



Inter-Agency Coordination Group on
Environmental Assessments for Ukraine

SEMINAR

‘Earth observations of ecosystems damage in Ukraine’

22 March 2024, 10h00 - 13h00 (CET) (online)

Zoom Registration

Please scan the QR code (or access [this link](#)) to register.



Scope of the Seminar and objectives

The seminar will address the question on how satellite observation technologies and knowledge should be used to detect and monitor the impacts of the war in Ukraine on ecosystems.

The broad objectives of the seminar are to:

1. Present available EO approaches/tools/products for detecting impacts in terms of ecosystem extent, condition, and functions.
2. Share information on their limitations, and how to combine them with other tools to increase their relevance and efficiency.
3. Discuss their application in the context of assessments in Ukraine, including for assessing ecosystem services loss, and proposing mitigation actions.

Programme of the event

10h-10h05: Introduction

Welcome and introduction to the Seminar’s objectives (Flore Lafaye de Micheaux, Secretariat of the Convention on Wetlands)

10h05-10h30: Setting the scene

Ukraine’s nature before and through the war (Nickolai Denisov, Zoï Environmental Network)

Forest ecosystems in Ukraine: an overview (Ekrem Yacizi, FAO)

10h30-11h15: Methodologies and approaches

Monitoring wetland extent, conditions, and functions with remote sensing: opportunities, challenges, and the potential of data integration (Iryna Dronova, University of Berkeley)

Innovative methods for forest disturbance and damage assessment (Andrzej Talarczyk, TAXUS IT)

11h15-12h15: Case studies

Presentation of environmental assessments of ecosystem damage using remote sensing approaches – case studies in Ukraine

Typology of incidents resulting in environmental damage (Wim Zwijnenburg, PAX)

Dzharylhach National Nature Park (Eoghan Darbyshire, CEOBS)

Ukrainian Wetlands of international importance (Yves Barthelemy, OBSCOM)

Frontlines as proxies for aerial impact (Nickolai Denisov, Zoï Environmental Network)

12h15-12h50: Panel discussion

Strengths and limitations of Earth observation approaches for assessing ecosystem damage in conflict-prone areas (moderated by Saule Ospanova, OSCE)

12h50: Conclusion

Wrap up and next steps (Nicholas Bonvoisin, UNECE)

Speakers

CEOBS	Eoghan Darbyshire
FAO	Ekrem Yazici
OBSCOM	Yves Barthelemy
PAX	Wim Zwijnenburg
TAXUS IT	Andrzej Talarczyk
University of Berkeley	Iryna Dronova
Zoï Environmental Network	Nickolai Denisov