

# **Towards More Resilient Communities – 3<sup>rd</sup> UC Lifeline Week**

**Rome: 20 – 21 – 22 April 2015, L'Aquila: 23 April 2015, Naples: 24 April 2015**

## AGENDA

<b>Day 1</b>	<b>Venue: Ministry of Infrastructure and Transport</b> <i>Via Nomentana 2, Rome</i> <b>Reference person: Renzi Emanuele</b> <a href="mailto:emanuele.renzi@mit.gov.it">emanuele.renzi@mit.gov.it</a> <b>Topic: Strategies, policies and tools towards resilient infrastructures</b>
From 09:00	<b>REGISTRATION</b>
09:45 – 10:00	<b>WELCOME FROM THE HOST INSTITUTION</b>
10:00 – 11:00	Session 1 <b>NEW ZEALAND EXPERIENCE: ACHIEVING RESILIENCE DURING RECONSTRUCTION</b> <i>Rod Cameron, Craig Davis, Anne de Raadt, Roger Fairclough, Helen Fergusson, Sonia Giovinazzi, Roger Sutton, Jolie Willis</i>
11:00 – 11:20	<i>Morning Tea</i>
11:20 – 12:20	Session 2 <b>CURRENT APPROACH TO A MODERN AND EFFICIENT ADMINISTRATION: THE WAY AHEAD TOWARDS RESILIENT INFRASTRUCTURES</b> <i>Speakers: Piero Barotono, Andrea Ferrante, Emanuele Renzi</i> <i>Overview on who we are</i> <i>Current approach to a modern and efficient administration</i> <i>"The way ahead" – strategies towards resilient infrastructures</i>
12:20-13:00	<b>DISCUSSION</b>
13:00 – 14:00	<i>Lunch</i>
14:00 – 16:00	Session 3 – Technical Session <b>PORTS OF THE FUTURE: PLANNING RESILIENCE TO STRAINS AND RISKS</b> <i>Resilient planning for ports: experiences – Maria Prezioso</i> <i>Post-disaster resilient reconstruction: Lyttelton Port (NZ) – Roger Fairclough</i> <i>Seismic Risk Assessment of Italian Ports – Carlo G. Lai</i> <i>Assessing risks and interdependencies: Thessaloniki port (Greece) – Kyriazis Pitilakis</i> <i>Experiences from USA and Japan – Alex Tang</i>
16:00 – 16:30	<i>Afternoon Tea</i>
16:30 – 18:30	Session 4 – Technical Session <b>ASSET DATA MANAGEMENT: GIS &amp; BIM</b> <i>Building Information Management for resilience of infrastructures – Pietro Barotono, Lorenzo Bellicini, Andy Kervell</i> <i>A Web-GIS platform for seismic risk management – Rui Pinho</i> <i>Land Information New Zealand (LINZ): overview on current activities – Anna De Raadt</i> <i>The Strong Christchurch Infrastructure Rebuilding Team (SCIRT) GIS – Rod Cameron</i>

