

The First PoCoast Seminar on Coastal Research took place in Porto on May 26<sup>th</sup> to 28<sup>th</sup>, and focused on the range of topical ENCORA theme related issues. Sessions were devoted to: ICZM participation and implementation, capacity building, training and education in ICZM, restoration and preservation of coastal biodiversity, sustainable coastal engineering techniques, marine and coastal spatial planning, coastal dunes, assessment of field observation techniques, multifunctionality and valuation, long-term coastal geomorphological change, and finally pollution, prevention, detection and mitigation.

In total 110 persons attended the Seminar (see below the list of participants). Most participants came from Portugal but other countries such as Brazil, Bulgaria, Canada, Denmark, France, Germany, Greece, Italy, Mexico, Montenegro, Poland, Russia, Spain, The Netherlands, UK, and the USA were also represented. While speakers were mostly drawn from academia and research, audience showed more heterogeneity.

The welcome address which included presentations of the ENCORA and PoCoast networks was delivered by Sander van Rooij, Drs. at DELTARES – The Netherlands and Francisco Taveira Pinto, Associated Professor at Faculty of Engineering of the University of Porto – Portugal and co-ordinator of PoCoast network.

The 3-day seminar programme comprised eleven sessions on all the above mentioned issues, corresponding to 53 oral presentations. Additionally, the poster exhibition had 12 presentations. 82 abstracts were submitted in total to the scientific committee evaluation. Selected papers will be proposed for publication after peer-reviewing in a special issue of the Journal of Coastal Conservation, edited by Elsevier; the rest will be published in a book of proceedings.

The prime objective of the PoCoast NCO in organizing this seminar was to strengthen membership, especially within coastal authorities. Thus to encourage the wider participation from representatives of policy bodies translation facilities for Portuguese and English were provided, due to potential difficulties in understanding/speaking English. Secondary objectives relate to further exposure and dissemination of the network, as well as to serve to raise funds to sustain the network after February 2009.

The feedback received was very positive. PoCoast – the National Network of ENCORA in Portugal is therefore pleased to assist in the success of this event.

Fernando Veloso Gomes

Francisco Taveira Pinto

*PoCoast Coordinators*

Luciana das Neves

*PoCoast NCO*



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# PoCoast Seminar on Coastal Research

Seminário sobre a Investigação na Zona Costeira da Rede PoCoast

May 26-28, 2008 | Faculdade de Engenharia da Universidade do Porto, Portugal



SUPPORT



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Fundação para a Ciência e a Tecnologia  
MINISTÉRIO DA CIÊNCIA, TECNOLOGIA E ENSINO SUPERIOR

# SUNDAY | MAY 25, 2008

REGISTRATION | 18:00-20:00

# MONDAY | MAY 26, 2008

REGISTRATION | 08:00-09:00

OPENING CEREMONY | 09:00-09:40

## SESSION I: ICZM PARTICIPATION AND IMPLEMENTATION & CAPACITY BUILDING, TRAINING AND EDUCATION IN ICZM

- [09:40-10:00] Informal capacity building for stakeholder participation in ICZM: The use of coastal community surgeries in Pembrokeshire, UK  
*Morris, S. & Jones, S.*
- [10:00-10:20] Marine ordinance of the gulf of California (Mexico). Results from a participative process  
*Azuz-Adeath, I.; Muñoz-Sevilla, P.; Ortega-Rubio, A.; Diaz de León, A.; Pedroza, D. & Mendoza, L.*
- [10:20-10:40] GIZC - E a opinião da população costeira conta?  
*Pinho, L.; Martins, F. & Almeida, A.B.*

