

DELOS – EVK3 – CT2000 – 0041

1st Year meeting
Barcelona 17-19 January 2002

Agenda

Wednesday Jan 16th

Partner arrival.

WP meeting if requested

Preliminary Steering Committee meeting during dinner

Thursday Jan 17th

09:30-10:00

Registration to Delos 1st year meeting

10.00-11.00

♦ Welcome

Introductory plenary session

♦ Presentation of final results of RT1 coordinated by RT-leader (AAU):

WP 1.1 (AAU)

- **“Inventory of existing LCS”** M. Kramer (AAU, 20’)

WP 1.2 (FF, 10’)

- **“Ecological pilot studies: final results”** Abbiati M., Åberg P., Hawkins, S.J., Martin D., et al. (FF, 10’)

WP 1.3 (UTW, 10’)

- **“Benefit transfer functions in the DELOS project”** A. van der Veen, P. Polome and S. Marzetti (UTW, UB 10’)

11:00-11:30

Coffee Break

11.30-13.00

Presentation of Study Site results

♦ Discussion of WP 2.5 (UoS, UB, UR3+MOD)

- **“Field Deployments and Preliminary Results in the Vicinity of Low Crested Structures: the case of Elmer**

the case of Pellestrina

the case of Lido di Dante”

D. Paphitis, S. Turchetto, R. Archetti, A. Lamberti (UoS, UB 20’)

- **“Elmer, and operational background”** R. Spencer (UoS, 15’)

13.00-14.30

Lunch break

14.30-18.30

Parallel sessions presenting activity and results

(16.00-16.30 Coffee break)

♦ RT2 coordinated by RT-leader (UCA)

Discussion of WP 2.1 (UCA, UB+UR3, AAU, ISVA, AUTH)

- **“UCA progress in flow modelling around and inside LCS structures”** Losada I.J., Lara J.L. and Lomónaco P. (UCA, 20')
- **“Shoreline boundary conditions for Boussinesq wave model”** P. De Girolamo, G. Bellotti, M. Brocchini (UR3, 10')
- **“ISVA's numerical and experimental work regarding WP 2.1”** J. Fredsøe, K. Gislason and B.M. Sumer (ISVA, 20')
- **“1D non-linear wave propagation over permeable low-crested structures”** Avgeris I., Karambas Th., Prinos P., Koutitas Ch. (AUTH, 10')
- **“2DH non-linear wave propagation over submerged breakwaters”** Karambas, Th., Prinos, P., Koutitas, Ch. (AUTH, 10')
- **“Preliminary results from the comparison between the calculated 3D current field using a 3D Navier-Stokes (VOF) solver and measurements”** Erik Østergaard Madsen (DHI, 20')

Discussion of WP 2.2 (DHI, UR3+MOD, ISVA, UPC)

- **“Wave induced currents at Pellestrina study site: numerical investigations by means of wave-averaged models”** G. Bellotti, M. Soldati, M. Di Risio, P. De Girolamo, R. Archetti, A. Lamberti (UB+UR3, 15')
- **“ISVA's numerical and experimental work regarding WP 2.2”** J. Fredsøe, K. Gislason and B.M. Sumer (ISVA, 20')
- **“Preliminary runs of a hydro-morphodynamic model for a LCS in the Catalan Coast”** Agustín Sánchez-Arcilla, Joan Pau Sierra, Daniel Gonzalez, Ivan Caceres and Jose Alsina (UPC, 15')
- **“Preliminary analysis of shoreline evolution in the leeward of low-crested breakwaters using one-line models”** José Antonio Jimenez and Agustín Sánchez-Arcilla (UPC, 15')
- **“Improvements on submerged breakwaters modelling in the one-line shoreline model ARIES: preliminary analysis on wave transmission behind submerged breakwaters and long term evolution of the shoreline in Pellestrina”** R. Briganti, P. Contini, G. Sassi, C. Sidoti, L. Franco (UR3+MOD, 10')

Discussion of WP 2.4 (AAU, UB+UR3+UCA, ISVA, UPC, INF)

- **“3D Wave basin tests at AAU”** Prof. H. Burcharth and M. Kramer (AAU)
- **“Laboratory experiments on flow around and inside LCS structures. Description of tests and data base”** C. Vidal, P. Lomonaco, L. Migoya, R.

