

EINLADUNG ZUM ONLINE - VORTRAG
am **DIENSTAG, 25. MAI 2021, 17:30 UHR**

Dr. Andrew CUNLIFFE

Department of Geography,
University of Exeter, UK



**SEEN FROM ABOVE:
THE NEXUS BETWEEN FINE-SCALE
REMOTE SENSING, ECOLOGY AND
GEOMORPHOLOGY**

Throughout history, our observations of the natural world have been fundamental to deriving information, knowledge and understanding. Through detailed observation, we are often able to reveal the inconsistencies in our conceptual and numerical models that undermine our ability to explain and predict environmental phenomenon. Given the magnitude, speed and severity of changes happening in environmental systems across our planet, there has never been a greater need to consolidate, and act on, environmental insights. This lecture will explore the use of fine-scale observations, particularly drone photogrammetry, to refine understanding of ecosystem structure and function.

Dr Andrew Cunliffe is currently a Research Fellow in Dryland Carbon Dynamics in the Department of Geography at the University of Exeter. He has a broad research background, drawing on multidisciplinary insights from geomorphology, hydrology, ecology and remote sensing and has worked in wetland, dryland, Arctic and rainforest settings. He leads international collaborative projects to improve coordination and synthesis between research groups using lightweight drones as remote sensing tools around the world.

Organisiert von
Arbeitsgruppe *Geomorphologische Systeme und Risikoforschung*
Institut für Geographie und Regionalforschung
Universität Wien

Zoom-Meeting beitreten

<https://univienne.zoom.us/j/99069643592?pwd=cVRsUFJYa1IDcUFIMmhLOHIHZ0tKUT09>

Meeting-ID: 990 6964 3592

Passwort: 376948