



El observatorio oceánico RALIA: Dinámica de las plumas en la costa gallega y portuguesa en condiciones de alta descarga fluvial



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Marcos Cobas, Luz García, Gonzalo González-Nuevo,
Jose Manuel Cabanas y Jesús Gago

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OBSERVATORIO OCEANOGRÁFICO
RALIA



I Encuentro de Oceanografía Física Española. 13-15 Octubre 2010

El observatorio oceánico RAIIA



METEOGALICIA



I Encuentro de Oceanografía Física Española. 13-15 Octubre 2010

El observatorio oceánico RAI

0013-RAIA-1-E
POCTEC 2007-2013

<http://www.observatorioraia.org>



Galego Castellano Portugués English

INICIO | RAIA | NOVAS | DOCUMENTOS | MEMBROS | LIGAZÓNS | SERVIZOS

VISOR RAIA

Capas base

Capas Observación

- Redes Observacion
 - Boias Plataforma
 - Boias Costa
 - Mareógrafos
 - Estacións Augas de Galicia
 - Estacións MeteoGalicia

Capas Intecmar

- Batimetría
- Parques naturais
- Parques nacionais

Capas Xerais

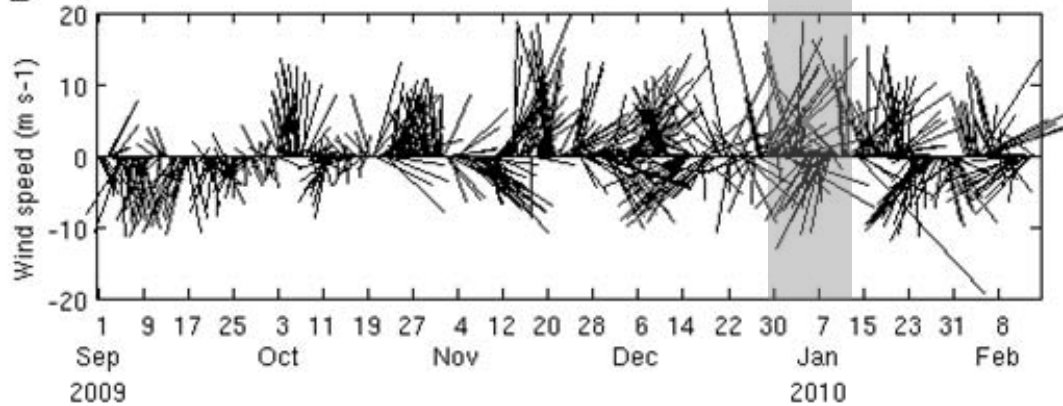
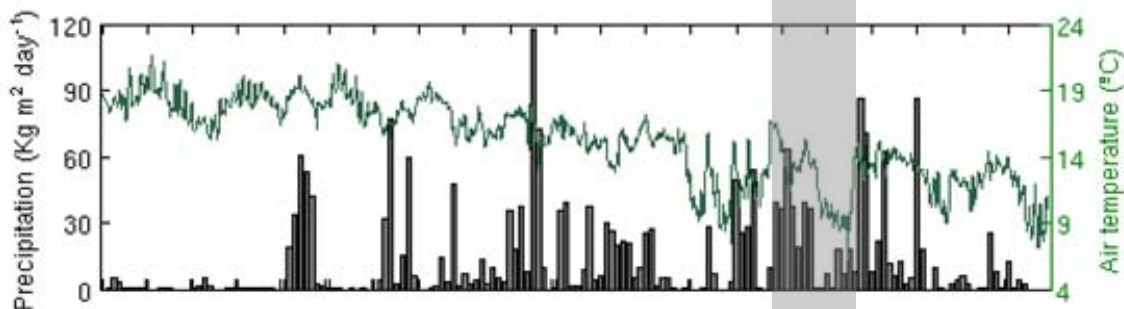
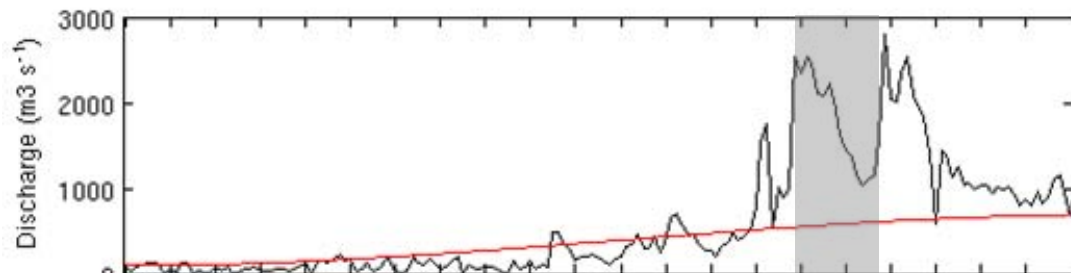
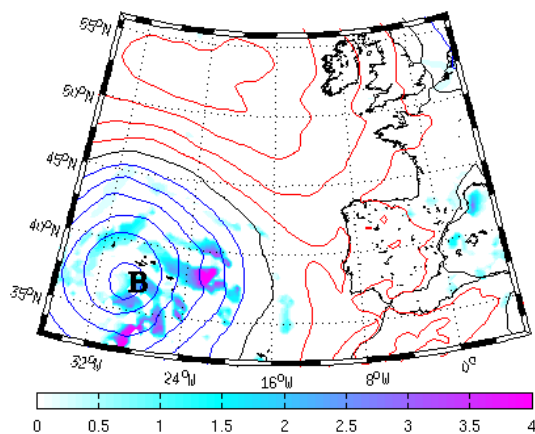
Galicia
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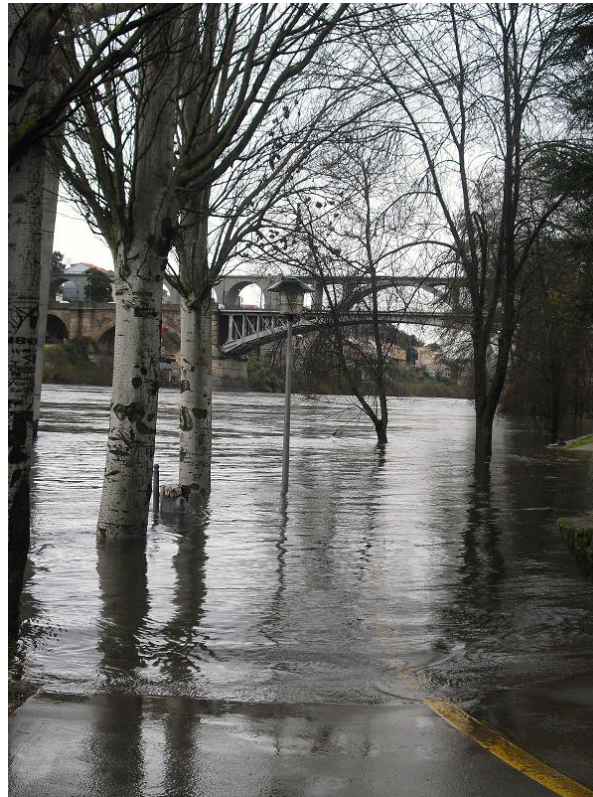
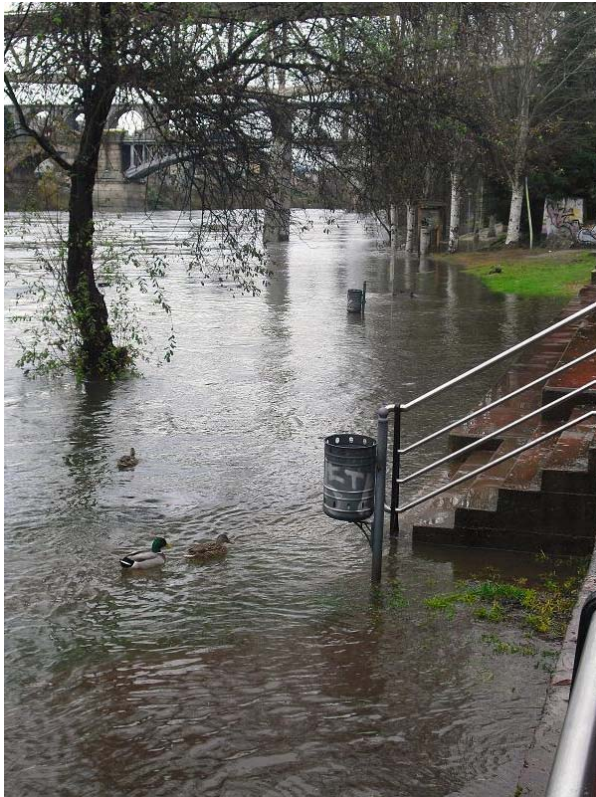
Encuentro de Oceanografía Física Española. 13-15 Octubre 2010

