

On-going projects on interdisciplinary research approaches and multi-scale analyses of Ria de Aveiro coastal lagoon and linked interfaces

João A. Soares ^(a, 1) • João Rocha ^(a) • Lisa P. Sousa ^(a) • Pedro Almeida ^(a) • Bruno Silveira ^(a) • Carla Teotónio ^(a) • Eduardo Oliveira ^(a) • Henrique Alves ^(a) • Maria da Luz Fernandes ^(a) • Ana I. Lillebø ^(b) • Peter Roebeling ^(a) • Fátima L. Alves ^(a) • Celeste Coelho ^(a)

^(a) CESAM & Dep. Environment and Planning, Univ. Aveiro • ^(b) CESAM & Dep. Biology, Univ. Aveiro

⁽¹⁾ jsoares@ua.pt

TWAM 2013
International Conference & Workshops

16 - 20 March 2013

Aveiro - Portugal

Transboundary water management
across borders and interfaces
present and future challenges

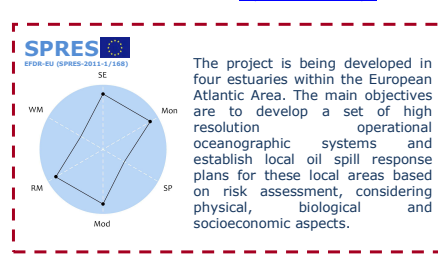
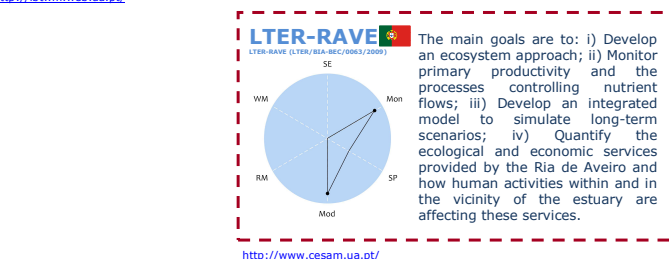
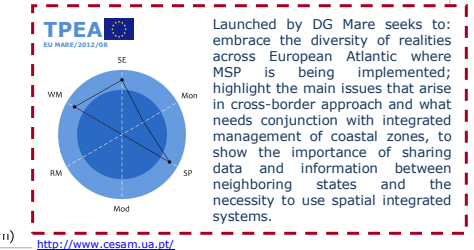
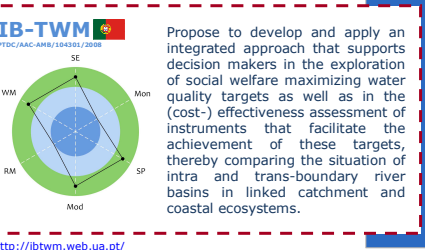
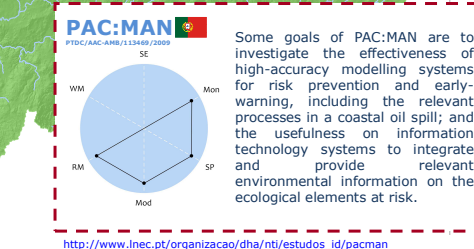
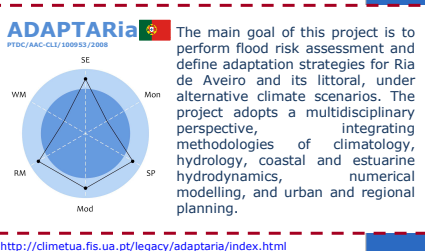
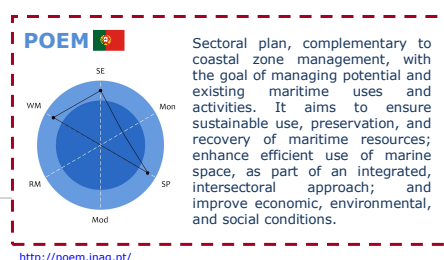
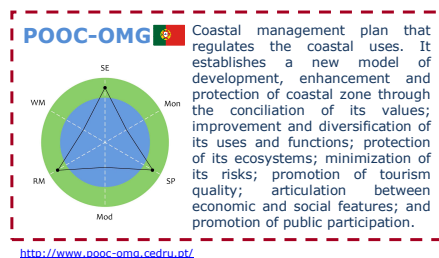
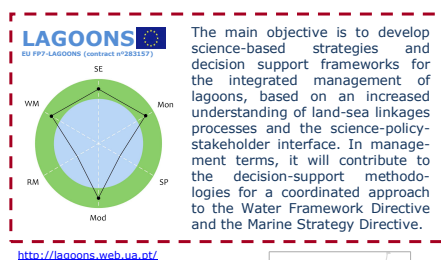
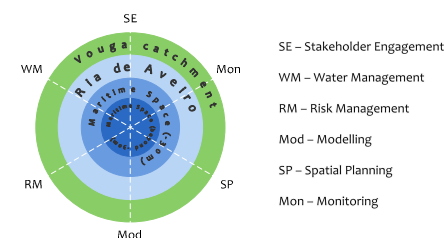


Abstract

The Aveiro lagoon area has been the focus of considerable research work gathering different specialists and thematic perspectives. These projects together handle a multi-scale territorial analysis of Ria de Aveiro, varying from the entire Vouga River basin, to small sub-catchments and linking these to the downstream coastal ecosystems.

Issues of concern of these projects involve a wide range of topics and methodologies, being some of them multidisciplinary – including integrated water management, water resources modelling, spatial planning, stakeholder engagement and water quality status, among others.

Figure key and legend:



Main Conclusions:

The range of different projects and contexts, together with a privileged proximity between the Research Groups within CESAM (Centre for Environmental and Marine Studies) contributes to this multi- and inter-disciplinary approach about Aveiro coastal lagoon and linked interfaces. The multiplicity of approaches and work experiences improves our capacity to provide more accurate information, knowledge and databases, therefore supporting a better decision-making process.

Acknowledgements:

This poster forms part of the following research projects: **LAGOONS** (Integrated water resources and coastal zone management in European lagoons in the context of climate change), **POOC-OMG** (Plano de Ordenamento da Orla Costeira Ovar – Marinha Grande), **POEM** (Plano de Ordenamento do Espaço Marítimo), **PAC:MAN** (Pollution accidents in coastal areas: a Risk management system), **TPEA** (Transboundary Planning in the European Atlantic), **SPRES** (Oil Spill Prevention and Response at Local Scales), **LTER-RAVE** (Long term monitoring in the Ria de Aveiro: towards a deeper understanding of ecological, environmental and economic processes), **IB-TWM** (Iberian Trans-boundary Water Management: experiences from the past and approaches for the future) and **ADAPTARIA** (Climate Change Modelling on Ria de Aveiro Littoral - Adaptation Strategy for Coastal and Fluvial Flooding). An acknowledgement should also be made to all sponsors institutions (see the logos on the right side).

Projects logos



Institutional/sponsor logos