COFFEE BREAK | 10:40-11:00

## SESSION II: ICZM PARTICIPATION AND IMPLEMENTATION

- [11:00-11:20] O processo de participação pública no contexto insular: o caso dos Planos de Ordenamento da Orla Costeira das ilhas de Stª Maria, Graciosa, Flores e Corvo, Açores  
*Pereira da Silva, C.; Lopes Alves, F. & Calado, H.*
- [11:20-11:40] Sand and gravel offshore inferred reserves in the Faial shelf, Azores  
*Quartau, R.; Pinheiro, L.M. & Monteiro, H.*
- [11:40-12:00] A variabilidade das condições morfodinâmicas e suas implicações na segurança praial no litoral sul do Brasil  
*Maia, N.Z. & Calliari, L.J.*
- [12:00-12:20] Legislation and integrated coastal zone management  
*Marinski, J. & Droumeva, G.*
- [12:20-12:40] Integrated coastal zone management project of Edremit bay  
*Kocbas, S.*
- [12:40-13:00] Integrar e mobilizar as comunidades costeiras no processo de planeamento para a sustentabilidade do território litoral  
*Farinha, J.; Ferreira, J.C.; Quaresma, C.; Vasconcelos, L. & Caser, U.*

LUNCH | 13:00-14:00

\* Program subject to amendment, please check all information during the seminar

## SESSION III: RESTORATION AND PRESERVATION OF COASTAL BIODIVERSITY

- [14:00-14:20] Monitorização da Vegetação numa zona húmida do centro de Portugal afectada por restrição de marés (Baixo Vouga Lagunar, Aveiro)  
*Pinho, R.; Maia, P. & Keizer, J.*
- [14:20-14:40] Tide induced dynamics and associated flow of turbidity in the lower Tagus estuary  
*Martins, I.M.; Silva, A.J. & Almeida, J.F.*
- [14:40-15:00] Integrated management model - the Sado estuary  
*Costa, M.H.; Caeiro, S.; Vasconcelos, L. & Paínho, M.*
- [15:00-15:20] Estado ecológico das pequenas ribeiras costeiras entre o rio Minho e a barrinha de Esmoriz  
*Fidalgo, M.L.; Valente, A. & Vieira, N.*
- [15:20-15:40] Spatial analysis of echo sounding survey applied to benthic habitat mapping  
*Bonetti, C.; Meleder, V.; populus, J.; Mouquet, P.; Perrot, T; Daniel C. & Guillaumont, B.*
- [15:40-16:00] Biomares, um projecto LIFE para a recuperação e gestão da biodiversidade do parque marinho Luiz Saldanha, na Arrábida  
*Cunha, A.H.; Erzini, K.; Serrão, E.; Gonçalves, E.; Farinha, J.C.; Henriques, M.; Henriques, V.; Guerra, M. Duarte, C. & Marbá, N.*

### COFFEE BREAK | 16:00-16:20

## SESSION IV: SUSTAINABLE COASTAL ENGINEERING TECHNIQUES

- [16:20-16:40] Monitorização e evolução morfológica de zonas costeiras arenosa - Costa da Caparica, Portugal  
*Veloso-Gomes, F.; Taveira-Pinto, F.; Pais-Barbosa, J.; Costa, J. & Rodrigues, A.*
- [16:40-17:00] Numerical investigation of multi-functional artificial reefs for coastal protection  
*Voorde, M.T.; Antunes do Carmo, J.S. & Neves, M.G.*
- [17:00-17:20] Designed reefs for coastal stabilization, beach erosion control, reef restoration and recreation enhancement  
*Harris, L.E.*
- [17:20-17:40] Three recent coastal protection and restoration projects in Greece  
*Moutzouris, C.I.*
- [17:40-18:00] Problems of the coasts erosion in the North-Eastern Black sea region  
*Kos'yan, R.; Khanukaev, B. & Kuklev, S.*
- [18:00-18:20] Coastline change: simulations in the Maceda-Torreira region  
*Talbi, Olfa; Moussa, Mahmoud & Trigo Teixeira, António*

# TUESDAY | MAY 27, 2008

## SESSION V: MARINE AND COASTAL SPATIAL PLANNING

- [09:00-09:20] Instruments integration for spatial planning: extrapolation to small islands, Azores Archipelago  
*Paramio, L.; Botelho, A. & Calado, H.*
- [09:20-09:40] An improved beach management system - application of the BARE technique to selected sites in Malta and Sicily  
*Micallef, A.; Cassar, M. & DeBrincat, R.*
- [09:40-10:00] Tools for comprehensive estimate of coastal region marine economy potential and its use for coastal planning  
*Gogoberidze, G.*
- [10:00-10:20] The coastal area spatial plan for Montenegro  
*Karajovic, S.*
- [10:20-10:40] Waterfront land use change, marine resource conditions regulation: New Bedford pilot study  
*Portman, M.E.*