Otoño/invierno 2009/2010

ACCUMULATED PRECIPITATION IN PREVIOUS HOUR (Kg m⁻²)
2009/10/1 6Z



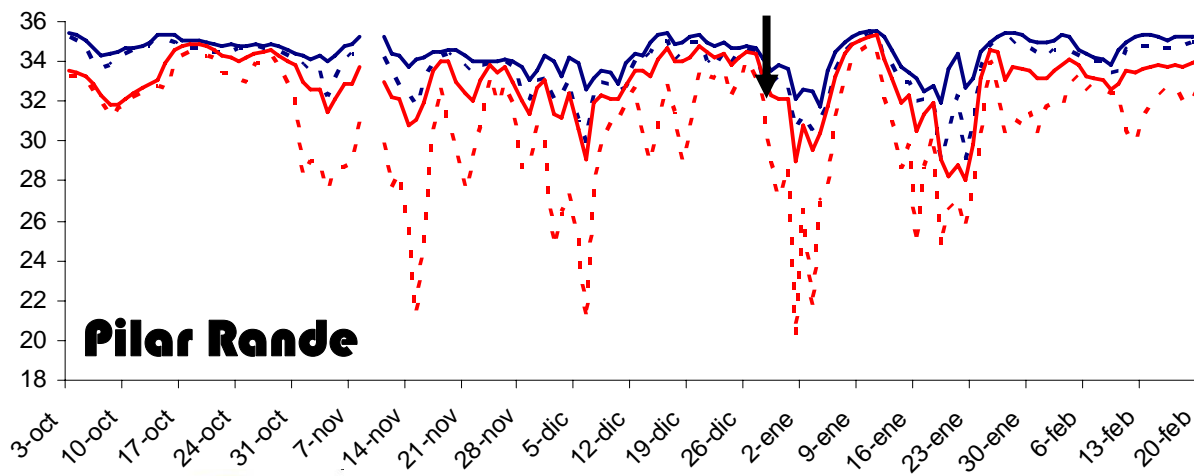
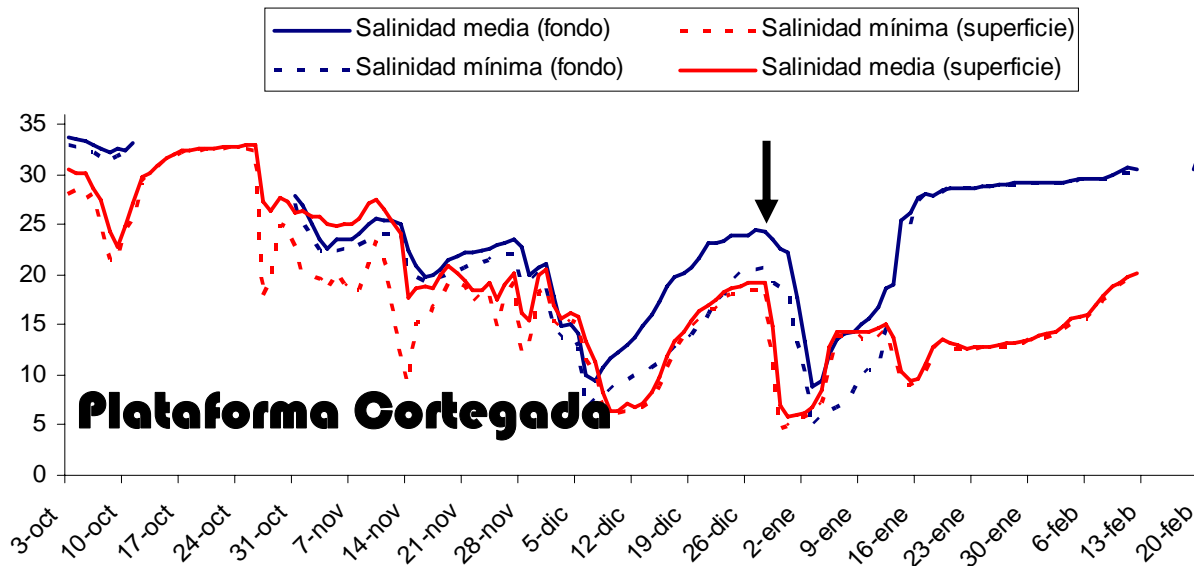
El Miño a su paso por Ourense



