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Prof. Joaquín Tintoré
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Dr. Joaquín Tintoré is professor of physical oceanography from CSIC (Spanish Council for Scientific Research) at IMEDEA (CSIC-UIB) where he is Head of the Department of Marine Technologies, Operational Oceanography and Sustainability. Since December 2008, he is also Director of a Spanish Large Scale Marine Infrastructure, SOCIB (**B**alearic **I**slands **C**oastal **O**cean Observing and Forecasting **S**ystem), a new multi-platform facility of facilities that responds to scientific, technological and strategic society priorities related to the role of the oceans in climate change.

Throughout his career he has studied the physical processes and mechanisms that can explain the dynamics of the coastal ocean and its multidisciplinary interactions (from the nearshore to the open ocean) with particular emphasis on the impacts of fronts and instabilities such as mesoscale and submesoscale eddies on upper ocean vertical biogeochemical exchanges. He has always combined a threefold approach: (a) searching for new and non-repetitive scientific ideas, (b) maintaining high quality 'excellent' science linked to technology development and (c) developing new tools for decision support and by this increasing the transfer of knowledge to society and contributing to science and ecosystem based integrated coastal and ocean management.

His present interest includes the implementation of new monitoring devices such as autonomous underwater gliders (more than 10.000 profiles since 2006) on a multi-platform distributed observing systems framework to study the coastal ocean spatial and temporal variability and related ecosystem response. He has published 120 papers in international refereed journals (h index = 25-ISI WoK-), has been principal investigator in 42 peer reviewed research projects and has also coordinated two EU funded international projects. He has been the advisor for 9 Ph. D Thesis and 10 MSc Thesis and has also occupied several positions in management of science at Spanish and European level. In 2003 he obtained the Spanish National Research Award for his "outstanding research contributions in the field of coastal oceanography and mesoscale dynamics".

His role at SOCIB is to establish a new coastal ocean observing and forecasting system in the Balearic Islands, a system that will allow scientists and engineers to carry out high quality research, contributing to technology development and also responding to specific problems raised by society in the context of global change.