



## IBC on Environment and Climate Change for Europe and Central Asia

### The use of geospatial technologies/ AI for analysis & presentation of the Atlas of Environmental Change – Kyrgyz Republic

26 March 2025 (13:30–14:30, Bishkek) / (08:30-09:30, Geneva/ CET)

#### Background

The United Nations Inter-Agency Issue-Based Coalition (IBC) on Environment and Climate Change for Europe and Central Asia was established in March 2020. The primary purpose of the IBC is to support UN Country Teams in their assistance to programme countries. The IBC consists of 17 members from the UN family: FAO, ILO, IOM, OHCHR, UN Habitat, UN Women, UNDP, UNDRR, UNECE, UNEP, UNESCO, UNFCCC, UNICEF, UNOPS, WFP, WHO and WMO. For more information about the IBC, its membership and its previous meetings, please visit the website.<sup>1</sup>

Following an RCO/UNCT request to the IBC through the Regional Collaborative Platform (RCP), this event allows for expert presentations and detailed discussions around the use of geospatial data / AI for environmental monitoring and assessments. The expert team will brief the UNCT on practical uses of the Atlas and its' underpinning data and GeoPortal.

The specific request from the UNCT relates to '*Regional Climate Data and Early Warning Systems: presenting the best cases of the cross-border climate risk assessment tools and harmonized early warning systems; Supporting the exploration of geospatial technologies and AI for predictive analytics in disaster preparedness.*'

This event will take advantage of the launch of the Atlas in Bishkek and the presence of our Geographical Information System (GIS) expert team. A large part of the meeting is dedicated to discussions enabling UNCT members to explore this topic in much more detail.

Meeting venue	via MS Teams
<b>Dubanaev's Room (1<sup>st</sup> floor)</b>  United Nations System in the Kyrgyz Republic  160 Chuy Ave. Bishkek	<b>Microsoft Teams</b> Need help?  <b>Join the meeting now</b>  Meeting ID: 375 676 922 488  Passcode: Tx2WY67y

**Target audience:** RCO, UNCT and relevant Results Group members - Kyrgyz Republic.

**Language:** English. The meeting will be recorded and with the agenda, uploaded to the IBC webpage as a future resource and record of the event.



**Meeting documents:** The Atlas of Environmental Change will be made available at the meeting in digital format in Russian (English and Kyrgyz language versions will be produced in due course).

**Data and information:** The data collected during the project will be made available to the 3 target countries (Kyrgyz Republic, Tajikistan & Uzbekistan) towards the end of the project which will finish in September 2025. A full set of the data collected and used in the Atlases will also be housed with the project partners in Moscow and then connected to UNEP's World Environment Situation Room (WESR - <https://wesr.unep.org/>). The project team will share the data with the UNCT once the GeoPortal is finalised and the location to publicly access the data and information is agreed with the project stakeholders.

### Provisional Agenda

Time	Agenda item
13:30 – 13:40	<b>Welcome and opening remarks</b> – by Lira Zholdubaeva (UNDP) & IBC core team – Matthew Billot (UNEP) <b>(10mins)</b>
13:40 – 14:00	<p><b>Presentation of the Atlas of Environmental Change</b> including:</p> <ul style="list-style-type: none"> <li>- Introduction to the Atlas project</li> <li>- Use of geospatial data / AI for environmental monitoring and assessments / early warning systems</li> <li>- Transboundary aspects and regional cooperation</li> <li>- Practical uses of the Atlas – focus on Climate change, Disasters and Water</li> <li>- Underpinning data and GeoPortal</li> </ul> <p><i>Nikolai Dronin, Moscow State University (MSU), Vladimir Dekhnich, Moscow State University (MSU) &amp; Andrey Medvedeff, Institute of Geography, Russian Academy of Sciences, (IGRAS) (20mins)</i></p>
14:00 – 14:25	<b>Discussion</b> – moderated by Lira Zholdubaeva (UNDP) & IBC core team – Matthew Billot (UNEP) <b>(25mins)</b>
14:25 – 14:30	<b>Closing remarks</b> – by Lira Zholdubaeva (UNDP) & IBC core team - Jing Fang (UNESCO) <b>(5mins)</b>