Fotografías: Foro MeteoRED



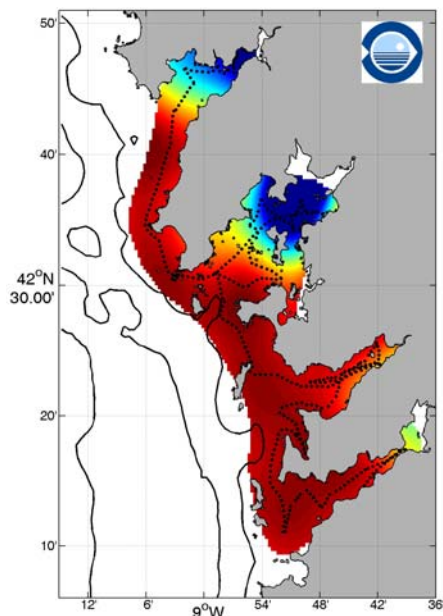
I Encuentro de Oceanografía Física Española. 13-15 Octubre 2010



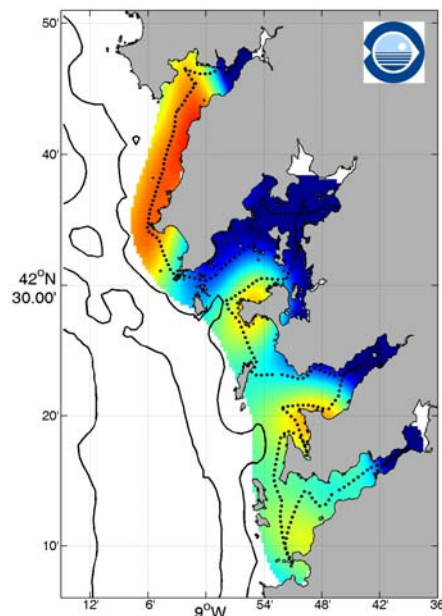
Observaciones B.O. Navaz



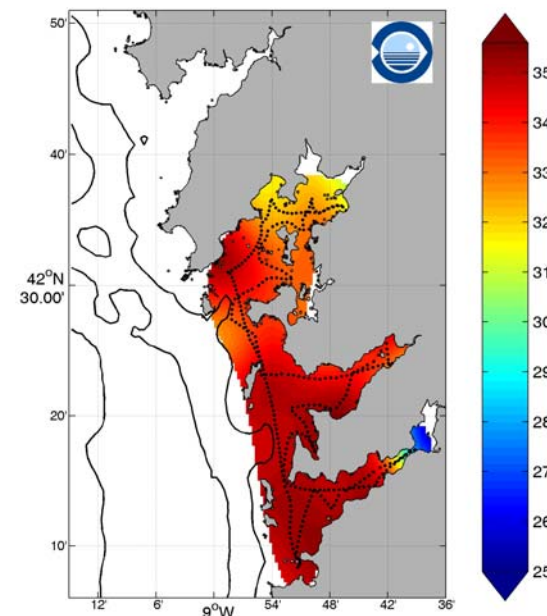
21-22 Dec 2009



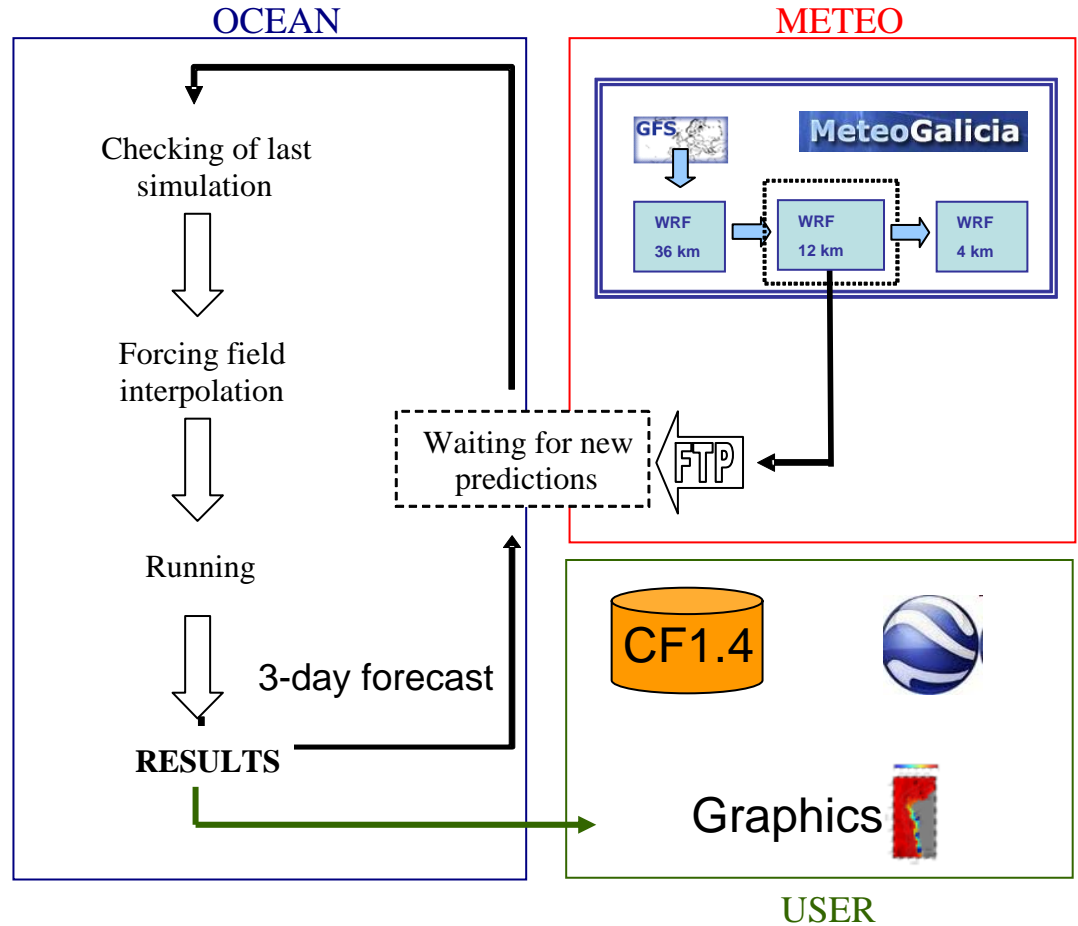
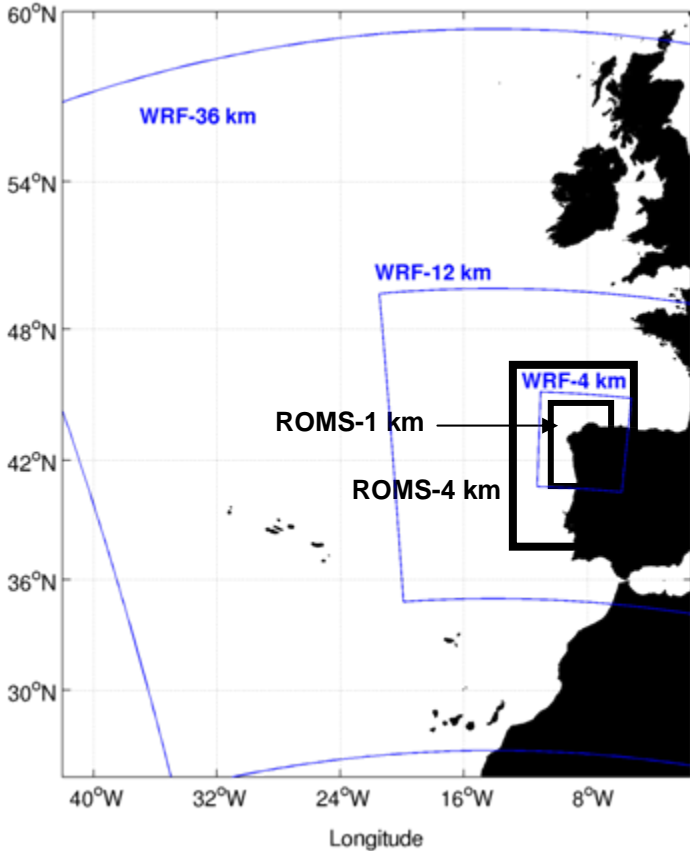
4-5 Ene 2009



