

## UN4DRR Monitoring Visit and Technical Training

### 29 Jan – 2 Feb, 2023

Maldives National University  
Geospatial Lab, A3-19, 2nd Floor  
Rahdhebai Higun, Male'

Day	Time	Session	Facilitator
Sunday 29/01/2023 Main Admin Bldg.	9h00 – 10h30	<ul style="list-style-type: none"> <li><b>Opening Ceremony</b> of UN4DRR GIS/RS Lab</li> <li>Introduction of <b>MNU UN4DRR new programs</b> and future plans.</li> </ul>	<i>Rector MNU/Project coord.</i>  <i>Afeef Abdulla/MNU Team</i>
	11h00 – 12h30	<ul style="list-style-type: none"> <li><b>Disasters in Maldives</b> - Island Context: Introduction of the types of disasters in Maldives and statistical data.</li> </ul>	<i>Official from National Disaster Management Authority of Maldives</i>
	13h30 – 15h00	<ul style="list-style-type: none"> <li><b>Coastline monitoring</b> using <a href="#">Google Earth Engine</a>: Monitoring the changes to the coastline due to erosion using satellite images.</li> </ul>	<i>Mr. Shuaib (MNU)</i>
	15h30 – 17h00	<ul style="list-style-type: none"> <li>Mapping the <b>Flood Risk Exposure</b>: Use of Open Source mapping tools (<a href="#">OpenStreetMap (OSM)</a>, <a href="#">Java OpenStreetMap (JOSM)</a>, <a href="#">QGIS</a>, and GPS Essentials) to develop exposure maps.</li> </ul>	<i>Dr. SIS. Subasinghe (PDN)</i>
Monday 30/01/2023	9h00 – 10h30	<ul style="list-style-type: none"> <li><b>Landslide hazard</b> analysis using GIS Techniques: Applications of the Multi-Criteria Decision Analysis (MCDA) method to analyse landslide hazard (<a href="#">ArcGIS</a>)</li> </ul>	<i>Mr. Ashvin Wickramasooriya (PDN)</i>
	11h00 – 12h30	<ul style="list-style-type: none"> <li>Estimating <b>soil loss</b> and sediment export using InVEST model: Erosion and overland sediment retention (<a href="#">InVEST</a>, <a href="#">ArcGIS/QGIS</a>)</li> </ul>	<i>Dr Yudi Setiawan (IPB)</i>
	13h30 – 15h00	<ul style="list-style-type: none"> <li>Social Capital mobilization on the context of <b>Community Flood Disaster Management</b> in Sri Lanka: How does social capital work in the community disaster management process?</li> </ul>	<i>Ananda Y. Karunaratne (CMB)</i>
	15h30 – 17h00	<ul style="list-style-type: none"> <li>Assessment of <b>Surface Temperature</b> of the City of Colombo, Using GIS and RS techniques: Global warming has been identified as one of the critical impasses in the current climate change scenarios. In this sense, theory and TT parts will be covered. (<a href="#">ArcGIS</a>)</li> </ul>	<i>Prof. Manawadu, Dr. Ananda (CMB)</i>
	19h00	<b>Social Dinner</b>	

Tuesday 31/01/2023	9h00 – 12h00	<ul style="list-style-type: none"> <li>• <b>City Resilience towards Coastal Hazards: An Integrated Bottom-Up and Top-Down Assessment</b></li> <li>• <b>Hotspot Mapping and Analysis in Nagan District, Aceh Province.</b></li> </ul>	<i>Dr. Rina Suryani Oktari (USK) Dr Nazli</i>
	12h00 – 13h00	Lunch	
	13h00 – 15h00	A Practical Guide - How to Structure Academic Programs and Courses in accordance to Bologna Process and European Qualifications Framework	<i>Kyriakos Georgiou (UNIC)</i>
	Afternoon Ferry at 16h20	<u>Departure to Dhigurah Island</u>	
Wednesday 01/02/2023 09h00-17h00 Venue: Dhigurah Island Council Office	New E-Learning Curriculum/ Partner presentation and feedback of courses developed  a. IPB University b. Universitas Syiah Kuala c. University of Colombo d. University of Peradeniya e. Maldives National University		<i>Kyriakos Georgiou (UNIC) + All</i>
Thursday 02/02/2023 09h00- 12h00	Venue: Dhigurah Island Council Office	UN4DRR Management Meeting topics: - <b>Project Implementation – Quality Assurance</b> - <b>Dissemination event and UN4DRR social platform (IPB)</b> - <b>Next meeting VUB. Final Event (PDN/IPB)</b> - <b>Sri Lanka mobility budget</b>	<i>VUB + all</i>
	Ferry at 13h30	<u>Departure to Male. Lunch at Male</u>	
Friday 03/02/2022	<b>Departure from Male</b>		