

Curriculum Vitae – Prof. Samuel Albani (updated March 2021)

The focus of my research is mineral dust, both as a proxy of past climate changes and as an active agent in the Earth climate system.

I have been pursuing the study of dust-climate interactions with a highly inter-disciplinary approach: my expertise ranges from early experimental work on ice cores during my MSc and PhD, to numerical modelling of the dust cycle within Earth System Models, which became my core activity during my postdoctoral experiences in the USA (Cornell University), Germany (University of Cologne), and France, where I spent two years at LSCE/IPSL thanks to a Marie Skłodowska-Curie Individual Fellowship.

After obtaining the national habilitation (disciplinary sector A4/03: Applied Geology, Physical Geography and Geomorphology) in Italy in 2017, I was recruited as Associate Professor at the University of Milano-Bicocca in 2018, in the context of strengthening the research on climate change in the framework of the “departments of excellence” initiative, at the Department of Environmental and Earth Sciences.

My research activity so far has led to the publication of 35 papers in international peer-reviewed journals, and a book chapter, which have been cited 1695 times, with H-index 20 (Scopus, accessed 28/1/2021).

I was invited as keynote contributor to the AGU Fall Meeting 2017 (New Orleans), and the 20th Congress of the INQUA in 2019 (Dublin), as well as to write an invited review paper on “Aerosol-climate interactions during the Last Glacial Maximum”, for Current Climate Change Reports (2018).

I was also invited as a contributing author to the First Order Draft of the IPCC Assessment Report 6 (WG1), for “Chapter 2: Changing state of the climate system”.

I have reviewed papers for several journals, and proposals for funding agencies in different countries, and organized thematic sessions at international conferences.

Currently, I am a faculty member for the MSc programs in Earth Sciences, Environmental Sciences (where I am also a member of the internationalization commission), and Data Sciences at the University of Milano-Bicocca, and for the PhD program in Environmental, Geologic and Polar Sciences at the University of Siena.

My teaching activity has included courses at the undergraduate and graduate levels on Climate change, Climate modelling, and Geospatial data analysis.

I have been supervisor or co-supervisor for several students at the undergraduate and graduate level in the fields of Environmental Sciences and Data Sciences.

More information:

Personal webpage: <https://sites.google.com/site/samuelalbani/>

Scopus: <https://www.scopus.com/authid/detail.uri?authorId=36105812700>

ORCID: <https://orcid.org/0000-0001-9736-5134>