## COFFEE BREAK | 10:40-11:00

## SESSION VI: MARINE AND COASTAL SPATIAL PLANNING & COASTAL DUNES

- [11:00-11:20] Diagnóstico participativo do potencial produtivo de comunidades de recôncavo Baiano, Bahia - Brasil  
*Benchimol, M.*
- [11:20-11:40] O processo de artificialização do território litoral. Exemplos do litoral Catarinense (Brasil): Balneário Camboriú e Jurê Internacional (Florianópolis)  
*Ferreira, J.C.; Silva, L. & Polette, M.*
- [11:40-12:00] Modelos geográficos e sistemas complexos - Técnicas de geocomputação para a monitorização da zona costeira  
*Ferreira, J.C.; Rocha, J.; Simões, J. & Tenedório, J.A.*
- [12:00-12:20] Índices de análise espacial e a quantificação dos efeitos da fragmentação dos habitats de duna frontal pelo pisoteio (Vila Nova de Gaia, Portugal)  
*Laranjeira, M.M. & Pereira, A.R.*
- [12:20-12:40] Monitoramento da vulnerabilidade biofísica dunar no litoral de Sergipe, Brasil  
*Oliveira, A.C.A. & Souza, R.M.*
- [12:40-13:00] Coastal dune monitoring: implementing remote sensing techniques  
*Delgado-Fernandez, I. & Davidson-Arnott, R.G.D.*

## LUNCH | 13:00-14:00

## SESSION VII: ASSESSMENT OF FIELD OBSERVATION TECHNIQUES

- [14:00-14:20] Late quaternary coastline variations between Tróia and Cape Espichel from new geological and geophysical data  
*Brito, P.; Henrique, D.; Terrinha, P. Rebêlo, L. & Ferraz, M.*
- [14:20-14:40] A importância dos efeitos não-astronómicos na análise harmónica da maré  
*Quaresma, L.S. & Reis, J.L.*
- [14:40-15:00] Development of low cost and high precision prototype systems for morphological and sedimentary data acquisition in sandy shores  
*Baptista, P.; Cunha, T. Bernardes, C. Gama, C. & Ferreira, O.*
- [15:00-15:20] A low tide cyclonic vortex induced by topography in the low Douro river estuary  
*Quaresma, L.S.; Pinto, J.T.; Alenquer, N. & Silva A.J.*
- [15:20-15:40] Análise de Hidromorfologias e Hidroformas Costeira Locais Utilizando Ferramentas SIG Sector Esmoriz-Furadouro  
*Pais-Barbosa, J.; Veloso-Gomes, F. & Taveira-Pinto, F.*
- [15:40-16:00] Simulation and Analysis of Climatic Hydrophysical Fields of the Black Sea Northwestern Shelf  
*Markova, N. & Demyshev, S.G.*

### COFFEE BREAK | 16:00-16:20

## SESSION VIII: ASSESSMENT OF FIELD OBSERVATION TECHNIQUES

- [16:20-16:40] Is there a Northwest Iberian Coastal current?  
*Silva, A.J.; Martins, I.M.; Santos, A.I.; Moita, M.T. & Bastos, L.C.*
- [16:40-17:00] Improving results of ADCP transects in shallow estuarine waters  
*Diniz, F.; Quaresma, L.S. & Silva, A.J.*
- [17:00-17:20] Characteristics of the runoff from small streams flowing into the ria de Aveiro  
*Silva, J.F. & Almeida, J.R.M.*
- [17:20-17:40] Results of natural tests of processing technology of hydrostatic pressure pulsations for definition of wind waves on a sea surface  
*Sokolov, V.*
- [17:40-18:00] All weather monitoring of currents and waves by radar  
*Ziemer, Friedwart & Cysewski, Marius*
- [18:00-18:20] TerraSAR-X radar for coastal studies and pollution detection  
*Silva, J.C.B.*
- [18:20-18:40] A probabilistic model to estimate the sediment transport rate for beaches protected by seawalls  
*Neshaei, M.A.L.; Majd, M.S. & Arabani, M.*

