



ERA4CS

Project: European advances on CLimate services for coasts and SEAs (ECLISEA)

MINUTES of Project ECLISEA –
MID-TERM MEETING

3rd & 4th April 2019

➤ Purpose of the Meeting

The meeting aimed to review the work carried out up to the mid-term of the project, as well as to raise and discuss the methodologies and progress to be carried out, detailing its programming, potential technical problems, and coordination within the different tasks of the project.

➤ Meeting venue and time

The meeting was held at the BRGM premises in Ile-de-France- in Paris, France (Wednesday and Thursday 3rd and 4th April, 2019).

➤ Participants

UC - IHC:

- Melisa Menéndez (menendezm@unican.es)
- Patricia Bueno (buenop@unican.es)
- Iñigo Losada (losadai@unican.es)
- Felipe Fernández (felipe.fernandez@unican.es)
- (via Skype) Ignacio Aguirre (aguirrei@unican.es)
- (via Skype) Adrián Acevedo (acevedoa@unican.es)
- (via Skype) Paula Camus (camusp@unican.es)
- (via Skype) Sixto Herrera (sixto.herrera@unican.es)

BRGM:

- Goneri Le Cozannet (G.LeCozannet@brgm.fr)
- Rémi Thieblemont (r.thieblemont@externe.brgm.fr)
- Agnes Tellez-Arenas (a.tellez-arenas@brgm.fr)
- (via Skype) Wagner Costa

HZG:

- Insa Meinke (Insa.Meinke@hzg.de)
- Xin Liu (xin.liu@hzg.de)
- Oliver Krueger (oliver.krueger@hzg.de)

CNRS:

- (via Skype) Benoit Meyssignac (Benoit.Meyssignac@legos.obs-mip.fr)

NCSR D:

- George Emmanouil (gemman@ipta.demokritos.gr)

➤ Agenda

April 3rd, 2019

13.30 – 14.15

WP0 – Project management, communication and dissemination. *Patricia Bueno. (UC-IHC)*

14.15 – 15.00

- Overview of WP1 (Review of existing data sets and stakeholders needs). *Insa Meinke. HZG*
- Virtual stakeholder workshop and European survey on coastal climate information needs, *Ignacio Aguirre Ayerbe. UC –IHC*

15.20 – 16.20

- Short introduction to WP2- *George Emmanouil (NCSR)*
- Historical reconstructions of mean SLR (*Benoit-CNRS, UC-IHC*)
- A European database from historical and present climate conditions. *Adrian (UC-IHC)*.

- Progress in Task 2.2. Estimation of historical climate variations of sea level and waves over Europe.

Discussion on contributions from partners and next steps (*NCSR, UC-IHC, HZG, BRGM*)

- Progress in Task 2.3. Understanding climate behavior of extreme met-ocean events. Discussion on contributions from partners and next steps (*UC-IHC, NCSR, BRGM*)

- Discussion on Deliverables

16.20 – 17.20

- Status of WP4: *Gonéri Le Cozannet, BRGM*
- *Uncertainties in coastal impacts of climate change (WP4.2): achievements and work in progress, Gonéri Le Cozannet & Wagner Costa, BRGM*

17.20 – 18.00

Summary of the day. Questions. Comments.

April 4th, 2019

08.45 – 09.30

- A review of existing modelling frameworks to assess climate change-driven shoreline changes (WP4.1) *Alexandra Toimil. UC-IHC*
- *Sea-level rise impacts to European beaches (WP4.3): projections and uncertainties; work in progress, Rémi Thieblemont, BRGM*

09.30 – 10.00

- Selection of models conserving energy on global scale and reproducing sea level rise along the European coast. *Benoit Meyssignac (CNRS)*

10.15 – 11.30

- Overview of WP5 (Prototype of a European Coastal Climate Service). *Felipe Fernández. UC-IHC*
- The Infrastructure for a coastal climate service. *Felipe Fernández. UC-IHC*
- Prototype of the web atlas. *Xin Liu. HZG*
- The coastal impact tool. *Agnes Tellez-Arenas BRGM*



11.30 – 12.00

Summary. Coordination issues.

13.00 – 14.30

- Short introduction to WP3- Inigo J. Losada (UC-IHC)
- Seasonal forecasting of waves in the North Atlantic- Paula Camus (UC-IHC)
- Bias correction-Application to wind and waves in Europe- Melisa Menendez (UC-IHC).
- Interannual to decadal predictability of storm surges at the German North Sea Coast. Oliver Krueger (HZG)
- Development of new wave and storm surge projections in Europe- Melisa Menendez (UC-IHC)

14.30 – 15.00

State of the Project and **Mid-term Report**

15.00 – 15.45

Summary. Coordination issues. Approval of Actions.

➤ Meeting discussions and decision notes

- **Deliverables**

It was agreed that all deliverables will comply with H2020 rules and standards. Therefore, they will be open access to the general public.

Documents: they will be available and open access through the website.

Databases: they will have open access through the SHREDDS data infrastructure

- **Mid-term Report**

Deadline to get the final version of the mid-term report: April 23rd (to be uploaded in the ERA4CS Monitoring Tool on April 25th at the latest).

Deadline to get feedback from all partners: April 16th, 2019.

- **WPO (Management and coordination)**

- Overview of financial status – optimum level of expenditure

- Discussion on end of project extension date

To be agreed between administrative/scientific members of ECLISEA. Proposal: between 2-3 months (until October 31st 2020). Deadline for adopting final decision: April 23rd

- Communication: dissemination tools will be circulated in May

- **WP1 (Review of existing data sets and stakeholders needs)**

Summarized all the collected conclusions from stakeholders needs within this WP was proposed to be a useful reference document/publication.

- **WP2 (Understanding regional changes of historical climate of SSD)**

A specific meeting was agreed between NCSR & UC-IHC to delineate the analysis and content within D2.A.

- **WP3 (Predictability and uncertainty of SSDs on seasonal, decadal and long-term future climate projections)**

After reviewing the progress of the five tasks, pending meetings and agreements will be managed by the WP-leader in order to delineate contents and deadlines of related deliverables.

- **WP4 (Coastal Climate impacts and uncertainties)**

Specific collaboration between BRGM, CNRS and UC-IHC was agreed to enhance methods to estimate shoreline changes based on SLR projections. Future meetings are planned.

- **WP5 (Prototype of a European Coastal Climate Service)**

Mid-term life was the starting point of WP5. A coordination meeting within WP5 is organized in April 2019.