



Tuesday, 6 march

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

9:00 Official opening

9:30 Opening keynote lecture

CHALLENGES FOR CLIMATE CHANGE RISK ASSESSMENT IN COASTAL AREAS

Prof. Iñigo Losada, Director of Research IH Cantabria

TRACK I - CLIMATE CHANGE CHALLENGES

Guest speaker

10:10 IMPACT ASSESSMENT OF THE CLIMATE COMPONENTS OF RISING SEA LEVELS ON THE BASQUE COAST, PROJECT KLIMPACT.

Manuel González, AZTI.

Oral communications

10:35 SIMULATING THE LOCAL CLIMATE WITHIN THE FRAMEWORK OF THE EUROPEAN RESCCUE PROJECT.

Robert Monjo, The Foundation for Climate Research (FIC).

10:50 HISTORICAL WAVE ENERGY TRENDS OVER THE BAY OF BISCAY.

Alain Ulazia, University of the Basque Country, Dept. of NE and Fluid Mechanics.

11:05 - 11:35 Networking coffee

11:35 EELS OF SOUTHERN EUROPE UNDER FUTURE CLIMATE CHANGE.

Estibaliz Díaz, AZTI.

11:50 MORE THAN THREE DECADES (1986-2017) OF HYDROGRAPHIC MEASUREMENTS ON THE BASQUE CONTINENTAL SHELF (SOUTHEAST OF THE BAY OF BISCAY).

Almudena Fontán, AZTI.

12:05 GEOLAB PASAIA: GEODETIC INFRASTRUCTURE FOR

SEA LEVEL STUDIES.

Joaquin Zurutuza, Aranzadi.

12:20 EXTREME WEATHER EVENTS AND THEIR IMPACT ON THE COASTLINE IN THE CONTEXT OF CLIMATE CHANGE.

Jonathan Gómez, University of Alicante / CMM.

12:35 THE STRATEGIES OF TERRITORIAL DEVELOPMENT IN THE TEST OF COASTAL DYNAMICS. FROM THE MOBILITY OF THE COASTLINE TO THE SPATIO-TEMPORAL DEPTH OF THE COASTAL AREA.

Thomas Beillouin, Laboratory OCS - University Paris-Est.

Guest speaker

12:50 REGIONAL MARINE CLIMATE SCENARIOS: THEIR GENERATION AND USE FOR ASSESSING IMPACTS IN COASTAL AREAS.

Damià Gomis, University of the Balearic Islands.

13:10 Colloquium

13:30 Networking lunch

Oral communications

15:00 THE RESILIENCE OF ECOSYSTEMS AS A CONCEPT OF COASTAL MANAGEMENT: THE COMMON CHALLENGES OF THE LEGAL TREATMENT OF THE BUILDINGS AND ACTIVITIES OF THE AREAS AT RISK.

Jean René Maxant, University of Perpignan Via Domitia, University of Girona, IRD UMR MARBEC.

15:15 MANAGEMENT STRATEGIES FOR THE COASTAL ZONE ALONG THE FRENCH BASQUE COASTLINE.

Emilio Tena Davila, ISL Ingénierie.

TRACK II - EXTREME EVENTS AND ACTION

Guest speakers

15:30 MAREA: A CROSS-BORDER RESEARCH PROJECT TO IMPROVE COASTAL RISKS MANAGEMENT IN THE BASQUE COUNTRY.

Caroline Lummert, GIS (Scientific Interest Group) Littoral Basque.

15:55 ADAPTATION TO CLIMATE CHANGE IN AQUITAINE: WILL THE PROPOSED MEASURES SURVIVE CLIMATE CHANGE?

Thomas Bulteau, BRGM/OCA (Observatory of the Coast of Aquitaine).

Oral communications

16:20 MARINE SUBMERSION PROCESS DUE TO RUNUP ON THE BEACHES OF BIARRITZ.

Denis Morichon, Laboratorio SIAME, Universidad de Pau y los Países del Adour.

16:35 INCORPORATION OF THE CLIMATE CHANGE TO THE EXTREMAL CALCULATION OF FLOODING IN COASTAL RIVERS OF NORTH-EAST SPAIN.

María Bermúdez, University of A Coruña.

16:50 COASTAL HAZARDS AND OPTICAL OBSERVATION TECHNIQUES.

Agustín Sánchez Arcilla, Laboratory of Maritime Engineering, Polytechnic University of Catalonia.

17:05 CONSIDERATION OF THE EXPERIENCE OF STORMY WEATHER DURING THE WINTER OF 2013-2014 IN THE MANAGEMENT OF COASTAL EROSION HAZARDS IN AQUITAINE.

Didier Rihouey, Casagec Ingenierie.

17:20 A DATABASE TO STUDY STORM IMPACT STATISTICS ALONG THE BASQUE COAST.

Florian Arnoux, The University of Pau and Pays de l'Adour.

Guest speakers

17:35 LOCAL STRATEGY FOR MANAGING THE RISK OF SUBMERSION ON THE CHARENTE MARÍTIMO COASTLINE.

Didier Felts, CEREMA.

