

Time (CET)	Monday 29 August	Tuesday 30 August	Wednesday 31 August	Thursday 1 September
09.00 – 10.30	<b>Welcome &amp; logistics</b>  <b>Keynote:</b> <b>Introduction to NBS and OPERANDUM and PHUSICOS</b> <i>Silvana Di Sabatino (University of Bologna)</i> <i>Amy Oen (Norwegian Geotechnical Institute)</i>	<b>Lecture: NBS modeling and monitoring</b> <i>Massimo Menenti (TU Delft),</i> <i>Beatrice Pulvirenti (University of Bologna)</i>	<b>GeoIKP - NBS platform</b> <i>Laura Leo (University of Bologna), Milan</i> <i>Kalas (Kajo)</i>	<b>Group work</b>  Presentation of Group assignments
Coffee break (10.30 - 11.00)				
11.00 – 12.30	<b>Lecture: Hydro-meteo extremes in a changing climate</b> <i>Heikki Tuomenvirta (Finnish Meteorological Institute)</i> <i>Paolo Ruggieri (University of Bologna)</i>	<b>Lecture: Hydro-meteo risks in Socio-Ecological Systems</b> <i>Fabrice Renaud (University of Glasgow),</i> <i>Paolo Ruggieri (University of Bologna)</i>	<b>Group work</b>  3/4 groups	<b>DESIGN DISCUSSION OF NBS</b>  <i>Closing remarks: Futures perspective</i>
Lunch (12.30 - 14.00)				School wrap up
14.00 – 15.30	<b>NBS for HMH – concepts, classification, and approaches &amp; multiscale co-benefits</b> <i>Di Sabatino (University of Bologna) / Pavlova (UNESCO)/Renaud (University of Glasgow)</i>	<b>Lecture: Stakeholder engagement &amp; NBS co-creation</b> <i>Katriina Soini (Luke),</i> <i>Teresa Carlone (University of Bologna)</i>	<b>Field Trip to Volano</b>  <b>Insights from Open-Air Labs</b> <i>OAL-ITALY partners (Margherita Aguzzi, Silvia Unguendoli, Fabrizio Tavaroli, Francesco Barbano, Beatrice Pulvirenti, Paolo Ruggieri)</i>  <i>Dinner Included back in Bologna at about 23:00</i>	
Comfort break (15.30 - 15.45)				
15.45 – 17.30	<b>Lecture: NBS selection and engineering, permitting paths</b> <i>Pulvirenti (University of Bologna), Fabrizio Tavaroli (Rina-C)</i>  <b>ICEBREAKER</b>	<b>Process to NBS implementation and replication</b> <i>OAL-ITALY partners</i> <i>PHUSICOS partners</i>  <i>Group work description</i>		