



WaterDiss2.0
Summer School 2012
Flood Risk Management
University of Oxford, St Anne's College
16th – 20th July 2012





SUMMER SCHOOL SCHEDULE

	Morning	Afternoon
Sunday 15 th	Delegates arrive in Oxford, congregate and shown to accommodation Opportunity for delegates to display Posters of their research	
Monday 16 th	<p>8:30 WELCOME by ESKTN & CIRF Introduction to aims and objectives of the Summer School</p> <p>9:00-10:00 How to get heard? - Presentation and discussion led by Prof Carolyn Roberts, Director of ESKTN</p> <p>10.30 -12:00 Students split into 3 groups to give a short (5 - 10 min) presentation on who they are and their research</p> <p>12:00 -12:30 Introduction to STUDENT EXERCISE 1 (Definition of terms and critical issues).</p> <p>Students to be allocated groups to work on Exercise</p>	<p>14:00-19:00 VULNERABILITY</p> <p>14:00-16:00 General introduction to the vulnerability concept: methods for evaluation and indicators (MOVE) - David Alexander, Chief Senior Scientist, Global Risk Forum</p> <p>16:00-18:00 Evaluation of intangible effects of flood, coastal and Alpine hazards (CONHAZ) – Dr Vasileios Markantonis, Helmholtz Centre for Environmental Research</p> <p>18:00-19:00 General Discussion</p> <p>Evening - Students to work in Groups on Exercise 1</p>



<p>Tuesday 17th</p>	<p>8:30-13:00 RELIABILITY OF FLOOD DEFENCE 8:30-11:30 Effects of morphological changes in flood risk assessment. Understanding the way in which flood defence structures perform and may fail under varying hydraulic load conditions. Reliability analysis of flood defence. (FLOODsite) – Ben Gouldby, HR Wallingford</p> <p>11:30-13:00 General discussion</p>	<p>14:00-19:00 FLASH FLOODS AND DEBRIS FLOW 14:00-16:00 Individuation of flash floods common features across Europe: characterisation of storm patterns, runoff response and soil moisture influence in different hydroclimatic regions. Methods for checking the consistency of hydrometeorological and geographical data. Flash flood forecasting in ungauged basins. Flash flood event reconstruction by means of post-event field surveys (HYDRATE) – Marco Borga, Professor of Hydrology and Hydraulics at the University of Padova</p> <p>16:00-18:00 Early warning (IMPRINTS) - Dr Rafael Sanchez, Chief Executive Officer, Hydro Meteorological Innovation Solutions</p> <p>18:00-19:00 General discussion</p>
<p>Wednesday 18th</p>	<p>08:30 – 12:30 SITE VISIT Walking tour of Port Meadow, Osney Island and the Botley Road, Oxford Accompanied by Professor Edmund Penning-Rowsell and Prof Carolyn Roberts</p> <p>(see separate attachment for details of the tour)</p>	<p>15:00 – 16:30 FLOODING & COASTAL EROSION RISK MANAGEMENT (FCERM) Presentation by UK Environment Agency (Evidence Directorate) about the Joint Defra-EA FCERM R&D Programme Dr Geoff Baxter Research Scientist, Evidence Directorate Flooding and Communities Research Team</p> <p>16:30 -17:30 Feedback from Exercise 1</p> <p>19:00 Summer School Dinner</p>



<p>Thursday 19th</p>	<p>8:30-10:30 FLOOD RISK MANAGEMENT and STAKEHOLDERS INVOLVEMENT Increasing public awareness and participation in flood risk assessment and management: why and how? (IMRA) – Teresa Sprague, Researcher, Technical University, Dortmund</p> <p>10:30-12:30 FLOOD RISK IN SMALL URBAN CATCHMENTS Understanding why flooding from small urban catchment occurs. Effectiveness and Efficiency of flood probability reduction measures in Small Urban Catchments. Improving resilience and people preparedness (SUCA) – Richard Newman, Research Associate, Bradford University</p>	<p>14:00-18:00 EFFICIENCY OF NON-STRUCTURAL FLOOD MITIGATION MEASURES 14:00-16:00 Hydrological analysis to support comparison of non-structural flood mitigation measures. Relative efficiency of non-structural flood mitigation measures (ROOMFORTHERRIVER) - Felix Frances, Technical University of Valencia</p> <p>16:00-18:00 General discussion</p>
<p>Friday 20th</p>	<p>STUDENT EXERCISE 2</p> <p>08:30 -12:45 Producing “A balanced bid for research, incorporating active dissemination”</p> <p>(further details will be available at a later date)</p>	<p>STUDENT EXERCISE 2</p> <p>13:30 – 14:00 Decision, feedback and lessons learnt</p> <p>PATHWAY TO IMPACT</p> <p>14:00 – 15:00 Final roundup of Summer School</p> <p>Close - Delegates to return home</p>