11-12 Ene 2009



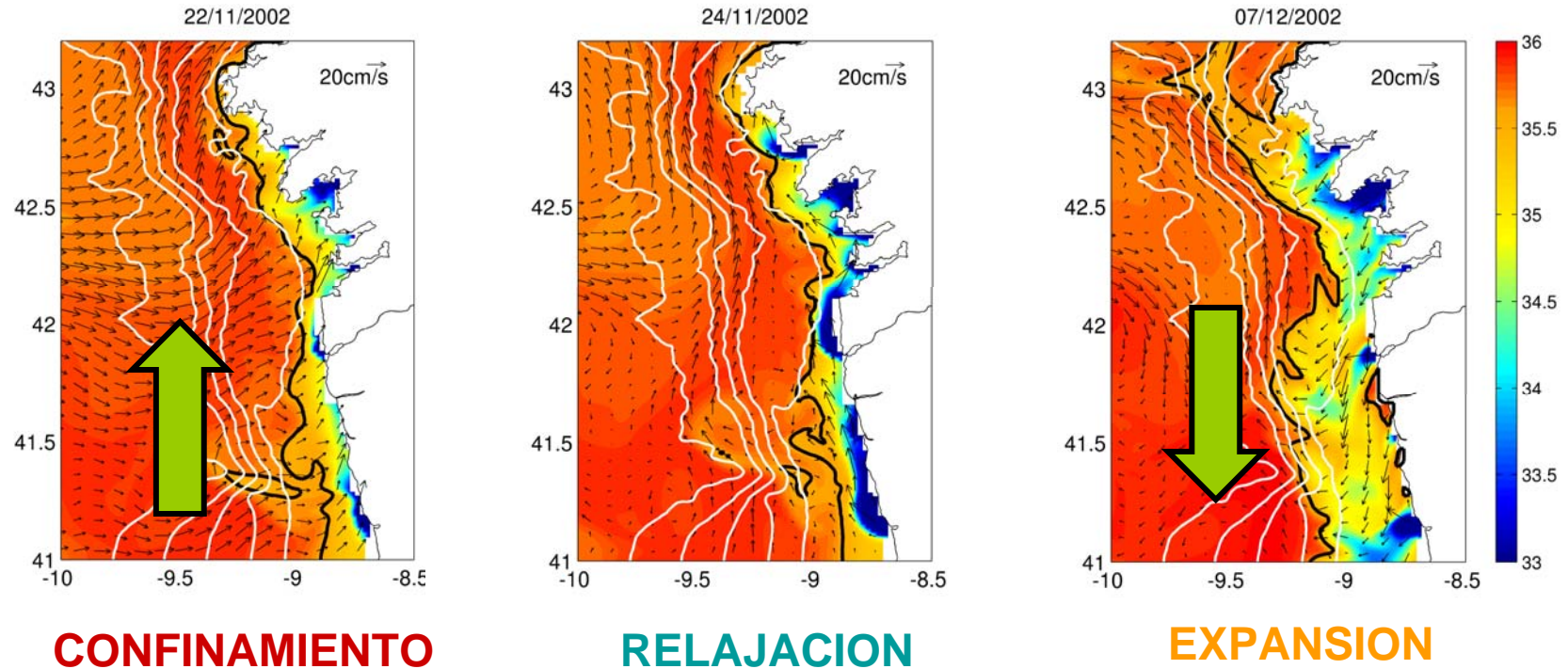
Simulación numérica



ROMS_AGRIF v2.1
 40 niveles verticales, 1.2 km resolución espacial en malla pequeña
 16 ríos, caudal variable.

