

In-Service ICT Training for Environmental Professionals (ISEPEI) Bridging ICTs and the Environment: Innovations in Disaster Risk Management

13-17 July 2015, Central European University, Budapest, Hungary

<https://syslab.ceu.edu/courses/SUN2015/innovations>



Empowered lives.
Resilient nations.

Monday July 13 th	Setting the Stage: the Post-Sendai Global Framework for DRR (Nador 11, Room 004 and Nador 9, Monument Building 201 – Video Conferencing)
8:30 – 9:00	Registration, Nador 9, Outside Auditorium
9:00 – 9:30	CEU Summer University Orientation, Nador 9, Auditorium
9:30 – 10:00	Viktor Lagutov (CEU) and Armen Grigoryan (UNDP) <i>Welcome from Course Directors</i> Emily Nilson (CEU) <i>Logistics</i> <i>Participant Introductions</i>
10:00 – 10:30	Welcome and Opening Remarks (Nador 11, Room 004) Vice President Margaret Bolter (CEU) <i>Welcome to CEU</i> UNDP Istanbul Regional Hub for Europe and CIS Director Rastislav Vrbensky <i>Welcome from UNDP</i>
10:30 – 10:50	<i>Snack Break, TIGY Room, Nador 11, 006</i>
10:50 – 11:40	Current State of DRR & Innovations (Nador 11, Room 004) Armen Grigoryan (UNDP) <i>Introducing Sendai Framework for DRR</i>
11:40 – 12:30	Milica Begovic (UNDP Regional Center for Europe and the CIS) <i>Innovation and DRR</i>
12:30 – 13:45	<i>Lunch, Rétesház (Strudel House), Október 6 utca 22</i>
13:45 – 14:30	Current State, cont. (Video Conferencing, Nador 9, Monument Building, Room 201) Vasko Popovski (UNDP FYR Macedonia) <i>Big Data and Urban Risk Management</i>
14:30 – 15:10	Viktor Lagutov (CEU) <i>The Eye on Earth Process: Disaster Management Special Initiative Opportunities</i>
15:10 – 15:30	<i>Snack Break, Nador 9, Outside MB 201</i>
15:30 – 17:30	Current State, cont. (Video Conferencing, Nador 9, Monument Building, Room 201) Irina Makarenko (Commission on the Protection of the Black Sea Against Pollution) <i>A Regional Need for Innovations in DRR: Experience of the Black Sea Commission</i> Lorant Czarán (UN Office for Outer Space Affairs) <i>Satellite Technologies for DRR, the UN-SPIDER Programme</i>
18:00 – 19:30	Welcome Reception (Október 6 utca 7 Building – Oktober Hall)

Tuesday July 14th	
UNDP DRR Programmes & Global Urban Resilience Experience (Nador 11, Room 004 and Nador 9, Monument Building 201 – Video Conferencing)	
9:30 – 9:45	Recap and Introduction to Day 2
9:45 – 10:15	Hossein Kalali (UNDP Consultant) <i>Risk Profile of the ECIS Region</i>
10:15 – 10:45	UNDP Experience and Case Studies (Nador 11, Room 004) Stanislav Kim (UNDP Bureau of Policy and Programme Support) <i>ICT 4DRR Regional Project ECIS</i>
10:45 – 11:00	Snack Break, TIGY Room, Nador 11, 006
11:00 – 11:45	UNDP Experience and Case Studies, cont. (Nador 11, Room 004) Ecaterina Melnicenco (UNDP Moldova) <i>ICT4DRR Case Presentation Moldova: LGSAT Methodology for City Resilience</i>
11:45 – 12:30	Vasko Popovski (UNDP FYR Macedonia) <i>ICT4DRR Case Presentation Macedonia: Mobile Technologies & Big Open Data</i>
12:30 – 13:45	Lunch, Rétesház (Strudel House), Október 6 utca 22
13:45 – 14:15	UNDP Experience and Case Studies, cont. (Video Conferencing, Nador 9, Monument Building, Room 201) Arshaluys Vardanyan (UNDP Armenia) <i>ICT4DRR Case Presentation Armenia: Smart Cities</i>
14:15 – 15:00	Global Experience in Urban Resilience (Video Conferencing, Nador 9, Monument Building, Room 201) Zubair Murshed (UNDP Regional DRR Advisor for Arab States) <i>Experience on Urban Resilience in Arab States Region</i>
15:10 – 15:30	Snack Break, Nador 9, Outside MB 201
15:30 – 16:15	Global Experience in Urban Resilience, cont. (Video Conferencing, Nador 9, Monument Building, Room 201) Samuel Akera (UNDP Regional DRR Specialist, East Africa) <i>Experiences in Urban Resilience in Africa</i>
16:15 – 17:00	Rajeev Issar (Bureau for Policy and Programme Support, UNDP New York), ‘Urban Resilience and ICT – Global Experiences and Application’
Wednesday July 15th	
GIS Applications for Disaster Risk Reduction & Urban Resilience (Nador 11, Room 004 and Nador 9, Blue Computer Lab)	
9:30 – 9:45	Recap and Introduction to Day 3
9:30 – 10:30	Introduction to GIS and Hands-On Esri ArcGIS Online Workshop (Nador 9 Blue Computer Lab) Viktor Lagutov & Emily Nilson (CEU)