Archetti, M. Turchetti, M. Sorci and G. Sassi (a CD's with the data will be included). (UCA + UB, 20')

- **“Sediment budget analysis of Pellestrina perched beach”** M. Di Risio, P. De Girolamo, F. Mondini (MOD, 10')

- **“ISVA' s experimental work regarding WP 2.4”** B.M. Sumer and J. Fredsøe (ISVA, 20')

- **“Model Tests in UPC CIEM wave flume (WP 2.4)”** Xavier Gironella and Agustín sánchez-Arcilla (UPC, 15')

◆ RT3: coordinated by RT-leader (UGOT)

Discussion of WP 3.1 (CSIC, FF, DH, MBA)

- **“Effect of breakwaters on surrounding soft-bottoms: preliminary results at Lido di Dante (North Adriatic sea)”** Bertasi F., Colangelo M.A., Ceccherelli V.U. (FF, 20')

- **“The effect of LCS on the surrounding soft-bottoms at Elmer, Sussex, UK: Preliminary results”** Moschella P.S., Thompson R.C., Hawkins S.J. (MBA)

- **“Effects of breakwaters on surrounding soft-bottoms: preliminary results in north-western Mediterranean Coast (Playa de la Termica – Cubelles)”** Martín D., Gacia E and M. Paola Satta (CSIC, 20')

Discussion of WP 3.2 (MBA, FF, BIAU, CSIC, UoS)

- **“Key features of breakwater design influencing colonisation by epibiota: preliminary results”** Bacchiocchi F., Airolidi L., Abbiati M., Colosio F., Liverani N. (FF, 15')

- **“The epibiota of LCS and other coastal sea defences in UK”** Moschella P.S., Thompson R.C., Hawkins S.J. (MBA)

Discussion of WP 3.3

- **“Analysis of the effects of human usage: preliminary results”** Bacchiocchi F., Airolidi L., Cagliola C. (FF, 10')

- **“ Preliminary observations on fish community and mobile fauna around the LCS at Elmer, Sussex, UK”** Moschella P.S., Thompson R.C., Hawkins S.J. (MBA)

- **“ Effects of breakwaters on mobile fauna: preliminary results in north-western Mediterranean Coast (Playa de la Termica – Cubelles)”** Machpherson E. (CSIC, 15')

Discussion of WP 3.4 (FF, CSIC,)

- **“Distribution and demography of *Patella caerulea*: preliminary results”** Airolidi L., Abbiati M., Åberg P., Carrera M., Hawkins S.J., Sundelöf A. (FF+UGOT+MBA, 15')

Discussion of WP 3.5 (UGOT, CSIC, DH)

- **“Development of metapopulation model for limpets”** Sundelof A ; Åberg P., Abbiati M. and Airolidi L. (UGOT+FF, 15' plus discussion)

- **“Hydrodynamic effects on hard-substrate epibiota ”** Jonsson P and Granhag L. (UGOT, 15' plus discussion)

- **“Integration of morphodynamic modelling and soft bottom habitat modelling: - description of the models**
 - **approach to the integration**
 - **examples for the Pellestrina coastline**
 - **topics for scientific consideration**
 - **envisaged results and products**
 - **data requirements”**

D. Roelvink and M. de Vries (DH, 20’)

RT4: coordinated by RT-leader (UTW)

Discussion of WP 4.1 (UTW; UB)

(20’ for each Partners involved in the WP, discussion coordinated by WP leader)

Friday Jan 18th

09.00-11.30

Plenary session

- ◆ Synthetic presentation of WP progress to Partners and end-users by WP-leaders, introduction of some guide lines for DELOS second year activity (about 15+5' for each WP)
- ◆ Comments from reviewers and end users

11.30-12.00

Coffee break

12.00-12.30

Visit to LIM's Wave Flume, with a welcome address by UPC's Science Policy's vice-Chancellor Prof. Joaquim Casal

12.30-13.30

Plenary session (continued)