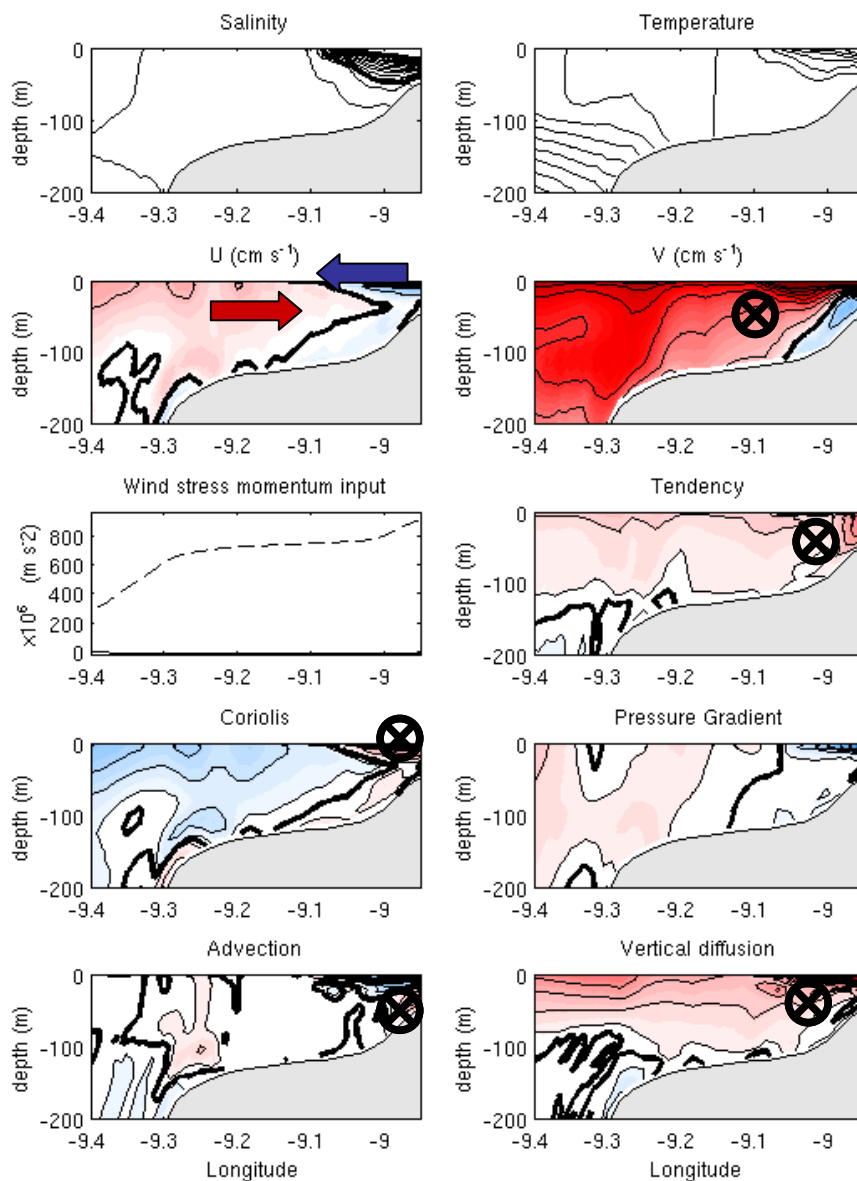
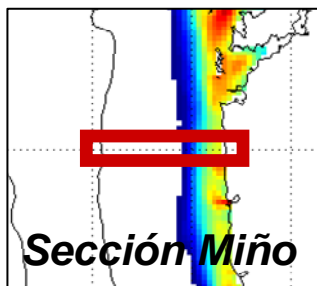
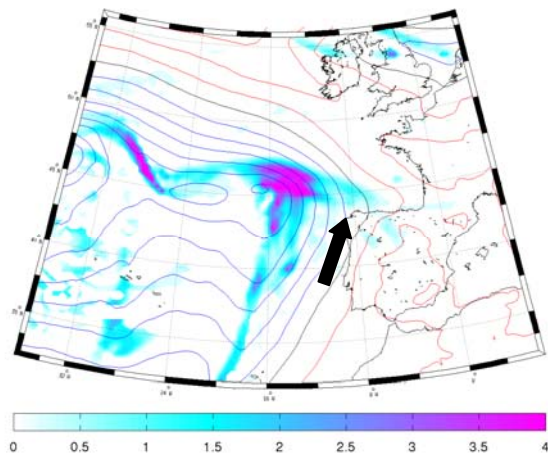


Respuesta de las plumas al viento

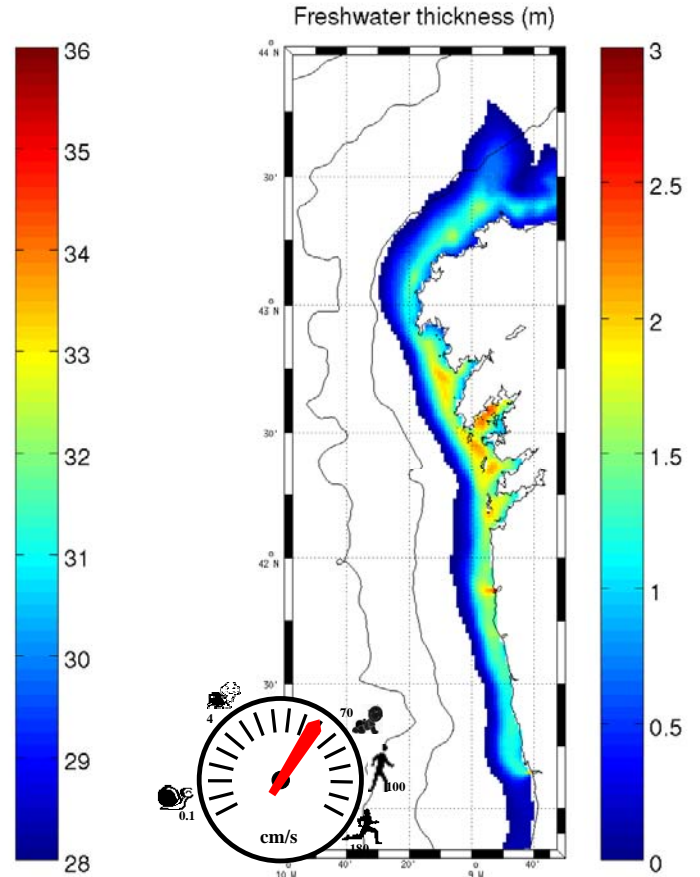
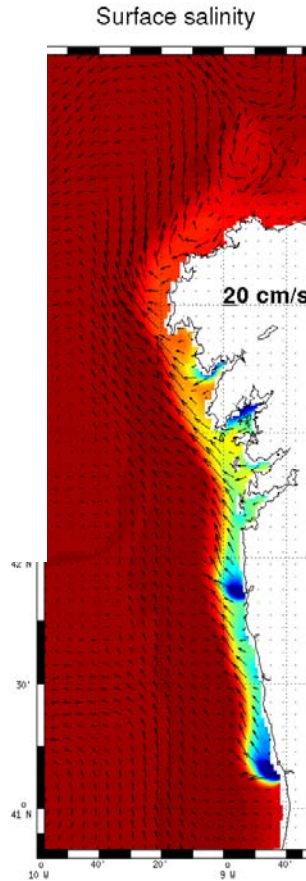
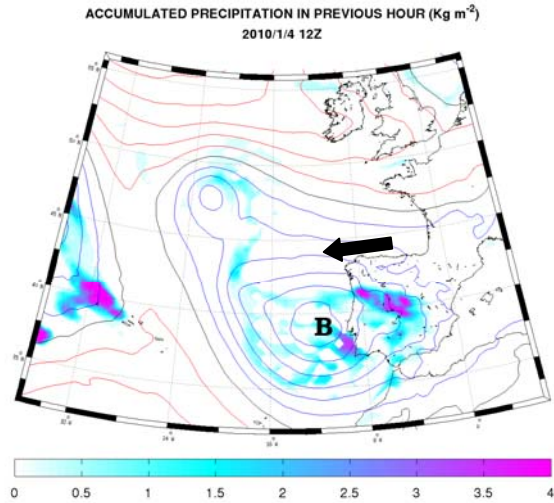


