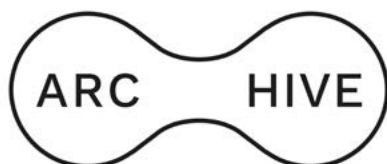




Field_Notes - Traces
A (paleo)-ethology of tracing

Technical setup



Co-funded by the
Creative Europe Programme
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REMOTE PARTICIPATION

As the mobile phone data connection in the field was unreliable and very patchy we decided to work with remote participation only at the station. Here we used the universities wifi connection, the zoom videoconferencing software, a large TV screen and video projector as well as a surround microphone and speaker so everyone could easily participate.

TV screen and projector: generic

Surround microphone and speaker: JABRA SPEAK 510

TECHNICAL EQUIPMENT IN THE FIELD

Image taking and video recording: generic mobile phone cameras and dedicated digital and analog cameras

Video recording: DJI Pocket 2, small and lightweight 4k gimbal camera, especially convenient for field work documentation

Drone video recording: DJI Mavic 2 pro

Audio recording: ZOOM H5

Power supply: XTORM Powerbank rugged 20.000mAh and XTORM Solarbooster 21 W panel

Geological tools: various hammers, geological compass, loops, jacob staff, field microscope

Artistic tools: various papers, pencils and colors

SPECIAL SOFTWARE

Videoconferencing: ZOOM

Drone photogrammetry: WEB ODM

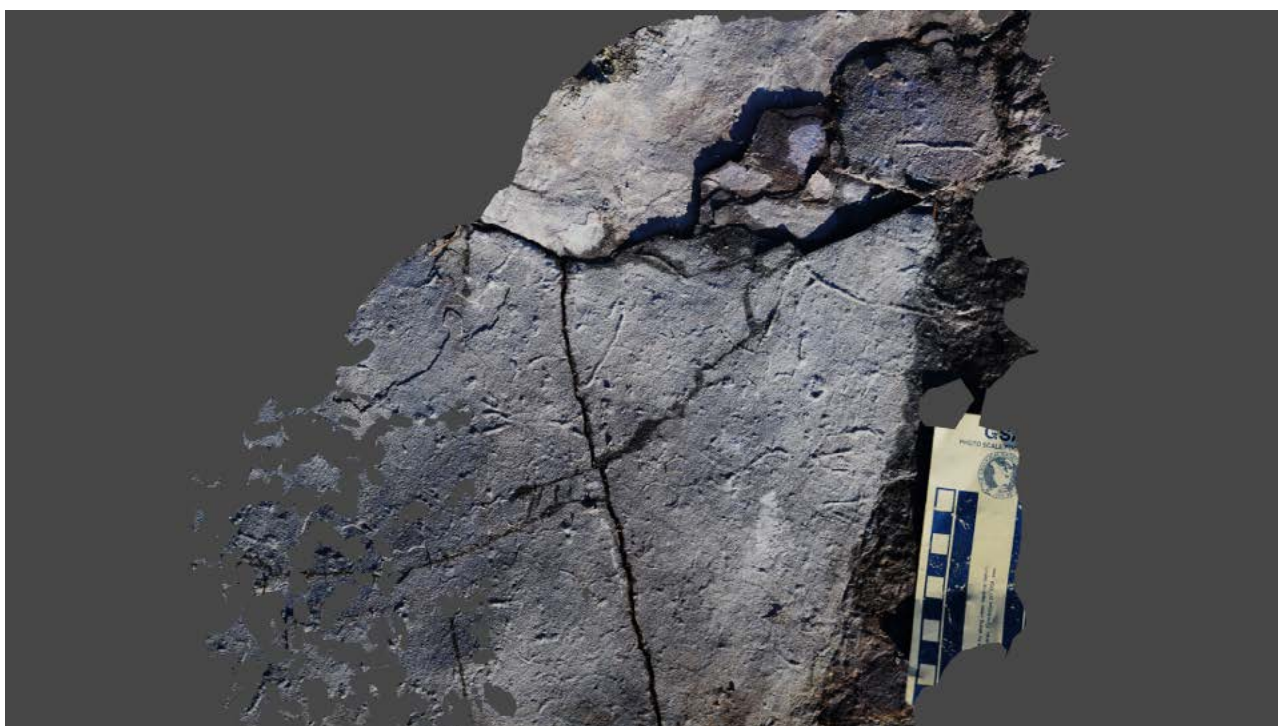
GIS software: QGIS

Camera photogrammetry and 3D modelling: Meshroom

3D composition: BLENDER



Getting drone ready for areal survey



High resolution 3D model of trace fossil plate made with Meshroom