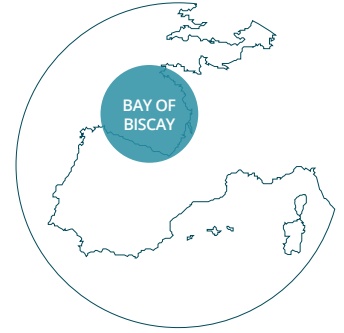




UHINAK

II Cross border conference
on climate and coastal change



27 september, tuesday

8:00h – 9:00h / Assistants reception and welcome coffee

9:00 Official opening

9:45 Opening lecture

ICZM 2-0: the need for standardisation of coast management methodologies

Rafael Sardá, Scientific Researcher at the CSIC

TRACK I - CLIMATE CHANGE CHALLENGES IN THE BAY OF BISCAY

Keynote lecture

10:20 Report on climate change in the spanish marine environment: impacts, vulnerability and adaptation.

Diego K. Kersting, Scientific Consultant.

10:45 Climate change in the Spanish coast: measurements and projections.

Marcos García Sotillo, Head of the Coastal and Port Dynamics Division. Physical Environment Department. Puertos del Estado.

11:10 Networking café

Oral communications

11:40 Temperature changes in the Cantabrian watershed over the last four decades (1973-2015). **Estibaliz Sáez de Cámara**, Bilbao University Technical College of Engineering. University of the Basque Country.

11:55 A spatio-temporal model of phytoplankton-based primary production in the Bay of Biscay and the comparison of its accuracy in contrast to other optical models.

Ander López, BC3 – Basque Centre for Climate

Change.

12:10 Modelling the ecological niche of North Atlantic zooplankton communities in response to climate change.

Ernesto Villarino, AZTI.

12:25 A literature review concerning important halieutic species for the southern Bay of Biscay fleets (both sides of the border) and oyster companies, in the light of climate change.

Gilles Morandeau, Ifremer.

12:40 Klima 2050, a Climate Strategy for Donostia/San Sebastián.

Josu Benaito, Donostia/San Sebastián City Council.

12:55 Climate changes through History; sources and resources for application to the Gulf of Biscay, VI – VIII centuries.

Mercedes Urteaga, Arkeolan Foundation & Oiasso Museum.

Javier Arce Martínez, Lille III University.

13:10 Colloquium

13:30 Networking lunch

TRACK II - EFFECTS AND ADAPTATION IN

Simultaneous translation into Spanish and French will be provided for all sessions

COASTAL USES

Keynote lecture

15:00 Beginning by mitigating the risk of failure to adapt to climate change.

Alexandre Magnan, IDDRI.

15:25 Unconventional measures for the protection of urban coastlines against climate change.

Vicente Gracia, International Coastal Resources Research Centre (CIIRC). Universitat Politècnica de Catalunya (UPC - Polytechnic University of Catalonia).

Oral communications

15:50 Marine submersion and coastal erosion: knowledge, prevention and management of natural coastal risks in the Atlantic watershed of France.

Manuel Dias Vaz, Association Les CESER de l'Atlantique.

16:05 Observation of sedimentary dynamics near works on a coastal breakwater. An analysis of influencing factors.

Yves Nedelec, Cerema, Direction Territoriale Sud Ouest.

16:20 Adaptation of port infrastructures to the effects of climate change. The Bermeo, Orio and Zumaia breakwaters.

Nestor Urrutxua, Tyspa - Técnica y Proyectos S.A.

16:35 How can the vulnerability of wave displacement in the Bay of Biscay caused by natural and human factors be legally protected? A proposal for a solution through two specific examples.

Maeva Szlovik, UFR Droit Angers – University of Valencia (Faculty of Law).

16:50 Colloquium

17:15 End of the first working day

28 september, wednesday

8:30h – 9:00h / Assistants reception et welcome coffee

9:00 Opening lecture day two

Changes in the ocean: do we really care if polar bears die out?

Xabier Irigoyen, *Scientific Director at Azti.*

TRACK III – IMPACT OF EXTREME EVENTS AND ACTION ON THE COAST

Keynote lecture

9:45 Operational observation systems for management of extreme wave and flooding events.

Julien Mader, Head of Marine Technologies Area in the Marine Research Division at AZTI

Keynote lecture

10:10 Evolution of calculation methods for defining

maritime structure calculation actions.

M^a Jesús Martín Soldevilla, Head of Port Studies and Sea Climate Area at CEDEX.

Oral communications

10:35 Iribarren Revisited: experiments on the shore slope on the limit between reflection and breakage. The Iribarren number, vulnerability and coastal adaptation with regard to flooding.

José María Grassa, CEDEX Port and Coast Study Centre (CEPYC).

10:50 Study of local coastal immersion on the Biarritz coast.
Matthias Delpey, Rivages Pro Tech – SUEZ Eau France.

11:05 Networking café

11:35 Statistical characterization of a highly damaging winter.
Florian Arnaud, Université de Pau y des Pays de l'Adour.

11:50 Use of very high resolution space data to observe and monitor coastal erosion.
Pierre Laine, Cerema Sud-Ouest.

12:05 Colloquium

TRACK IV – MANAGEMENT AND DECISION-MAKING SUPPORT TOOLS

Track introduction lecture

12:20 The GIS (Scientific Interes Group) Littoral Basque, an exchange interface between public authorities and scientists for coastal protection.
Caroline Lummert, Scientific Coordinator GIS Littoral Basque.

Keynote lecture

12:45 The climate crisis: communication and society.
Antxon Olabe, Environmental economist, consultant, essayist and expert communicator on climate change and sustainable development.

Oral communications

13:10 Should I stay or should I go? Spatial heterogeneity of preferences with regard to residential relocation in response to coastal risk.
Jeanne Dachary-Bernard, IRSTEA.

12:45 Networking lunch

15:00 A Methodological proposal for defining an index for management of sustainable surfing activity. Pilot study at the natural surf resort of Ribamontán al Mar, Cantabria (ES).
Irene Ruiz, Surfrider Foundation Europe Spanish Delegation.

15:15 Technical aspects of cross-border management of coastal areas.
Adeline Dupont, La Rochelle University.

15:30 An operational service for management of the coastal strip by satellite.
Sylvain Capo, Telespazio France.

15:45 Measures for minimizing plastic and glass containers generated by water consumption in congress, conference and meeting rooms, geared to reducing the impact on the Basque coast of waste and consequently the carbon footprint. An opportunity for informing, awareness-raising and acting.
Alberto Santolaria, Agua Sin Plásticos & Salud.

16:00 Observation and multi-criteria analysis in IMS as tools to aid decision-making at different levels: the case of the Ré Island anchorages.
Stéphane Magri, Cerema, Direction Territoriale Sud Ouest.

16:15 Coloquio

16:45 OFFICIAL CLOSURE

17:00 End of Day Two

Simultaneous translation into Spanish and French will be provided for all sessions

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