3 Ene 2010

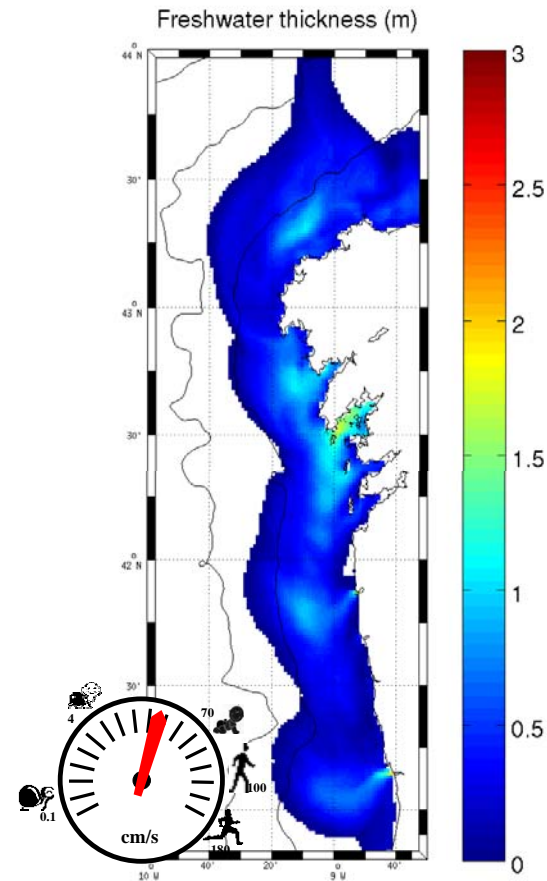
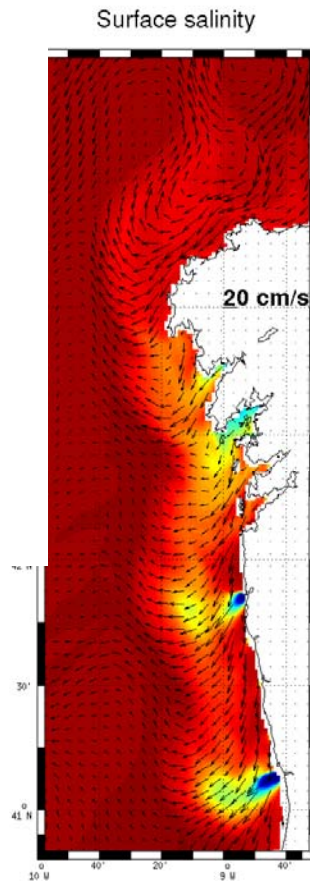
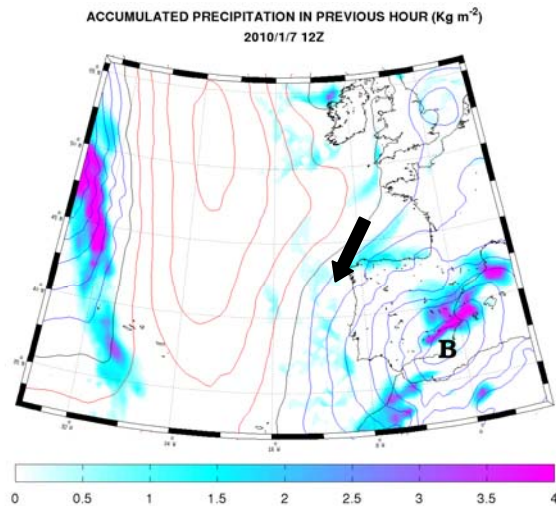
ACCUMULATED PRECIPITATION IN PREVIOUS HOUR (Kg m^{-2})
2010/1/2 12Z