# WEDNESDAY | MAY 28, 2008

## SESSION IX: MULTIFUNCTIONALITY AND VALUATION & LONG TERM COASTAL GEO-MORPHOLOGICAL CHANGE

- [09:00-09:20] Preferences for reducing visual impacts from offshore wind farms - Heterogeneity and coastal zone recreational patterns  
*Dubgaard, A. & Ladenburg, J.*
- [09:20-09:40] Voluntary agreements for a sustainable financial support in beach nourishment  
*De Angelis, G. & Venzi, L.*
- [09:40-10:00] Sediment volume variation in the NW sector of Tróia Peninsula (Portugal) between 1928 and 1995  
*Rebêlo, L.; Ferraz, M.; Brito, P.; Terrinha, P. & Zanetti, L.*
- [10:00-10:20] Analysis of the natural and anthropogenic evolution of Cancun beach, México, as a contribution to its sustainable management  
*Félix, D.A.; Mendoza, B.E.; Silva, C.R.; Rivera-Arriga, E.; & Palacio A.G.*
- [10:20-10:40] Physiographic units and depth of closure for Italian coast: methods and results  
*Bruschi, A.; Lisi, I.; Del Gizzo, M.; Corsini, S.; Archina, M. & Barbano, A.*

### COFFEE BREAK | 10:40-11:00

## SESSION X: LONG TERM COASTAL GEO-MORPHOLOGICAL CHANGE

- [11:00-11:20] Long-term natural/human-induced changes to the beaches of Varna bay (Bulgarian coast)  
*Stancheva, M.; Palazov, A.; Marinski, J.; Peychev, V. & Stanchev, H.*
- [11:20-11:40] Prediction of the coastal erosion in a selected area (Rewal Community) at the Polish coast  
*Furmanczyk, K. & Nowak, J.D.*
- [11:40-12:00] Long term and short term coastal line changes of the Eastern Gulf of Finland. Problems of coastal erosion  
*Ryabchuk, D.; Spiridonov, M.; Zhamoida, V. & Nesterova, E.*
- [12:00-12:20] Accurate forecast of tidal heights using non-stationary tidal data by Wavelet Filter Banks and Harmonic Analysis  
*Martinho, A.S.; Reis, J.L. & Silva, A.J.*
- [12:20-12:40] Spatio-temporal evolution of shoreline changes along the coast between Sousse-Monastir (Eastern of Tunisian)  
*Fathallah, S.; Amor, R.B. Halouani, N. & Gueddari, M.*
- [12:40-13:00] Coastal erosion in the Caribbean coast of Colombia. Examples: Córdoba, Magdalena and La Guajira provinces  
*Buitrago, N.R. & Posada, B.*

### LUNCH | 13:00-14:00

## SESSION XI: POLLUTION, PREVENTION, DETECTION AND MITIGATION

- [14:00-14:20] Exploring the cost-effectiveness of economic incentives for water quality improvement in linked catchments and marine ecosystems  
*Roebeling, P.C. & van Grieken, M.E.*
- [14:20-14:40] Long term changes in chemical properties of Sado estuary sediments  
*Brogueira, M.J.; Cabeçadas, G. & Nogueira, M.*
- [14:40-15:00] Observação da pluma residual libertada pelo emissário submarino da Guia - Cascais  
*Silva, D.; Quaresma, L.S. & Silva, A.J.*
- [15:00-15:20] Development and preliminary results of an Eulerian-Lagrangian 3D Oil spill model  
*Azevedo, A.; Oliveira, A. & Fortunato, A.*
- [15:20-15:40] Detection and enumeration of pseudo-nitzschia in the lagoon of Bizerte (South-Western Mediterranean)  
*Bouchouicha, D.; Hlaili, A.S; Sahraoui, I. & Mabrouk, H.H.*
- [15:40-16:00] Phytoplankton assemblages during Pseudo-nitzschia blooms in a Mediterranean lagoon  
*Sahraoui, I.; Hlaili, A.S.; Bouchouicha, D. & Mabrouk, H.H.*