<b>Day 2</b>	<b>Venue: Sapienza University of Rome</b> <b>San Pietro in Vincoli - via Eudossiana 18.</b> <b>Reference person: Paolo Franchin and Sonia Giovinnazzi</b> <a href="mailto:paolo.franchin@uniroma1.it">paolo.franchin@uniroma1.it</a> <a href="mailto:sonia.giovinnazzi@canterbury.ac.nz">sonia.giovinnazzi@canterbury.ac.nz</a> <b>End-user and resilience oriented researches: creating worldwide networks</b>
From 09:00	<b>REGISTRATION</b>
09:45 – 10:00	<b>WELCOME FROM THE HOST INSTITUTION</b>
10:00 – 11:00	Session 1 <b>OVERVIEW ON INTERNATIONAL END-USER ORIENTED RESEARCH</b> <i>Rod Cameron, Craig Davis, Anne de Raadt, Roger Fairclough, Helen Fergusson, Sonia Giovinnazzi, Roger Sutton, Jolie Willis</i>
11:00 – 11:20	<i>Morning tea</i>
11:20 – 12:20	Session 2 <b>EUROPEAN EXPERIENCE: OVERVIEW ON END-USER ORIENTED RESEARCH</b> Systemic issues in risk and resilience analysis – <i>Paolo Franchin</i> The role of Geotechnics in the analysis of landslide and earthquake risks – <i>Stefano Aversa</i> Research on Infrastructure Resilience to Earthquake and Tsunami at University College London - <i>Dina D'Ayala</i> Resilience-oriented research at ETH Zurich – <i>Bozidar Stojadinovic</i> Petro-chemical Plants Resilience to NaTech Events – <i>Bernardino Chiaia</i> Models to support Emergency-management for Volcanic and Landslide-induced Tsunami risks – <i>Paolo De Girolamo</i>
12:20-13:00	<b>DISCUSSION</b>
13:00 – 14:00	<i>Lunch</i>
14:00 – 16:00	Session 3 – Technical Session <b>MULTI-HAZARDS EARTHQUAKE AND FLOODING</b> Overview on the Multi-hazard Earthquake-Flooding project, and activities of the ASCE Infrastructure Resilience Division – <i>Craig Davis</i> Contribution from NZ: CCC Task Force, SCIRT and CERA approaches to manage a multi-hazard landscape, UC research Increased Flooding Vulnerability due to earthquake-induced damage to the Storm-water system in Christchurch – <i>Francesco Cavalieri</i> A simplified real time method to forecast semi-enclosed basins storm surge – <i>Paolo De Girolamo</i>
16:00 – 16:30	<i>Afternoon Tea</i>
16:30 – 18:30	Workshop <b>CRITICAL INFRASTRUCTURES AND URBAN RESILIENCE: MAPPING ASSETS, ACTORS AND DATA</b> Chair: <i>Alessandro Coppola</i>  See attached brochure

<b>Day 3</b>	<b>Venue: Rome, Civil Protection Department (DPC)</b> <i>Via Vitorchiano, Rome</i> <b>Reference person: Prof. Mauro Dolce</b> <a href="mailto:Mauro.dolce@protezionecivile.it">Mauro.dolce@protezionecivile.it</a> <b>Sharing experiences on emergency and post-disaster management</b>
From 09:00	<b>REGISTRATION</b>
09:30 – 10:00	<b>OVERVIEW ON THE ITALIAN CIVIL PROTECTION SYSTEM</b> <i>David Fabi</i>
10:00 – 11:00	Session 1 <b>ITALIAN EXPERIENCE: EMERGENCY MANAGEMENT IN RECENT EVENTS AND PREPAREDNESS ACTIVITIES</b> <i>The L'Aquila 2009 earthquake - Mauro Dolce</i> <i>Risk awareness and preparedness campaign "I do NOT take risks" - Veronica Piacentini</i>
11:00 – 11:20	<i>Morning tea</i>
11:20 – 12:20	Session 2 <b>NEW ZEALAND EXPERIENCE: THE CANTERBURY EARTHQUAKE SEQUENCE 2010-11 AND RELATED FLOODING EVENTS</b> <i>Rod Cameron, Anne de Raadt, Roger Fairclough, Helen Fergusson, Roger Sutton, Jolie Willis</i>
12:20-13:00	<b>DISCUSSION</b>
13:00 – 14:00	<i>Lunch</i>
14:00 – 16:00	Technical visit <b>EMERGENCY MANAGEMENT ROOM AND FUNCTIONAL CENTRES FOR VOLCANIC, SEISMIC AND WEATHER-RELATED RISK MONITORING AT THE DPC</b>
16:00 – 16:30	<i>Afternoon Tea</i>
16:30 – 18:30	Workshop <b>URBAN RESILIENCE INITIATIVES AND RESILIENCE SCORE-CARD-REALITY CHECK: TESTING THE KIT RESILIENCE ASSESSMENT APPROACH ON DECISION MAKERS</b> <i>Chair: Bijan Khazai</i> Potenza Province, Role Model for Inclusive Resilience and Territorial Scale Safety – awarded by UNDRR – <i>Alessandro Attolico</i>