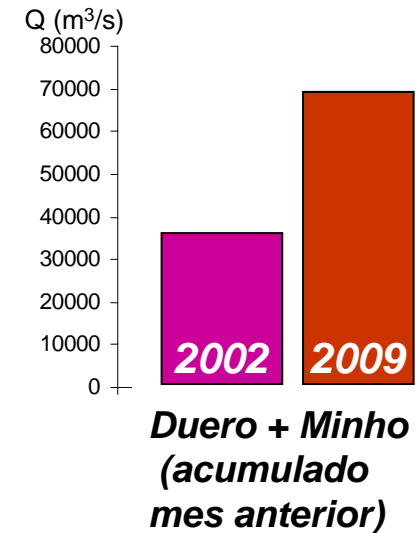
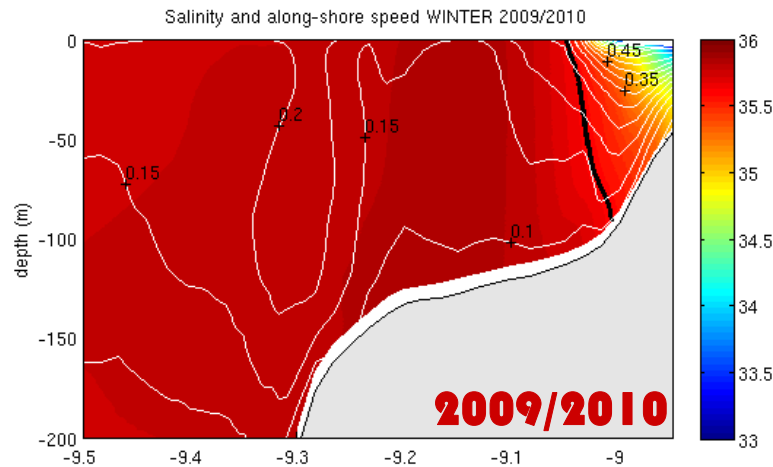
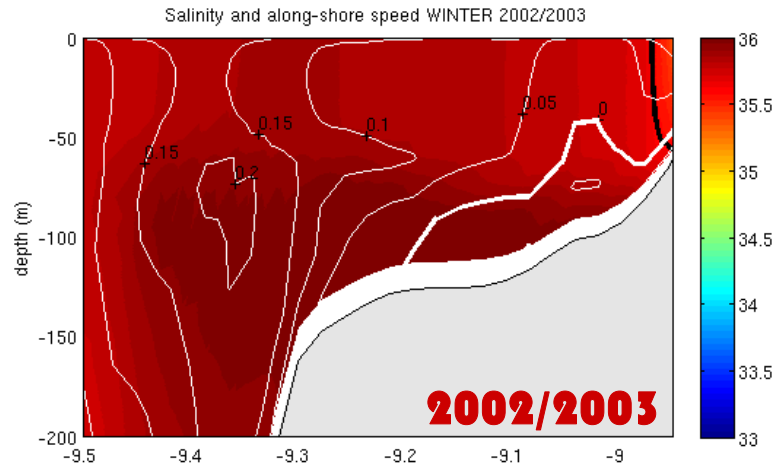
4 Ene 2010



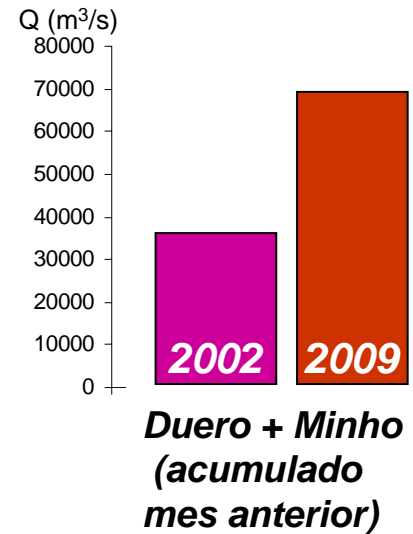
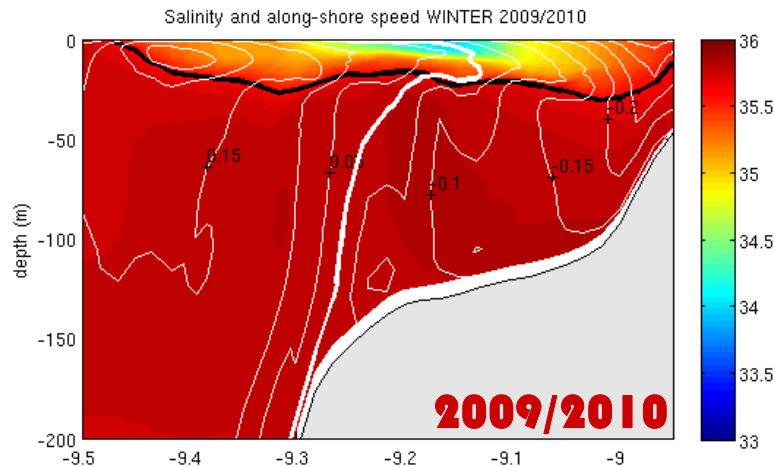
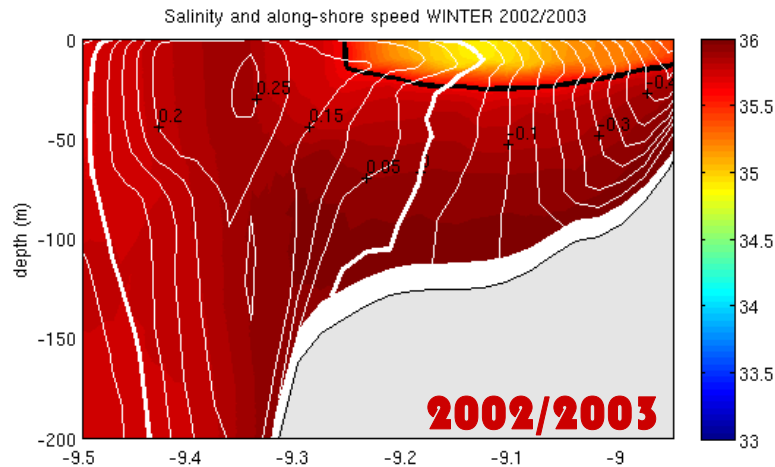
7 Ene 2010