### COFFEE BREAK | 16:00-16:20

## SESSION XII: LONG TERM COASTAL GEO-MORPHOLOGICAL CHANGE

- [16:00-16:20] Probability of large-amplitude wave run-up essential for estimation of long term coastal change  
*Didenkulova, I. & Pelinovsky, E.*
- [16:20-16:40] The Mahdia bay shoreface (Tunisia): assessment of coastal sensitivity by textural and morphodynamical studies  
*Bouazis, O.A.; Souissi, R; Barusseau, J.P.; Abdeljaoued, S.; Pauc, H. & Certain, R.*
- [16:40-17:00] Morphodynamic impacts of a tidal barrage in the Mersey estuary, and its implications on the Dee estuary  
*Carroll, B. & Li, M.*
- [17:00-17:20] Climatic and tectonic significance of upper Pleistocene terraces from Lavadores, Northern of Portugal  
*Jesus, A.P; Mosquera, D.F.; Romani, J.R.V. & Noronha, F.*

### CLOSING CEREMONY | 17:20-18:00

## POSTER PRESENTATIONS

Comunidades piscatórias litorais: contributos para a sua preservação

*Viegas, M.C. & Castro e Lemos, M.L.*

Catastrophic gravity currents in the near bottom ocean layer

*Zhmur, V.*

Geochemistry of surface sediments in the southeastern Tunisia sea (Ghannouche - Gabes Coast, Gulf of Gabes)

*Amor, R.B.; Fathallah, S.; Halouani, N. & Gueddari, M.*

Variation of grain size distribution along the Tabarka-Bercoukech coast northwestern of Tunisia

*Halouani, N.; Amor, R.B.; Fathallah, S. & Gueddari, M.*

Community assembly in sand-dune vegetation as a source of indicators for vulnerability assessments

*Honrado, J.; Macedo, J.A.; Vicente, J.; Lomba, A.; Henriques, R.F. Granja, H. & Barreto Caldas, F.*

Coastal waste lands and cultural sea-marks amphibian territories

*Pacitto, J.L.*

Characterisation of the planktonic trophic food web of the Bizerte lagoon network analysis (South-Western Mediterranean)

*Grami, B.; Hlaili, A.S; Niquil, N. & Mabrouk, H.H.*

Biogeographic bias and the need for functional approaches to bioindication in coastal areas

*Macedo, J.A.; Silva, G.; Lomba, A.; Vicente, J.; Henriques, R.; Granja, H. & Honrado, J.*

Laboratory investigations for process of the suspended solids sedimentation

*Podymov, I. & Podymova, T.*

Estrutura ecológica da paisagem e rede de corredores verdes - instrumentos para uma gestão integrada e sustentável do litoral

*Ferreira, J.C.*

Coastal erosion management, a matter of CONSCIENCE

*Ferreira, Maria (EUCC-MED)*

Assessment and recovery of the shoreline biodiversity in Italian risk coastal areas

