

PROFESSORAT DEL MÀSTER UNIVERSITARI
EN PLANIFICACIÓ TERRITORIAL I GESTIÓ AMBIENTAL

AUTOINFORME D'ACREDITACIÓ 2025



LOTHAR SCHULTE
CATEDRÀTICO
DOCTOR EN GEOGRAFÍA
DEDICACIÓN A TIEMPO COMPLETO

GRUP DE RECERCA

Paleogeocology and Natural Hazards (PaleoRisk), 2021-SGR 01103

LÍNIES DE RECERCA

Riscos Naturals, Paleoclimatologia, Geomorfologia, Estudis del Quaternari

DADES DE CONTACTE

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ASSIGNATURES DE MÀSTER EN LES QUE PARTICIPA (CURS 2024-2025)

Natural Risks (Riscos Naturals)

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BREU RESUM DE LA TRAJECTÒRIA DOCENT

Lothar Schulte has a strong commitment to teaching at various university levels (graduate, master, doctorate). He has lectured at the University of Düsseldorf (Germany), University of Bern (Switzerland), University of California, Berkeley (USA), University of Barcelona, University of Lleida and UNIBA in geomorphology, climatology, biogeography, remote sensing, protected area geography, natural hazards, management of natural hazards in mountain regions and has organized a large number of one-week-long field courses in the Alps, the arid basins of SE-Spain and the Spanish coast.

BREU RESUM DE LA TRAJECTÒRIA INVESTIGADORA

Lothar Schulte, Full Professor and distinguished ICREA Academia Researcher in Physical Geography at the University of Barcelona, is at the forefront of research dedicated to understanding changes in river basins and landscapes. His focus extends to the study of the historical interplay between flood dynamics, land use practices and hydraulic management over different time scales, ranging from multi-millennial to historical. The focus of his research is on the impacts of global change on mountain environments, floodplains, riverine landscapes and local communities in a variety of geographical settings, including the European Alps, the New Zealand Alps, the Sierra Nevada, the Pyrenees, the Andes, the arid regions of southern Spain, the Catalan coast and the Mediterranean basin. From 2001 to 2002 he was awarded the prestigious LF-Postdoc Grant of the Alexander von Humboldt Foundation (Germany) and received the ICREA Academy Award in 2012-2006 and 2020-2025.

Since 2006, he has established the PaleoRisk Research Group and obtained 17 funded research projects (15 x PI and 2 x Co-PI) and participated in 3 EC projects. Under his leadership, the PaleoRisk research group obtained 2 post-doc and 7 PhD positions. Former PhD students are now Associate Professor (1), Lecturer (2), Assistant Professor (2), Researcher (1), Research Programme Manager (1), etc.

EXPERIÈNCIA DE GESTIÓ

Lothar Schulte has been Secretary of the Doctoral Commission of the Faculty of Geography and History (2015-2020), member of the Claustro of the University of Barcelona (2010-2014), member of the Doctoral Commission in

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Geography (2008-present), member of the Master Commission in Geography (2008-present). He is a member of project review panels for the Spanish AEI and the Catalan research agency AGAUR, the German Research Council (DFG), the DFG Collaborative Research Centre and the DFG Priority Programme. Since 2018, he is a member of the evaluation committees of the Catalan University Evaluation Agency (AQU), the Geological Survey of Israel (GSI) and the Flanders Research Foundation (FWO).

PROJECTES D'INVESTIGACIÓ FINANÇATS (DARRERS 6 ANYS)

Flood trends in cultural riverine landscapes: spatio-temporal variability, patterns and attribution (FloodLand), 2024-2027, Ministry of Science, Innovation and Universities, PID2023-148210OB-I00, PI: Lothar Schulte

ClimEx-PE Climate Extremes buffering through groundwater flow-based Managed Aquifer Recharge and Public Engagement, 2024-2027, European Commission, Water4All-2022-00183, PI: Judit Szónyi; Lothar Schulte is Task Leader.

Paleoecology and Natural Hazards (PaleoRisk), 2021-SGR 01103, 2022-2025, Research Area of the Catalan Agency for Administration of University and Research Grants, 2017-SGR-1106, PI: Lothar Schulte

PAGES Floods Working Group, PAGES-FWG, 2024-2026, Past Global Changes, WS-231, PI: Lothar Schulte

Pluridisciplinary analysis and integration of multi-archive datasets for the development of time-space models of historical floods (MultiArchFlood), 2021-2024, Ministry of Science, Innovation and Universities, PID2020-113664RB-I00, PI: Lothar Schulte

Paleoenvironmental reconstruction and human-environmental interactions in mountain regions of New Zealand and Switzerland, 2020-2025, Catalan Institution for Research and Advanced Studies (ICREA), ICREA Academia 2019 Schulte, PI: Lothar Schulte

Alpine flood histories and climate change: Grebe Valley, Fiordland, 2017-2018, Massey University Research Fund, 56588-GEO, PIs: Ian Fuller; Lothar Schulte; Mark Macklin

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3000 years of flooding in mountain catchments: connectivity, synchronization or teleconnection? 2017-2019, Ministry of Science, Innovation and Universities, CGL2016-75475-R, PI: Lothar Schulte.

PaleoRisk - Research Group. Paleoecology, natural hazards, environmental management, 2017-2022, Research Area of the Catalan Agency for Administration of University and Research Grants, 2017-SGR-1106, PI: Lothar Schulte

ACREDITACIONES (AQU, ANECA) I DATES D'OBTENCIÓ:

AQU: Recerca avançada (30/01/2006)

ANECA: Catedrático de Universidad (01/12/2010)

SEXENNIS DE RECERCA: 4, ultimo 2014-2019; en vigor.

QUINQUENNIS DE DOCÈNCIA: 3 (autonómicos), 4 (estatales)

TRIENNIS: 8