

DELOS – EVK3 – CT2000 – 0041

2nd year Meeting – Santander 16-19 February 2003

2nd Year DELOS MEETING-SANTANDER			
Day			
Sunday			
8.30	Technical visit		
	Bus departure from Hotel Hoyuela		
9:30-11:30	Visit to the Altamira Cave Museum		
11.30	Bus departure for Technical visit		
14.00	Lunch		
18.00	Return		
Day			
Monday		Authors	Time
9:00-9:30	Registration		
9:30-10:00	Welcome, Administrative problems, TIP, Scientific progress report, Cost Statement	UCA, UB	30'
10:00-10:20	Suggestion from the Spanish experience of ROM (Coastal Structures Recommendations)	C. Vidal	20'
10:20-10:50	Presentation of the proposed skeleton for LCS design guidelines	H. Burcharth	30'
10:50-11:20	Coffee Break		
11:20-12:50	WP		
1.1	LCS case studies in Italy	R. Tomasicchio, M. Tirindelli, A. Lamberti	25'
1.1.1	2nd year activities and results	M. Kramer	10'
2.5	Monitoring of Lido di Dante and Pellestrina: first results of the year	R. Archetti, M. Tirindelli, A. Lamberti	15'
2.5	Sediment transport in the vicinity of offshore breakwaters: the case of Elmer	T. Plomaritis, D. Paphitis, M. Engleton and M.B. Collins	20'
2.5	Scale effects in coastal structure model testing	M. Tirindelli, D. Paphitis	10'
2.5	Discussion chaired by WP leader, statement about the progress of WP and planned activities for 2003	US	10'
12:50-14:10	Lunch Break		
14:10-16:10	WP		
2.1	Modelling of 2DH wave-induced currents due to a detached LCS	Th. Karambas, I. Avgeris, P. Prinos and Ch. Koutitas	20'
2.1	Preliminary wave field computations through a detached porous structure	D. Gonzalez et al.	15'
2.1	Circulation behind a detached breakwater with and without overtopping	I. Caceres et al.	15'
2.1	3D modelling of breaking waves over a slope and over an impermeable breakwater with focus on turbulence modelling	E. Damgaard	25'
2.1	Modelization of wave breaking in Boussinesq-type models	R. Briganti, G. Bellotti, M. Brocchini	15'

	2.1.	Recent progress on numerical analysis of wave interaction with LCS	N. Garcia	20'
	2.1.	Discussion chaired by WP leader, statement about the progress of WP and planned activities for 2003	UCA	10'
16:10-16:40		Coffee Break		
16:40-18:40	WP			
	3.1	Extent of the area of influence on the surrounding soft bottoms and infauna of a LCS: preliminary results in Altafulla (NW Mediterranean)	D. Martin, M.P. Satta	15'
	3.1	Effects of breakwater on composition, structure and functional organization of soft-bottom assemblages at Lido di Dante (Italy)	F. Bertasi, M.A. Colangelo, R. Passaro, V.U. Ceccherelli	15'
	3.1	Effects of breakwater at different isobaths of soft bottom: preliminary results at Lido di Dante	F. Bertasi, M.A. Colangelo, A. La Morgia, V.U. Ceccherelli	15'
	3.1	Effects of LCS on the sediment infauna in a meso-(Elmer) and macro-tidal (Liverpool) system in the UK	P.S. Moschella, M. Frost, R.C. Thompson, S.J. Hawkins	15'
	3.1	Area of influence of LCS on the surrounding soft bottoms of infauna: preliminary results in Spain, Italy and U.K.	D. Martin, M. Colangelo, P. Moschella	15'
	3.1	Discussion chaired by WP leader, statement about the progress of WP and planned activities for 2003	CSIC	10'
	3.4.	Distribution and demography of <i>Patella caerulea</i> on coastal defence structures along the Adriatic coasts	L. Airoidi, M. Abbiati, P. Áberg, J. Anderson, M. Carrera, A. Sundelöf	15'
	3.4.	Genetic differentiation of <i>Patella caerulea</i> populations along the Northern Adriatic coast	M. Abbiati, F. Bertozzi, F. Costantini, S. Lunghi and L. Airoidi	10'
	3.4.	Discussion chaired by WP leader, statement about the progress of WP and planned activities for 2003	FF	10'
18.50		Steering Committee Meeting		35'
Tuesday				
9:00-10:55	WP			
	2.4	Experimental results and numerical simulations on two detached breakwaters with a gap in between	B. Zanuttigh, A. Lamberti	25'
	2.4	Preliminary large-scale flume results	X. Gironella et al.	15'
	2.4	Discussion chaired by WP leader, statement about the progress of WP and planned activities for 2003	AAU	10'
	3.5	Horizontal velocity field and particle distribution around a breakwater during high energy conditions	T. Serra	10'
	3.2	Intertidal epibiotic communities of a LCS: preliminary results in Altafulla (NW Mediterranean)	M.P. Satta, J. Klein, E. Garcia	15'
	3.2	Effects of breakwater design on epibiota associated with coastal structures in Italy	F. Bacchiocchi, L. Airoidi, M. Abbiati	15'
	3.2	The influence of selected design features of LCS on abundance and composition of epibiota in the UK	P.S. Moschella, R.C. Thompson, S.J. Hawkins	15'
	3.2	Discussion chaired by WP leader, statement about the progress of WP and planned activities for 2003	MBA	10'
10:55-11:20		Coffee Break		55'
11:20-13:35	WP			
	4.1	Final report on Benefit Transfer (includes WP progress report)	P. Polomé	20'
	4.2	Preliminary results on economic valuation for the Dutch case study	P. Polomé	20'

