

Michaela Doukari is a PostDoc researcher in Marine Remote Sensing in the Department of Marine Sciences, University of the Aegean, and a member of the MRSGroup. She holds a degree in Surveying and an MSc in Geography and Applied Geo-informatics. Her Ph.D. research focuses on the investigation of the potentials of the UAS in the acquisition of accurate and reliable geospatial information in the coastal environment. The main aim of this research is the development of a repeatable, low-cost, flexible, and effective methodology for marine habitat mapping.

Her research interests include UAS data acquisition and processing, Structure from Motion photogrammetry, 2D and 3D visualization, GIS mapping, UAS mapping, Image processing techniques, remote sensing, marine habitat mapping, coastal and marine applications. Michaela is an expert in UAS spatial data acquisition, satellite, aerial image processing, and Geographic Information Systems. Her research in close remote sensing in the coastal environment has resulted in journal and conference publications.