

**Online - March 29th, 2025  
WORKSHOP**

**Geoscience popularisation in Geoparks:  
A Common Workflow for Digital Outcrop Modelling**

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*In collaboration with Dr. Mark Williams (University of Tasmania, Australia) & Raíza Sartori Peruzzo (Federal University of Santa Catarina, Brazil)*

**Duration:** 4 hours - **Target audience:** Geopark educators, geoscientists, academics, postgraduate students

This workshop is aimed at equipping participants with basic skills needed to create 3D digital outcrop models using a standardised workflow with common tools such as drones and smartphones scanners. The workshop will cover basic concepts of photogrammetry and LiDAR, discuss equipment requirements, and best practices for data acquisition and processing. Instructor-led practical training sessions will be conducted using drone-acquired datasets and data collected by participants from rock samples. As well as practical training in data processing using Agisoft Metashape, followed by integration and annotations in Sketchfab. Participants are encouraged to use their own smartphones and laptops to the practical sessions. These 3D models are valuable for geopark management and education and the workshop will also strengthen international collaboration by bringing together scientists from developing countries and young researchers, fostering partnerships, and encouraging knowledge exchange.



Register here  
until 25<sup>th</sup> March!

<https://forms.office.com/e/uvzdvs8SNbX>

Take a look at the 3GEO  
SketchFab collection



<https://skfb.ly/psJYo>



WebGIS linking the 3D models

<https://arcg.is/eHKGU>

