



Training Workshop Module 2: Earth observation techniques and knowledge: best practices to support national wetland inventories

Incheon, Republic of Korea, 8-12 September 2025

Agenda

Monday 8 September 2025

Introducing spatial wetland data: creating a prototype database and map

9:00- 9:10	Welcome remarks by Chun Kyoo Park, Head of UN Office of Sustainable Development Introduction to the Module 2 learning objectives by Flore Lafaye de Micheaux, Secretariat of the Convention on Wetlands (Presentation)
9:10- 9:55	Round of introductions by participants – recap on main progress over the intersession period (Group activity)
9:55-10:55	Adapting global wetland data for NWIs: an overview by Iryna Dronova, University of California, Berkeley (Presentation)
10:55-11:05	<i>Break</i>
11:05-11:20	<i>Mentimeter session</i>
11:20-12:00	Overview of spatial data basics and QGIS software by Iryna Dronova (Presentation)
12:00-13:00	<i>Lunch break</i>

13:00-13:30	QGIS demonstration: Introduction to hand-on session & QGIS software, by Iryna Dronova (Demonstration of the software via instructor presentation)
13:30-15:00	QGIS exercise started, session led by Iryna Dronova (Guided self-paced working session)
15:00-15:15	<i>Mentimeter session</i>
15:15-15:30	<i>Break</i>
15:30-16:30	QGIS exercise continued, data extraction & analysis, session led by Iryna Dronova (Guided self-paced working session)
16:30-17:30	QGIS exercise continued, preparing a basic visualization map, session led by Iryna Dronova (Guided self-paced working session)
17:30-17:45	Day 1 recap, Day 2 preview (Presentation and group discussion)
18:00-19:00	Welcome reception

Tuesday 9 September 2025

Developing an initial wetland database

9:00-9:05	Day 2 overview
9:05-9:20	<i>Mentimeter session</i>
9:20-9:45	Introduction to tasks of Day 2 & global wetland datasets by Iryna Dronova (Presentation)
9:45-10:30	Working group session led by Iryna Dronova (Guided self-paced working session)
10:30-10:45	<i>Break</i>
10:45-11:45	Mapping water extent and water surface elevation using the Surface Water and Ocean Topography satellite mission, and comparison of available EO products by Angelica Gomez, National University of Colombia (Presentation) ONLINE

11:45-12:00	Introduction to lightning talk exercise and deliverables for Day 5, by Flore Lafaye de Micheaux (Presentation)
12:00-13:00	<i>Lunch break</i>
13:00-13:15	<i>Mentimeter session</i>
13:15-14:45	Continued exploration of global wetland datasets, led by Iryna Dronova (Guided self-paced working session)
14:45-15:00	<i>Break</i>
15:00-15:45	Continued work on databases & starting the work to prepare lightning talk presentation based on extracted information, working group session led by Iryna Dronova (Guided self-paced working session)
15:45-16:15	Summary of the structured process guidance to consider and use during the EO analyses for the NWI by PJ Stephenson (Presentation) ONLINE
16:15-16:45	Introduction to the importance on basic metadata, and on proper backing up/storage of spatial data, by Anis Guelmami, Tour du Valat ONLINE
16:45-16:55	<i>Break</i>
16:55-17:45	Introduction to the GEO-Wetlands Initiative and its potential to support NWI processes & discussion, session led by Lammert Hilarides, Wetlands International, Marc Paganini, European Space Agency, and Ake Rosenkvist, Japan Aerospace Exploration Agency (Presentation) ONLINE
17:45-18:00	Day 2 recap, preview Day 3

Wednesday 10 September 2025

Navigating gaps & planning towards refinement of NWI data

9:00-9:05	Day 3 overview
9:05-10:05	Synthesis of the insights from database explorations, working group session led by Iryna Dronova (Guided self-paced working session; 30 min for individual country work & 30 min group discussion)
10:05-10:45	Dedicated time for the participants to work on their lightning talk presentations (Guided self-paced working session)
10:45-11:00	<i>Break</i>
11:00-11:30	Leveraging Earth Observation & ancillary data to fill gaps towards completing NWIs by Iryna Dronova (Presentation)
11:30-12:00	Examples of emerging tools for Tier-1 to Tier-3 NWI processes (videos)
12:00-12:10	Day 3 recap and further instructions for lightning talks on Day 5
12:10-13:10	<i>Lunch break</i>
13:10-18:30	Field trip to the mouth of Han River and Janghang Wetland of International Importance guided by Dr. Kim, Su-whan, senior researcher at National Ecology Institute and Dr. Han, Dongwook, chair of Eco Korea (NGO). Presentation on the Korean National Wetland Inventory Earth Observation data management experience by Dr. Lee, Sanghun, Team lead of wetland research, National Ecology Institute (On-site presentation)

Thursday 11 September 2025

Sharing progress & insights/ Addressing common gaps in wetland databases

9:00-9:05	Day 4 overview
9:05-10:15	Synthesis of the common gaps in wetland databases & country-specific issues, session led by Iryna Dronova (Guided self-paced working session)
10:15-10:30	<i>Break</i>

10:30-11:00	Examples of emerging tools for Tier-1 to Tier-3 NWI processes (continued)
11:00-12:00	Working group session 'Comparing notes among peers', led by Flore Lafaye de Micheaux (Guided group activity)
12:00-13:00	<i>Lunch break</i>
13:00-14:00	Finalizing lightning talk preparation (slides) and peer exchanges (Guided self-paced working session led by Iryna Dronova)
14:00-18:00	Field trip to Namdong Reservoir wetland next to the Songdo Tidal Flat Ramsar site, guided by Dr. Yoon, Jongmin, Team lead of Avian Research, National Institute of Ecology and Dr. Kwon Inki, Director of Black-faced Spoonbill Eco Center .

Friday 12 September 2025

Next steps in the NWI and building on the week's progress

9:00-9:10	Day 5 overview, logistics and reminders (short presentation)
9:10-10:00	Lightning talk presentations (first set of 5 countries' talks)
10:00-10:15	<i>Break</i>
10:15-11:00	Lightning talk presentations (second set of 5 countries' talks)
11:00-11:30	Experts' comments, with participation of Max Finlayson, Charles Sturt University and Wooyeong Joo, National Institute of Ecology
11:30-12:00	Feedback from participants & group discussion of technical gaps & needs, discussion led by Iryna Dronova (Group discussion)
12:00-13:00	<i>Lunch break</i>
13:00-14:00	Group discussion of solutions to technical gaps for database development, led by Iryna Dronova (Group discussion)
14:00-15:00	Next steps - Presentation of Module 3 learning objectives & country assignments, led by Flore Lafaye de Micheaux & Robert Godoy Recasens, Secretariat of the Convention on Wetlands (Presentation)
15:00-15:15	<i>Break</i>
15:15-15:45	Feedback survey, led by Robert Godoy Recasens
15:45-16:00	Concluding remarks by Lee, Changsuk, Director of National Institute of Ecology , and Flore Lafaye de Micheaux, Secretariat of the Convention on Wetlands
16:00	Departure to airport