	4.2	Results of the Italian cases of Venice/Pellestrina and Lido di Dante	S. Marzetti	15+15'
	4.2	Result of questionnaire for Ostia	L. Franco, S. Marzetti	15'
	4.2	Discussion chaired by WP leader, statement about the progress of WP and planned activities for 2003	UB	10' 90'
	3.3	Habitat suitability and fish settlement in NW Mediterranean LCS	E. Macpherson	15'
	3.3	Determination of human usage and impact of food-gathering activities on coastal structures	F. Bacchiocchi, L. Airoldi, C. Cagliola, M. Abbiati	10'
	3.3	The effect of the LCS on the mobile fauna at Elmer: further results	P.S. Moschella, R.C. Thompson, S.J. Hawkins	10'
	3.3	Discussion chaired by WP leader, statement about the progress of WP and planned activities for 2003	MBA	10' 45'
13:35-14:50		Lunch Break		
14:50-16:30	WP			
	2.2	Results of morpho-hydrodynamic modelling (deliverables 27,42) and potential for ecological analysis	M. de Vries	20'
	2.2	Progress in the ISVA	B.M. Sumner, J. Fredsoe	20'+20'
	2.2	Preliminary analysis of shoreline evolution in the leeward of low-crested breakwaters using one-line models (II). Sensitivity analysis and multiple breakwaters	J.A. Jimenez, A. Sanchez-Arcilla, R. Briganti, P. Contini	15'
	2.2	Preliminary bottom evolution computations under a storm	J.M. Alsina et al.	15'
	2.2	Discussion chaired by WP leader, statement about the progress of WP and planned activities for 2003	DHI	10' 100'
16:30-17:00		Coffee Break		
17:00-18:45	WP			
	3.5	Statistic and mechanistic analyses of relationships between local hydrodynamics and epibiota on LCS from the coasts of the English Channel (UK) and the Adriatic Sea (Italy)	L. Granhag, P.R. Jonsson, P. Åberg, A. Sundelöf, P. Moschella, R. Thompson, L. Airoldi	20'
	3.5	A model of larval dispersal in the North Adriatic sea.	A. Sundelöf, P.R. Jonsson, M.Abbiati, L. Airoldi, P. Åberg	20'
	3.5	Discussion chaired by WP leader, statement about the progress of WP and planned activities for 2003	UGOT	10' 60'
	2.3	Available LCS stability formulae and results of AAU tests	M. Kramer	15'
	2.3	Stability of LCS	C. Vidal	20'
	2.3	Discussion chaired by WP leader, statement about the progress of WP and planned activities for 2003	UCA	10' 45'
21.00		Gala dinner		
Wednesday				
9:00-10:30	RT5	Discussion on the structure of the design guidelines lead by RT 5 leader WP and RT summarise inputs from WP/RT to guidelines	AAU	90'
10:30-11:00		Coffee Break		
11:00-13:00	RT5	Discussion on the structure of the design guidelines lead by RT 5 leader WP and RT summarise inputs from WP/RT to guidelines. Conclusions	UB	120'
13.00-13.30		Closure		

13:30-14:50		Lunch Break		
14:50-17.00	Free discussions			