

Short course on Shore Protection Strategies

Marina di Massa, 17 - 20 September 2007

The Gruppo Nazionale per la Ricerca sull'Ambiente Costiero (GNRAC), in collaboration with Rete Italiana per la Costa (RIC-ENCORA), Project OPTIMAL-BEACHMED-E (Optimisation des Techniques Intégrées de Monitoring Appliquées aux Littoraux), and Project IGCP-UNESCO 515 (Vulnerability and resilience assessment of coastal zone in Mediterranean and Black Sea areas related to the forecast sea level rise for management purposes), organizes a training event on Shore Protection Strategies.

This short course, aimed at young researchers and technicians from the Public Administration, will illustrate several shore protection methods, with especial regard toward soft and innovative techniques that are applicable to the Mediterranean coasts.

The training will be held in English language, and will take place in Marina di Massa (Italy) from 17 to 20 September 2007. It will be articulated in both theoretical classes and field trips along the coast.

On 21 September 2007, there will be a national scientific meeting on the subject of innovative techniques for shore defence - an additional event to which participants of this course are welcome to attend.

Program

Monday 17th	10:30 - 12:30	Round table: Traditional coastal defences: did they fail? Pierluigi Aminti, Giuliano Fierro, Alberto Lamberti, Alberto Noli, Enzo Pranzini, Umberto Simeoni	
	14:00 - 15:00	Allan Williams	Hard and soft shore protection: beach user expectancies
	15:00 - 16:00	Giavanni B. La Monica	Beach nourishment: inland vs. offshore borrow materials
	16:00 - 17:00	Francesco Chiocci	Beach nourishment: offshore sediment research techniques
	17:00 - 18:00	Doug Sherman	Non-traditional approaches to shore protection in low-energy environments
	18:00 - 19:00	Piero Ruol	Beach nourishment design
Tuesday 18th	9:00 - 9:45	Enzo Pranzini	Artificial gravel beaches
	9:45 - 10:30	Leopoldo Franco	Unconventional shore protection designs
	10:30 - 11:45	Alberto Lamberti	Low-crested breakwaters: wave induced currents and morphological response
	11:45 - 12:15	Lorenzo Cappietti	Modelling of waves and currents in coastal creas
	12:15 - 13:00	Mona Kaiser	Optimizing coastal defences through the use of numerical models
	14:00 - 15:00	Mario Calabrese	Two-dimensional physical models in shore protection planning
	15:00 - 16:00	Antonio Petrillo	Three-dimensional physical models in shore protection planning
	16:00 - 17:00	Hocine Oumeraci	Geotextile in coastal protection with particular focus on hydraulic stability
	17:00 - 18:00	Nicholas C. Kraus	Are the new coastal defence designs old?
	18:00 - 18:30	Field trip (I) presentation	
Wednesday 19th	8:30 - 13:00	Field trip (I): Monte Marcello - Fiumaretta - Marinella di Sarzana - Marina di Carrara - Marina di Massa - Marina di Ronchi	
	15:00 - 16:00	Leonardo Damiani	Drained beaches
	16:00 - 17:00	Doug Sherman	Coastal dune dynamics and protection
	17:00 - 18:00	Pierluigi Aminti	Rehabilitation/convertig of old coastal defences
	18:00 - 18:30	Field trip (II) presentation	
Thursday 20th	8:30 - 13:00	Field trip (II): San Rossore Regional Park - Marina di Pisa - Tirrenia - Calambrone	
	15:00 - 15:45	Augustin Sanchez-Arcilla	Low-crested breakwaters. Functional design.
	15:45 - 16:30	Karl Nordstrom	Gaining beach and loosing ... what?
	16:30 - 17:15	Allan Williams	Safety problems in protected beaches - warning systems
	17:15 - 18:00	Lorenzo Venzi	Beach nourishment: cost/benefit analysis
	18:00 - 18:45	Adrian Stanica	Shore protection structures: cost/benefit analysis
Friday 21st	WORKSHOP: INNOVATIVE SHORE PROTECTION STRATEGIES 9:00 - 10:00 Invited lecture:Hocine Oumeraci - Innovative wave damping structures 10:00 - 13:00 // 14:30 - 17:00: Presentation of Italian case studies		

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Registration form



Northern view from the venue.



Southern view from the venue.

Only 30 participants will be admitted and a broad international attendance will be favoured. Between Italian candidates, GNRAC members will be preferred.

Registration fee is € 1.000,00, including full-board accommodation in double room, field trips and social events.

Payment must be done through bank transfer to the following account: n: 5351/90, ABI: 06175, CAB: 01472, CIN: A
Registered at: DipTerRis - Università di Genova, Bank: CARIGE S.p.A., Agenzia N. 41, Via D'Annunzio 39, 16121
Genova, Italy.

For foreign payments: IT87A0617501472000000535190, SWIFT: CRGEITGG, BIC: CRGEITGG090
Please, clearly indicate "Causale: Family name, Shore Protection Strategies Registration fee"

Registration fees must be received within July, 31th 2007

I ask to attend the Short course on Shore Protection Strategies					
Given name		Family name		Title	
Institution					
Position					
Address					
				Country	
Email:	Phone		Fax		
I prefer to share the room with:					
Payment data:					

Fill in, copy and paste the table above into a new Word document and send it as attached file to epranzini@unifi.it