<b>Day 4</b>	<b>Venue: University of L'Aquila</b> <i>Via Vetoio, L'Aquila</i> <b>Reference person: Prof Dante Galeota</b> <a href="mailto:dante.galeota@ing.univaq.it">dante.galeota@ing.univaq.it</a> <b>Sharing learning and experiences and planning joint strategies towards a legacy</b>
09:00	<i>Departure from Rome</i>
11:00 – 13:30	Technical visit <b>L'AQUILA HISTORICAL CENTRE, CASE PROJECT, BASILICA DI COLLEMAGGIO</b>
13:30 – 14:30	<i>Lunch</i>
14:30 – 17:00	Session 1 <b>ROUND TABLE BETWEEN L'AQUILA AND NZ DECISION MAKERS AND STAKEHOLDERS</b>
17:00	<i>Return to Rome</i>

<b>Day 5</b>	<b>Venue: University of Naples</b> Aula Bobbio, Scuola Politecnica e delle Scienze di Base, Piazzale Tecchio 80 <b>Reference person: Iunio Iervolino <a href="mailto:iunio.iervolino@unina.it">iunio.iervolino@unina.it</a></b> <b>Community Resilience through Preparedness, Connection and Communication</b>
07:35	<i>Departure from Rome</i>
From 09:30	<b>REGISTRATION</b>
10:00– 10:30	<b>WELCOME FROM THE HOST INSTITUTION - EARTHQUAKE ENGINEERING RESEARCH: THE PERSPECTIVE OF THE ITALIAN NETWORK OF UNIVERSITY LABS</b> <i>Gaetano Manfredi</i>
10:30 – 11:20	Session 1 <b>NEW ZEALAND OVERVIEW AND CASE-STUDIES ON “COMMUNITY RESILIENCE THROUGH PREPAREDNESS, CONNECTION AND COMMUNICATION”</b> <i>Rod Cameron, Anne de Raadt, Roger Fairclough, Helen Fergusson, Roger Sutton, Jolie Willis</i>
11:20 – 11:40	<i>Morning tea</i>
11:40 – 12:30	Session 2 <b>ITALIAN EXPERIENCE AND CASE-STUDIES ON “COMMUNITY RESILIENCE THROUGH PREPAREDNESS, CONNECTION AND COMMUNICATION”</b> <i>Edoardo Cosenza</i>
12:30 – 13:00	<b>DISCUSSION</b>
13:00 – 14:00	<i>Lunch</i>
14:00-14:45	Session 3 – Technical Session <b>ENHANCING RESILIENCE OF TELECOM AND DATA NETWORK TO EMPOWER COMMUNICATION AND DATA SHARING PRE AND POST DISASTER</b> Telecom and Data network resilience - <i>Alex Tang</i> Seismic risk of the Data network of Campania region - <i>Iunio Iervolino</i> Power to the People – <i>Roger Sutton</i>
14:45 – 15:30	Session 4 – Technical Session <b>THE ROLE OF COMMUNICATION IN FOSTERING RESILIENT COMMUNITIES (FROM MITIGATION TO RECOVERY)</b> “I do NOT Take the Risk” campaign in Italy - <i>Angelo Masi</i> Experiences of training and education for resilient communities in the Campania region. The training program “Civil Protection and Volcanic risk: Vesuvius and Phlegraen Fields” and “EDURISK Project – the risk education at school” - <i>Micaela Nerucci</i> Supporting the supporters: strategies for supporting those who are working and living in disaster recovery - <i>Jolie Willis</i> The importance of information sharing in recovery: SCIRT experience - <i>Helen Fergusson</i>
15:30 – 16:00	<i>Afternoon Tea</i>
16:00 – 17:00	<b>WEEK WRAP-UP – P OWARDS RESILIENT COMMUNITIES”</b> <i>Craig Davis</i>