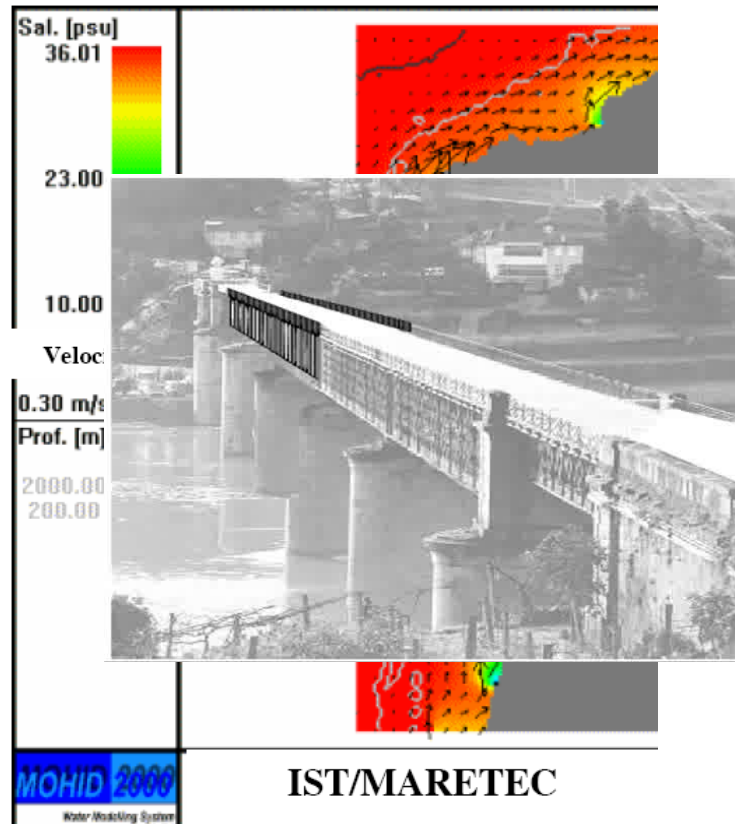
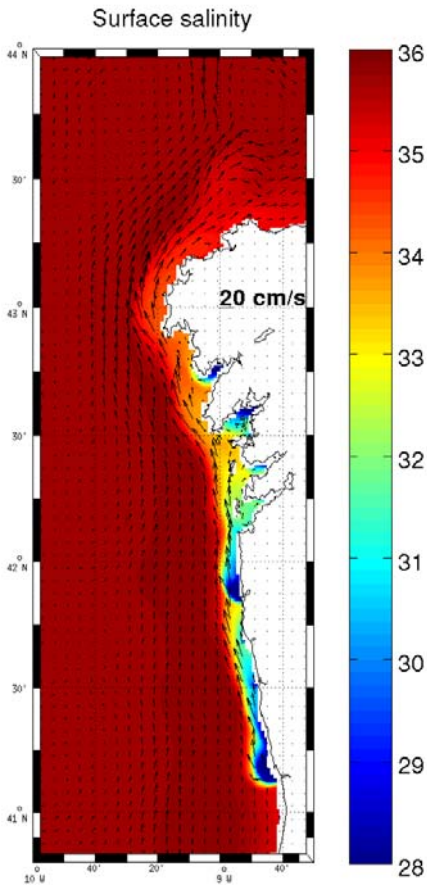
Comparativa interanual: confinamiento



Comparativa interanual: expansión



Generación de conocimiento



IST/MARETEC

Coupling of the GOTM turbulence module to some three-dimensional ocean models

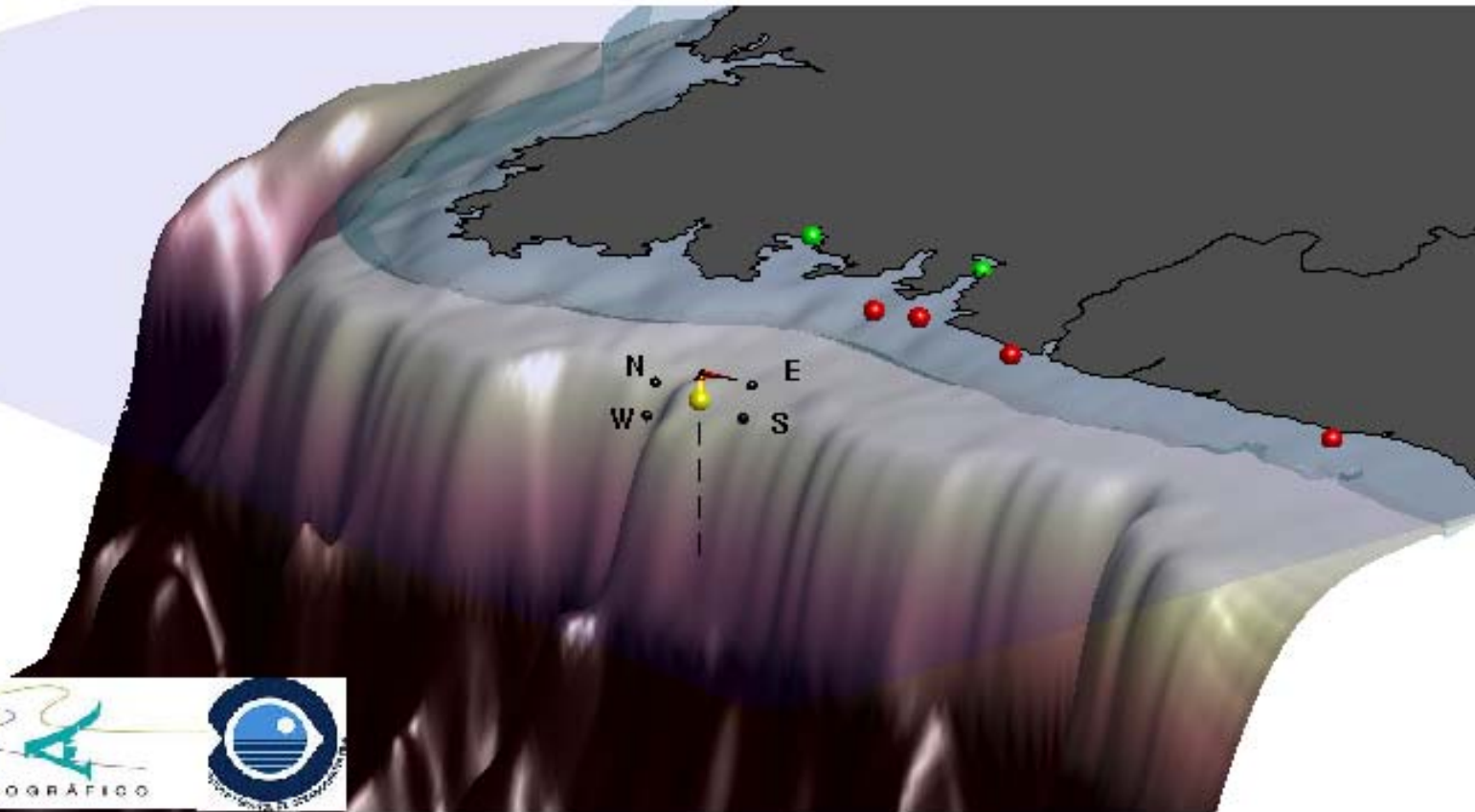
MANUEL RUIZ VILLARREAL (manuel.ruiz@co.ieo.es), KARSTEN BOLDING, HANS BURCHARD, and ENCHO DEMIROV

Marine Turbulence: Theories, Observations, and Models. Results of the CARTUM Project, ed. Helmut Baumert, John Simpson, and Jürgen Sündermann. Published by Cambridge University Press. © Cambridge University Press 2005.



01/01/2010 02h

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¡GRACIAS!

**“Nunca choveu que non escampara”
(Popular)**

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