

SEagrass **D**iversity in the **M**editerranean basin in a global change scenario: a machine lear**N**ing approach from sa**T**ellite images (SEDIMENT)

INDIVIDUAL PROJECT (IFISC-UIB)

«Proyectos Estratégicos Orientados a la Transición Ecológica y Digital» 2021

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Duration (2 yrs): 01/12/2022 – 30/11/2024

Total Budget: 193.200€ (including indirect costs 15%)

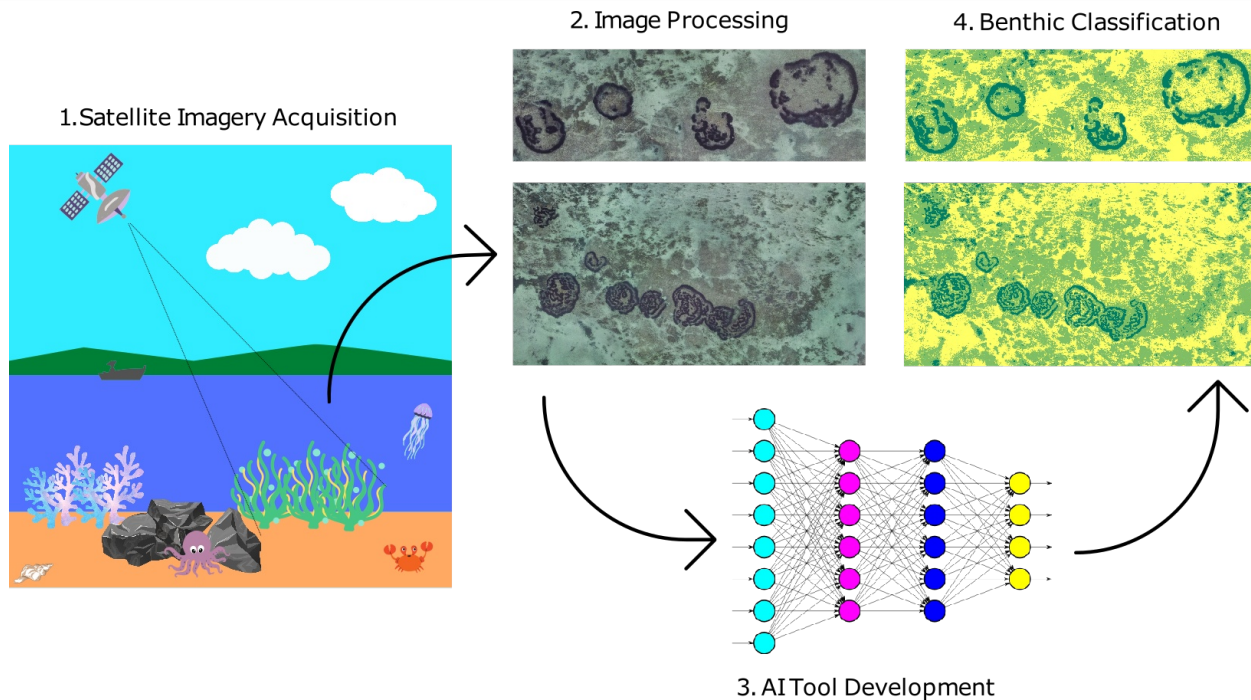
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Several areas of the Mediterranean basin will be studied

Satellite images (multi-band) and (satellite based) Sea Surface Temperature (SST) and a cartography for training are used



WP1: Construction of machine learning systems able to identify seascape vegetation patterns in nature

WP2: Assess trajectories of ecosystem change with machine learning and correlate with sea surface temperature (SST)