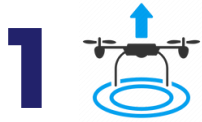


Data Acquisition Protocol for CMLO

Data Acquisition Protocol STEPS



Adjust the flight altitude until the **Ground Sample Distance (GSD)** is approximately **0.5cm**. For consumer **DJI drones** (e.g. DJI Mavic/Phantom series) this altitude is approximately **18m**.



Set **flight speed** to "slow" (e.g. up to 5-7m/s)



Capture "**vertical**" images (i.e. **90 degrees** pitch)



Capture images often, but not too often (i.e. overlap **20-40%**)



White Balance to **AUTO**



ZIP and upload the dataset to **CMLO** platform



Important note

Try to take off as close to the sea level as possible (most drones measure the flight altitude from the take off point and not from the sea level).

Drone pilots must adhere to laws and regulations of the local Civil Aviation Authority and are exclusively responsible for their flight operations.



This document is a manual created by SciDrones PC Spinoff, the first spinoff company of the university of the Aegean to inform potential collaborators how to collect marine litter images with the use of commercial drones.

For **more** information about the process or steps of this manual please **contact**:



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