



Aquaculture monitoring

Proactive monitoring of the blue economy supporting fishing and aquaculture activities in the distributed coastal regions, monitoring marine ecosystem health, strengthening and economic management of marine resources.

- **Monitoring the emergence and development of Algae Blooms (HAB) & marine pollution** like oil spills, ensuring timely response to harmful outbreaks and maintaining healthy and safe marine ecosystem
- **Mapping aquaculture structures** such as fish farms and cages, including inventory of on-shore fishing ponds, for efficient monitoring, reporting, regulation and protection of aquaculture assets and marine ecosystem
- Supporting aquaculture and fishing operations by providing **early warnings of hazards** such as infestation, approaching weather phenomena
- **Timely detection of pests and diseases** by active monitoring of water quality

Added value: Finding optimal locations for aquaculture operations, mapping of aquaculture farms, ensuring compliance of aquaculture activities with sustainability and environmental standards.



Our environmental analytics flagship

- We **analyse vulnerability**
- Identify & monitor drivers contributing to vulnerability
- Integrate EO & socioeconomic data for **risk and sensitivity analysis**
- Highlight regions at high **vulnerability**
- Provide timely information regarding changing vulnerability status
- Daily alerts with the **Marble constellation** data