*Mandrone, S. & Vicini, C.*



## 1<sup>st</sup> PoCoast Seminar on Coastal Research FEUP, Portugal | May 26-28, 2008

| Name                         | Institution                                                 | Country  |
|------------------------------|-------------------------------------------------------------|----------|
| Adriano Monteiro de Oliveira | Faculdade de Engenharia UP                                  | Portugal |
| Afonso Barbosa               | Águas do Minho e Lima, S.A.                                 | Portugal |
| Alberto Carlos Azevedo       | Laboratório Nacional de Engenharia Civil                    | Portugal |
| Alex Dudgaard                | University of Copenhagen                                    | Denmark  |
| Alexandra Cunha              | Universidade do Algarve                                     | Portugal |
| Alexandra Serra              | CCDR-Norte                                                  | Portugal |
| Alexandre Valente            | Faculdade de Ciências UP                                    | Portugal |
| Ana Cristina Neves           | IHRH/FEUP                                                   | Portugal |
| Ana Sofia Mesquita           | IHRH/FEUP                                                   | Portugal |
| André de Castro Machado      | Faculdade de Engenharia UP                                  | Portugal |
| Andrea Zita Botelho          | Universidade dos Açores                                     | Portugal |
| Angélica Félix               | Centro Andaluz de Medio Ambiente                            | Spain    |
| Antonello Bruschi            | APAT                                                        | Italy    |
| António Alves da Silva       | Instituto Geográfico Português                              | Portugal |
| António Jorge da Silva       | Instituto Hidrográfico                                      | Portugal |
| António Santos Martinho      | Instituto Hidrográfico                                      | Portugal |
| António Trigo Teixeira       | Instituto Superior Técnico                                  | Portugal |
| Ary Pinto de Jesus           | Faculdade de Ciências UP                                    | Portugal |
| Benjamin Carroll             | University of Liverpool                                     | UK       |
| Boris B. Khanukaev           | Russian Academy of Sciences                                 | Russia   |
| Carla Bonetti                | IFREMER                                                     | France   |
| Carla Ribeiro                | Câmara Municipal de Torres Vedras                           | Portugal |
| Carlos Pereira da Silva      | e-Geo Centro de Estudos de Geografia e Planeamento Regional | Portugal |
| Cristina Bernardes           | Universidade de Aveiro                                      | Portugal |
| Cristina Ferreira de Andrade | Faculdade de Engenharia UP                                  | Portugal |
| Daniel Rocha Cardoso         | Faculdade de Engenharia UP                                  | Portugal |
| Daria Ryabchuk               | Russian Research Geological Institute                       | Russia   |
| David Pinho                  | Faculdade de Engenharia UP                                  | Portugal |
| Dina Silva                   | Instituto Hidrográfico                                      | Portugal |
| Diogo André Pinho da Costa   | Faculdade de Engenharia UP                                  | Portugal |
| Eduardo J.C. Torres Pinto    | Faculdade de Engenharia UP                                  | Portugal |
| Emílio Brogueira Dias        | Adm. dos Portos do Douro e Leixões, S.A.                    | Portugal |
| Fátima Alves                 | Universidade de Aveiro                                      | Portugal |
| Fernando Veloso Gomes        | IHRH/FEUP                                                   | Portugal |
| Filomena Martins             | Universidade de Aveiro                                      | Portugal |
| Francisco Taveira Pinto      | IHRH/FEUP                                                   | Portugal |
| Frederico Diniz              | Instituto Hidrográfico                                      | Portugal |
| George Gogoberidze           | Russia State Hydrometeorologic University                   | Russia   |

