden University of Applied Sciences, Clausthal University of Technology Zellerfeld-Germany

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Lines and Geoglyphs of Nazca and Palpa, important witnesses of our cultural past, have been captured and archived digitally through a research work carried out by the University of Dresden (Germany). Continuing with this work, this project aims to carry out geophysical, geochemical and mineralogical observations below the lines and geoglyphs, as well as on the surface of the plain in which they are found.

The developed observations intend to contribute to the design of possible strategies for the conservation of this major cultural heritage of humanity. Likewise, they look for setting the conditions and geological evolution of the pampas in which they are located.

The project started in 2005 resulting in scientific papers in national and international conferences and journals and magazines. In this stage, which started on August 2010, the participation of professors and students of the *Pontificia Universidad Católica del Perú*, Dresden University of Applied Sciences - Germany and Clausthal University of Technology Zellerfeld-Germany is expected.

Dr. Silvia Rosas (Mining Engineering Section, Main researcher of the project) and Eng. Viviana Moreno (Soil Mechanics Laboratory) represent the PUCP. In addition, Yajaira Mosqueira and Rogger Becerra, students of Mining Engineering Section, participated in the stage of field.