	<ul style="list-style-type: none"> • Introduction to ArcGIS Online • Exploring maps and adding content on ArcGIS Online
10:30 – 10:50	Snack Break, TIGY Room, Nador 11, 006
10:50 – 12:30	Esri ArcGIS Online Workshop, cont. (Nador 9 Blue Computer Lab) <ul style="list-style-type: none"> • Creating your own maps, spatial analysis, creating apps • Chemical spill scenario • (TBC) Remote sensing tutorial: the shrinking of Lake Chad
12:30 – 13:45	Lunch, Rétesház (Strudel House), Október 6 utca 22
13:45 – 15:10	EcoCity Builders Crowdsourcing Workshop (Nador 11, Room 004) Kirstin Miller (Ecocity Builders, USA), <i>Crowdmapping Cities from a People's Perspective</i> <ul style="list-style-type: none"> • PAR and Community Planning • Systems and Urban Metabolism
15:10 – 15:30	Snack Break, TIGY Room, Nador 11, 006
15:30 – 17:00	EcoCity Builders Crowdsourcing Workshop, cont. (Nador 11, Room 004) Kirstin Miller (Ecocity Builders, USA) <i>Crowdmapping Cities from a People's Perspective</i> <ul style="list-style-type: none"> • Visualizing Urban Data • Neighborhood Surveying Techniques
Thursday July 16th	Potential of Satellite Technologies for DRR (Nador 9, Monument Building 201 – Videoconferencing and Nador 11, Room 004)
9:30 – 9:45	Recap and Introduction to Day 4
9:45 – 10:30	Best Global Practice in Use of Technology for DRR (Video Conferencing, Nador 9, Monument Building, Room 201) Matthew Sarsycki (UN-APCICT/ESCAP/Asian Disaster Preparedness Center) <i>Smart Cities Approach to Building Resilience Using ICTs in Asia-Pacific</i>
10:30 – 10:50	Snack Break, Nador 9, Outside MB 201
10:50 – 12:30	Best Global Practice, cont. (Video Conferencing, Nador 9, Monument Building, Room 201) Thomas Kemper (Joint Research Center [JRC], Global Security and Crisis Management Unit/ European Commission) <i>The Need for Global Fine Scale Settlement Mapping and Monitoring</i>
12:30 – 13:45	Lunch, Rétesház (Strudel House), Október 6 utca 22
13:45 – 14:30	Satellite Technologies in Practice (Nador 11, Room 004) Dezső Mikus (KRF/UN-SPIDER Regional Support Office) <i>Using Remote Sensing in Disaster Control / Disaster Risk Management</i>

<p>14:30 – 15:10</p> <p>15:10 – 15:30</p> <p>15:30 – 17:00</p>	<p>Integration of Remote Sensing and Open-Source GIS, Part 1 (Nador 11, Room 004) Zoltan Vekerdy (University of Twente ITC) <i>Remote Sensing-Based Flood Monitoring in an Open Source Software Environment</i></p> <p>Snack Break, TIGY Room, Nador 11, 006</p> <p>Integration of Remote Sensing and Open-Source GIS, Part 2 (Nador 11, Room 004) Zoltan Vekerdy (University of Twente ITC) <i>Remote Sensing-Based Flood Monitoring in an Open Source Software Environment</i></p>
<p>Friday July 17th</p>	<p>Next Steps: What is the Future of Using ICT in DRR? (Nador 11, Room 004)</p>
<p>9:30 – 9:45</p> <p>9:45 – 11:00</p> <p>11:00 – 11:15</p> <p>11:15 – 12:30</p> <p>12:30 – 13:45</p> <p>13:45 – 14:30</p> <p>14:30 – 15:15</p> <p>15:15 – 15:30</p> <p>15:30 – 16:00</p> <p>16:00 – 16:30</p> <p>16:30 – 17:00</p>	<p>Recap and Introduction to Day 5</p> <p>International Mechanisms for Satellite Solutions (Nador 11, Room 004) Jens Danzeglocke (DLR) <i>International Mechanisms for Satellite Solutions: The International Charter on Space and Major Disasters</i></p> <p>Snack Break, TIGY Room, Nador 11, 006</p> <p>Funding Mechanisms and Opportunities for Collaboration (Nador 11, Room 004) Zsuzsanna Gabor (CEU Academic and Research Support Office) <i>Opportunities for European Funding for DRR Projects</i></p> <p>Lunch, Rétesház (Strudel House), Október 6 utca 22</p> <p>Discussion Trigger (Nador 11, Room 004) Ruben Mnatsakanian (CEU Head of Environmental Sciences and Policy Department) <i>Evolution of Innovations in DRR</i></p> <p>Group Discussion Session (Nador 11, Room 004) <i>What is the best way forward for use of technology for DRR?</i></p> <p>Snack Break, TIGY Room, Nador 11, 006</p> <p>Presentation: <i>Findings of Group Discussion</i></p> <p>The Way Forward (Nador 11, Room 004) Armen Grigoryan (UNDP) <i>Next Steps for ICT in DRR</i></p> <p>Closing, TIGY Room (TBC), Nador 11, 006</p>