

F. Borràs¹; J. Hopfenblatt²; A. Geyer²; M. Aulinas³

³Drones for Geology, Barcelona, Spain.

²Geosciences, GEO3BCN - CSIC, Lluís Solé i Sabarís s/n, 08028, Barcelona, Spain.

³Departament de Mineralogia, Petrologia i Geologia Aplicada, University of Barcelona, Martí Franques s/n, 08028, Barcelona, Spain.

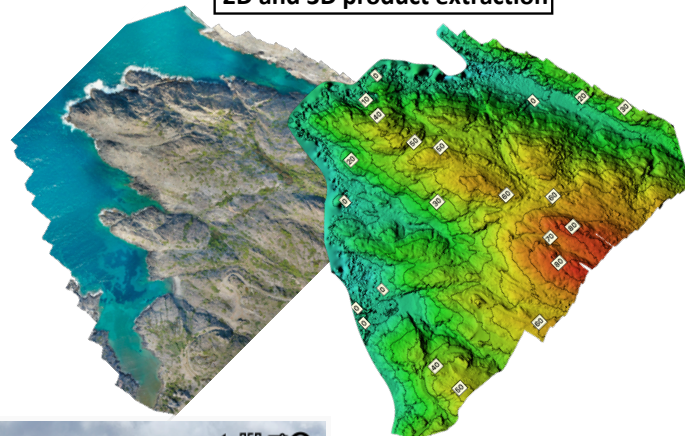
Dense point cloud generation



Extraction of geometric parameters (dip, dip direction, thicknesses, volumes...)

1. Projects from a new perspective thanks to new accurate tools
2. Critical direct implications pre, syn and post fieldwork
3. Chance of creating virtual environments for fieldtrips in lockdown conditions
4. A tool to make geology more inclusive, attractive and disposable
5. Big implications in geosciences divulgation

2D and 3D product extraction



Virtual fieldtrips