18:00 End of the first working day

Wednesday, 7 march

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

9:00 Opening keynote lecture - Day two

SEA-LEVEL RISE, COASTAL CHANGE AND ADAPTATION NEEDS

Prof. Robert Nicholls, University of Southampton.

Oral communications

9:45 A DATABASE OF STORM DAMAGES ALONG THE FRENCH BASQUE COAST.

Stephan Abadie, Siame Laboratory, The University of Pau and Pays de l'Adour.

10:00 MAPPING WAVE ATTENUATION BY SALT MARSH VEGETATION USING WORLDVIEW-3 SATELLITE IMAGERY.

Antoine Collin, EPHE, PSL Research University.

10:15 INFLUENCE OF EL NIÑO ON EXTREMES OF TEMPERATURE AND RAINFALL IN THE BASQUE COUNTRY.

Maialen Martija, Tecnalia.

10:30 ANALYSIS OF THE OVERFLOW OVER SEAWALLS.

María Victoria Moragues, University of Granada.

10:45 Colloquium

11:00 - 12:00 Networking coffee + Poster session and visit the exhibition area

PÓSTERS:

- Tool for forecasting floods caused by waves for crisis management of submersion phenomena due to waves. Remy Gasset, Cerema SO.

- Assessment of Maritime Transport in Egypt for the Recent and the Future Developed Ports by DEA Analysis. Ayman Elsayed, Ain-Shams University

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

- Recognition of coastal works from satellite imagery Pierre Laine, Cerema SO
- The indecision of the legislator and of the French court when determining the limits of the seashore in the maritime-terrestrial public domain. Maeva Szlovik, University of UFR Angers and University of Valencia. .
- An eco-active museum. Izaskun Suberbiola, Itsas gela – Aula del Mar Association.
- Statistical short-term wind forecast at a buoy in the Bay of Biscay. Sheila Carreño, Tecnalia.
- Improvement actions for sustainable development of the Basque beaches. Alberto Santolaria de Castro, Nakusarbe Association.
- Landscape analysis of the Basque coast. Beñat Iglesias.

TRACK III - BLUE ECONOMY AND CLIMATE CHANGE MITIGATION

Guest speaker

12:00 THE BASQUE FISHING FLEET: STRATEGIES FOR CLIMATE CHANGE MITIGATION.

Gorka Gabiña, AZTI.

Oral communications

12:25 LA CHARTA SMERALDA.

Rafael Sardá, CSIC.

12:40 THE IMPACT OF ICE-MELTING UNCERTAINTY ON DAMAGE RISKS FOR MAJOR COASTAL CITIES.

Ibon Galarraga, Basque Center for Climate Change BC3.

Guest speaker

12:55 EVOLUTION AND ASSESSMENT OF THE COASTAL STRIP ASSOCIATED WITH CLIMATE CHANGE.

Nicanor Prendes, Spanish Office of Climate Change (OECC).

13:20 Coloquium

13:30 Networking lunch

TRACK IV - GOVERNANCE AND MANAGEMENT AND DECISION-MAKING TOOLS

Guest speakers

15:00 GUIPUZCOA´S STRATEGY TO FIGHT AGAINST CLIMATE CHANGE: ACTIONS ON THE COAST.

Beatriz Marticorena, Provincial council of Gipuzkoa.

15:25 BASQUE CITIZENS' PERCEPTION OF CLIMATE CHANGE AND ENERGY.

Marian Barquin, Ihobe.

Oral communications

15:50 APPLICATION OF AN XBEACHMODEL ON THE LACANAU COASTLINE: ANCHORAGE FOR WINTER STORMS 2013-2014 AND ESTIMATES OF RECHARGE VOLUMES IN ORDER TO LIMIT THE FUTURE EROSION OF THE DUNES.

Julien Bails, Casagec Ingenierie.

16:05 OCEANS FORUM, CANARY ISLANDS, ON THE IMPACT OF CLIMATE CHANGE.

Juan Francisco Betancort, Oceans Forum.

16:20 BAC TRAC: FECAL BACTERIA, TRACERS OF SOURCES OF FECAL POLLUTANTS IN COASTAL WATERS AND RIVERS.

Caroline Lummert, GIS (Scientific Interest Group) Littoral Basque.

16:35 HYDRODYNAMICS AND ECOLOGICAL RESTORATION OF DEPOPULATED ZONES OF THE ARCAÇON BASIN, GIRONDA, FRANCE.

Stéphane Magri, CEREMA.

16:50 MANY VOICES FOR THE PROTECTION OF THE ENVIRONMENT AND CITIZENS OF THE OCEANS: CONVERGENCE OF ACTORS REGARDING THE BAY OF BISCAY (SOUTH).

Milo Villain, University of Pau and Pays de l'Adour / University of the Basque Country.

Guest speaker

17:05 ASSESSMENT OF ISSUES CONCERNING THREATS DUE TO EROSION IN 2050 OF THE AQUITAINE COASTLINE.

Camille ANDRÉ, GIP Littoral Aquitain.

17:30 CLOSURE

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

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