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## **ACOMAR Network: Real-Time Coastal Waters Monitoring in Canary Islands**

C. Barrera, M.J. Rueda and O. Llinas

Instituto Canario de Ciencias Marinas -ICCM-, Las Palmas, Canary Islands, SPAIN.  
(carlos@iccm.rcanaria.es / Phone: +34 928 132900 / Fax: +34 928 132908)

The ACOMAR Network is a proposal from Instituto Canario de Ciencias Marinas, Canarian Government, addressed to increase both marine environment monitoring quality and quantity, with the aim to understand and forecast phenomena that take place on it, as well as their environmental and socio-economical repercussions.

The proposal acts as an integrator tool, with the aim to allow accessible and compatible the all observations on the Canarian marine environment, independently of the data provider institution/agency and monitoring source.

It's essential to stand out the regional integrator spirit from the Macaronesian area, both in Açores, Madera and Cape Verde Archipelagos, as well as the African coast. The integration spreads over the instrumental approach, because the aim is to add and make available the "in-situ" observations from both moored and drifting devices, on surface or undulate through the water column, and remote sensing as well.

ACOMAR has been build from "base to top", starting on specific end-users toward general users, holding the aims and rules established by national and international agencies and organizations, focused on to understand the processes and phenomena at global scale. The obvious need to increase the acquired information quantity and quality, has involved directly the proposal with technological developments on wide range of devices and tools, with the aim to bring out them more accessible both technically and economically.