

Mediterranean PhD School

Time table

Impacts of climate change and sustainable engineering responses

	Monday 7/10	Tuesday 8/10	Wednesday 9/10	Thursday 10/10	Friday 11/10	Saturday 12/10
	Aula Magna	Aula Magna	Aula Magna	Aula Bobbio	Aula Bobbio	
Scientific program						
	Climatology	Related natural disaster	Sustainable engineering responses	Weather effects on sloping unsaturated soils		
9:00-10:00	Registration	Floods (Alberto Montanari)	Climate Change challenges for the city of tomorrow: responses from Rotterdam (Peter Mensinga)	Basic concepts of unsaturated soils (Eduardo Alonso)	Constitutive modelling (Eduardo Alonso)	Technical visit
10:00-11:00	Opening ceremony	Drought and water scarcity (Giuseppe Rossi e David Peres)			Geological factors in flowslide triggering (Giovanni Forte)	
coffee break 11:00-11:30						
11:30-12:30	Drivers force of natural climate variation and climate projections for the next decades (Vincenzo Artale)	Meteo-induced landslides (Luciano Picarelli)	Offshore wind power--resource and technology (Willet Kempton) New technology frontiers in offshore wind power (Willet Kempton)	Hidrayulic behaviour (Eduardo Alonso)	The role of vegetation in soil response (Anthony Leung)	
12:30-13:30				Experimental hydraulic behaviour (Enrique Romero)		
lunch						
14:45-15:45	Carbon economics: Pricing the planet's future (Christian Gollier)	Wave Energy Converters - Perspectives and Impact on Coastline Evolution (Jens Peter Kofoed)	Designing a sustainable future (Paolo Cresci)	Impact of climate change on groundwater (Daniela Ducci)	Experimental behaviour of vegetated soils (Enrique Romero)	
15:45-16:45		Student presentation		Nature based solutions (Antony Leung)	Mechanical behaviour (Eduardo Alonso)	Slope monitoring: case histories (Marianna Pirone) Early warning Systems (Luca Pagano)
16:45-17:45	Discussion		Experimental mechanical behaviour (Enrique Romero)		Laboratory Equipments (Claudio Mancuso)	
Social program						
		City by night	Social dinner			