

## Marco Simbaña

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### Personal Statement

A geologist graduate from the Universidad Central del Ecuador. I have skills and Knowledge essential for managing and planning in geologic mapping. I am working in researching and teaching in geosciences at the Yachay Experimental Technology Research University.

### Education

- ❖ 2012 – 2014. Complutense University of Madrid, Spain

Master in environmental geology and geological resources.

- ❖ 2006-2010. Central University of Ecuador, Ecuador

Engineer in Geology

### Work Experience

- ❖ **July 2022 – currently**, Yachay Experimental Technology Research University, as Researcher and Professor in the School of Earth Sciences, Energy and Environment.

Planning, investigation, teaching, organization of learning, practice and evaluation in geology classes.

- ❖ **September 2016 – July 2022**, Ikiam Regional Amazon University, Earth Sciences and Water Faculty professor.

Planning, investigation, teaching, organization of learning, practice and evaluation in classes as Petrography, Geochemistry, Mineralogy, Geodynamics, Volcanology, Mineral Deposits among others.

- ❖ **October 2019 – December 2021**. Coordinator of the Napo Sumaco Geopark, UNESCO aspirant and Director of the Napo Sumaco Geopark Foundation.

Management, divulgation, education, investigation in the geological, cultural and social areas.

- ❖ **March 2015 - August 2016**, Instituto Nacional Geológico Minero Metalúrgico del Ecuador "INIGEMM", Field geologist.

Geological field survey in Loja (South of Ecuador), elaboration of geological reports, geomorphological analysis and geological interpretation of 1:50.000 maps, studies of macroscopic and microscopic petrographic rock samples.

- ❖ **October 2013 – March 2014**, Centro de apoyo a la investigación de ciencias geológicas, Universidad Complutense de Madrid, Geology intern.

Chemical, mineralogical and lithological analysis. Sample preparation for analysis of diffraction and spectrometry, to qualitatively determine the concentration of metals and metalloids. Analysis of results and correlation of chemical and mineralogical data (software statgraphics) of mining waste.

- ❖ **April 2011 – September 2012**, Instituto Nacional Geológico Minero Metalúrgico del Ecuador "INIGEMM", Field geologist.

Investigation of some puzzolanic materials in order to elaborate a calc-puzzolanic cement in the center of my country. Exploration of non-metallic mineral resources, sampling, chemical

and mineralogical analysis. Mapping and geological exploration reports. Topographic surveying of some zones of puzzolanic and calcareous zones.

❖ **March – June 2010**, Schlumberger S.A., Ecuador, Intern geologist in data consulting service.

All of my work experience has involved a team-based working. This involved planning, organization and commitment with my partners and the companies. This ensure accomplish common targets, a fair distribution of tasks and effective communication between the members of the group.