13.30-15.00

Lunch break

14.30-16.30

Parallel sessions

- ◆ RT2: presentation of planned activities and guide lines for the 2nd year.
WP 2.1 (**UCA**, UB, UR3, AAU, ISVA, AUTH)
WP 2.2 (**DHI**, UR3 + MOD, ISVA, DHI, UPC)
WP 2.3 (**UCA**, UB, UR3, AUTH, INF)
WP 2.4 (**AAU**, UB, UR3, UCA, ISVA, UPC)
WP 2.5 (**UoS**, UB, UR3+MOD)
(5' for each Partner involved in the WP)
- ◆ RT3: presentation of planned activities and guide lines for the 2nd year.
WP 3.1 (**CSIC**, FF, MBA)
WP 3.2 (**MBA**, FF, BIAU, CSIC)
WP 3.3 (**MBA**, FF, CSIC, UoS)
WP 3.4 (**FF**, CSIC, UGOT, MBA)
WP 3.5 (**UGOT**, CSIC, DH)
RT4: presentation of planned activities and guide lines for the 2nd year.
WP 4.1 (**UTW**; UB)
WP 4.2 (**UB**, UR3, UTW)
(5' for each Partner involved in the WP)

16.30-17.00

Coffee break

17.00-19.00

Plenary session

- ◆ Field information about the two structures that will be visited on Saturday
- **“LCS in the Catalan Coast (WP 1.1), ”** César Möso, Daniel González, José Alsina, Joan Pau Sierra and Agustín Sánchez Arcilla (UPC, 10’)
- ◆ Short presentation of WP planned activities (about 5’ for each WP: 1 hr)
- ◆ RT5: discussion coordinated by the RT leader (AAU, 30’)
Comments and suggestions from Partners, reviewers and end users 20’
- ◆ 1st year Management Report (composed for each Partner by an activity progress report, a summary of scientific achievements and the cost statement: presentation of a specimen 10’).

21:00

Gala Dinner at restaurant Paradise

Saturday Jan 19th

◆ Technical visit

09:00

Departure to Altafulla from Hotel Arenas

10:30 → 11:30

Technical visit to Altafulla Beach

11:30 → 12:00

Coffee

12:00

Departure to Cubelles

12:30 → 13:30

Technical visit to Cubelles Beach

13:30

Departure to Sitges

14:00

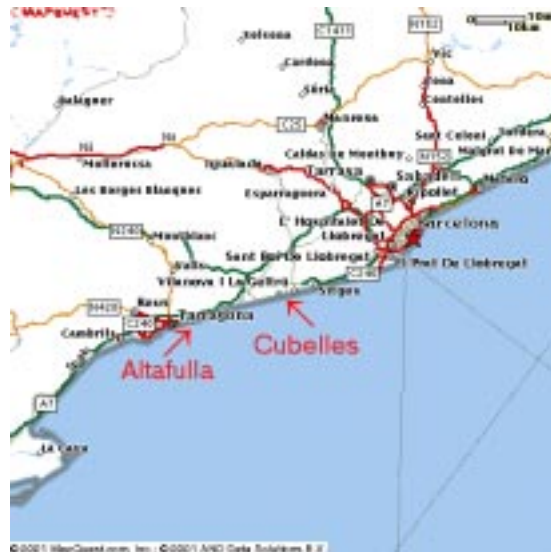
Lunch at Sitges

16:30

Return to Barcelona

17:30

Arrival to Barcelona



Sunday Jan 20th

WP activity if requested

Partner departure

Locations

Meeting rooms

“Sala de Teleensenyament” (Campus Nord-UPC, module B3, 1st floor)

“Sala de Conferencies” (Campus Nord-UPC, module C2, 2nd floor)

Coffee-breaks

Thursday, Jan 17 (11h & 16h), and Friday, Jan 18 (11h30 & 16h30) at the coffee room of ETSECCPB (Campus Nord-UPC, module B2, ground floor)

Lunch

Thursday, Jan 17th (13h) and Friday , Jan 18th (13h30) at Restaurant “Notable” (Campus Nord-UPC, module B4, 1st floor)

Gala Dinner

Friday Jan 18th (21h) entrance door of Restaurant "Paradis" (Pg. Manuel Girona, 7-21, Phone: 93 203 7637)

Technical Visit

Saturday Jan 19th (9h) starting from Hotel Arenas (Capitan Arenas, 20, Phone: 93 280 0303)