| Name                            | Institution                                               | Country         |
|---------------------------------|-----------------------------------------------------------|-----------------|
| Graciela Pereira                | Faculdade de Engenharia UP                                | Portugal        |
| Hugo Guedes Lopes               | IHRH/FEUP                                                 | Portugal        |
| Inês Domingues Carvalho         | Faculdade de Engenharia UP                                | Portugal        |
| Inês Martins                    | Instituto Hidrográfico                                    | Portugal        |
| Irene Delgado-Fernandez         | University of Guelph                                      | Canada          |
| Isaac Azuz-Adeath               | CETYS University                                          | Mexico          |
| Isabel Barbosa Araújo           | CIIMAR                                                    | Portugal        |
| Isabel Preto                    | Faculdade de Engenharia UP                                | Portugal        |
| Jean-Louis Pacitto              | GIS AMPHIBIA                                              | France          |
| Joana Reis                      | Instituto Hidrográfico                                    | Portugal        |
| João Honrado                    | CIBIO - Faculdade Ciências UP                             | Portugal        |
| João Pedro Tentúgal Valente     | Faculdade de Engenharia UP                                | Portugal        |
| João Pedro Torres Pinheiro      | Faculdade de Engenharia UP                                | Portugal        |
| João Vitor Gonçalves Martins    | Faculdade de Engenharia UP                                | Portugal        |
| Joaquim Pais Barbosa            | IHRH/FEUP                                                 | Portugal        |
| Jorge de Oliveira Verdade       | Faculdade de Engenharia UP                                | Portugal        |
| José António Macedo             | CIBIO - Faculdade Ciências UP                             | Portugal        |
| José C.B. da Silva              | Universidade de Lisboa                                    | Portugal        |
| José Carlos Ferreira            | Universidade Nova de Lisboa                               | Portugal        |
| José Coimbra Neves              |                                                           | Portugal        |
| Jose Fernandes                  | Faculdade de Engenharia UP                                | Portugal        |
| José Figueiredo da Silva        | Universidade de Aveiro                                    | Portugal        |
| José Henrique Ferreira da Silva | Faculdade de Engenharia UP                                | Portugal        |
| Kazimierz Furmanczyk            | University of Szczecin                                    | Poland          |
| Leonor Fidalgo                  | Faculdade de Ciências UP                                  | Portugal        |
| Lorenzo Venzi                   | University of Tuscia                                      | Italy           |
| Luciana das Neves               | IHRH/FEUP                                                 | Portugal        |
| Luís Quaresma                   | Instituto Hidrográfico                                    | Portugal        |
| Luis Rebêlo                     | INETI                                                     | Portugal        |
| Luz Paramio                     | Universidade dos Açores                                   | Portugal        |
| Machiel Bos                     | CIIMAR                                                    | Portugal        |
| Marco Ferraz                    | INETI                                                     | Portugal        |
| Margarita Stancheva             | Bulgarian Academy of Sciences                             | Bulgaria        |
| Maria do Ceú Viegas             | INRB/IPIMAR/CRIPNORTE                                     | Portugal        |
| Maria Ferreira                  | EUCC - The Coastal Union                                  | The Netherlands |
| Maria Helena Costa              | IMAR- UNL                                                 | Portugal        |
| Maria José Brogueira            | INRB/IPIMAR                                               | Portugal        |
| Maria Luisa Castro e Lemos      | Universidade Nova de Lisboa                               | Portugal        |
| Maria Manuela Laranjeira        | Universidade do Minho                                     | Portugal        |
| Mariana Benchimol               | Instituto Brasileiro de Educação em Negócios Sustentáveis | Brazil          |
| Mário Margalho de Carvalho      | Faculdade de Engenharia UP                                | Portugal        |
| Marius Cysewski                 | GKSS Research Centre                                      | Germany         |
| Mechteld Ten Voorde             | Laboratório Nacional de Engenharia Civil                  | Portugal        |



| Name                          | Institution                                | Country         |
|-------------------------------|--------------------------------------------|-----------------|
| Michelle Portman              | Woods Hole Oceanographic Institution       | USA             |
| Natan Zambroni Maia           | Universidade de Aveiro                     | Portugal        |
| Natividade Vieira             | Faculdade de Ciências UP                   | Portugal        |
| Nuno Dinis da Costa           | IHRH/FEUP                                  | Portugal        |
| Paula Cristina Eiras Sá       | Faculdade de Engenharia UP                 | Portugal        |
| Paula Maia                    | Universidade de Aveiro                     | Portugal        |
| Paula Sobral                  | IMAR - FCTUNL                              | Portugal        |
| Paulo Renato Baptista         | Universidade de Aveiro                     | Portugal        |
| Pedro Brito                   | LNEG, IP                                   | Portugal        |
| Pedro Miguel de Sousa Pereira | Faculdade de Engenharia UP                 | Portugal        |
| Pedro Miguel Teiga            | IHRH/FEUP                                  | Portugal        |
| Pedro Vilas Boas              | Faculdade de Engenharia UP                 | Portugal        |
| Peter C. Roebeling            | Universidade de Aveiro                     | Portugal        |
| Raquel Silva                  | IHRH/FEUP                                  | Portugal        |
| Ricardo Carvalho Lima         | Faculdade de Engenharia UP                 | Portugal        |
| Rita Ramos                    | CCDR-Norte                                 | Portugal        |
| Rosemeri Melo e Souza         | Universidade Federal de Sergipe            | Brazil          |
| Ruben Kos'yan                 | Russian Academy of Sciences                | Russia          |
| Sander van Rooij              | Deltares institute for delta technology    | The Netherlands |
| Sasha Karajovic               | MonteCEP                                   | Montenegro      |
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