

Global Webinar on Geospatial and Other Data Sources for Environment Statistics: Assessing the Impact of the Economy on the Environment

Online meeting¹, 21-23 March 2023

Agenda (version of 20 March 2023)

Note: Times are in Greenwich Mean Time / Universal Coordinated Time (GMT/UTC).

Tuesday, 21 March 2023	
Session 1: Opening and Introduction	
Moderator: Ekaterina Poleshchuk, UNEP	
13:00 – 13:15	Housekeeping items – Ekaterina Poleshchuk, UNEP Welcome and opening addresses <ul style="list-style-type: none"> • Brennan Van Dyke Chief of the Capacity Development and Innovation Branch, Early Warning and Assessment Division, UNEP • Angela Me, Chief of the Research and Trends Analysis Branch, Division for Policy Analysis and Public Affairs, UNODC
13:15 – 13:20	Introduction of the Statistics and Data Project “Resilient and agile National Statistical Systems to meet post-COVID-19 data needs to recover better” under the 14th tranche of the United Nations Development Account – Gabriel Gamez, UNSD
13:20 – 13:25	Results of the pre-webinar survey – Ruoxi Li, UNEP
13:25 – 13:35	Q&A
Session 2: Impact of anthropogenic and natural processes on freshwater and marine ecosystems	
Moderator: Ekaterina Poleshchuk, UNEP	
13:35 – 13:40	Introduction – Ekaterina Poleshchuk, UNEP
13:40 – 13:55	Country-owned official statistics as a source for water statistics – Indira Persaud, UNSD Q&A
13:55 – 14:50	Freshwater Ecosystems: <ul style="list-style-type: none"> • Policy introduction – Stuart Crane, UNEP (5 mins) • Alive demo of the Freshwater Ecosystem Explorer reporting data platform – Stuart Crane, UNEP (15 mins) Q&A (10 mins)

¹ The meeting will be held with PLATFORM with English, French and Spanish interpretation.

	<p>Country presentations on using SDG 6.6.1 data application for national planning:</p> <ul style="list-style-type: none"> • Kenya – Andrew Kinyua, Water Quality Monitoring at the Ministry of Water, Sanitation, and Irrigation of Kenya (15 mins) <p>Q&A (10 mins)</p>
14:50 – 15:00	Break
15:00 – 15:55	<p>Marine Ecosystems:</p> <ul style="list-style-type: none"> • Introduction – Emily Smail, GEO Blue Planet Initiative, NOAA, University of Maryland (5 mins) • Marine monitoring needs and challenges in a country example: Uruguay – Virginia Fernández Ramo, Ministry of Environment, Uruguay (10 mins) • Earth observations for marine ecosystem monitoring – Emily Smail (15 mins) • In-situ data collection for coastal satellite remote sensing products in Uruguay – Fernanda Maciel, Facultad de Ingeniería, Universidad de la República, Uruguay (10 mins) <p>Q&A (10 mins)</p>
15:55 – 16:00	Closing remarks – Ekaterina Poleshchuk, UNEP
Wednesday, 22 March 2023	
Session 3: The impact of illegal economies on the environment: monitoring of illegal mineral mining	
Moderator: Coen Bussink, UNODC	
13:00 – 13:05	Introduction – Coen Bussink, UNODC
13:05 – 13:55	<p>Overview:</p> <ul style="list-style-type: none"> • Response Framework on illegal mining – Leonardo Correa, UNODC (10 mins) • Measuring Illicit financial flows in the mining sector: The SDG framework, bilateral trade asymmetries and its link to remote sensing – Carlotta Schuster, UNCTAD (15 mins) • Remote sensing to monitor mineral mining – Jessica DeWitt, USGS (15 mins) <p>Q&A (10 mins)</p>
13:55 – 14:35	<p>Use cases in West Africa:</p> <ul style="list-style-type: none"> • Burkina Faso, Mining detection and uptake of the data – Placide Some (National Institute of Statistics and Demography), Aimé Nongkouni (National Agency for the Supervision of Artisanal and Semi-Mechanized Mines) – 15 mins • Senegal, Detection of mining and its impact on the environment Ndeye Maramé Ngom (Minister of Industry and Mines) – 15 mins <p>Q&A (10 mins)</p>
14:35 – 14:45	Break
14:45 – 15:25	<p>Use cases in South America:</p> <ul style="list-style-type: none"> • Colombia, Monitoring of alluvial gold mining and the use of its data – Nohora Ordoñez (Vice-Ministry of Mining) – 15 mins

	<ul style="list-style-type: none"> • Guyana, Geospatial data integration for monitoring mining and the impact on the environment in Guyana – <i>Rehana Thomas (Ministry of Natural Resources)</i> – 15 mins <p>Q&A (10 mins)</p>
15:25 – 15:55	<p>Panel discussion on the use of geospatial data for illegal mining <i>Moderation: UNODC – 30 mins</i></p>
15:55 – 16:00	<p>Closing remarks – <i>Coen Bussink, UNODC</i></p>
Thursday, 23 March 2023	
Session 4: Domestic Material Consumption as an indicator of economic pressure on the environment	
Moderator: <i>Ekaterina Poleshchuk, UNEP</i>	
13:00 – 13:05	<p>Introduction – <i>Ekaterina Poleshchuk, UNEP</i></p>
13:05 – 13:20	<p>Domestic Material Consumption (DMC) as an important policy indicator – <i>Stephan Moll, Eurostat</i> Q&A</p>
13:20 – 14:10	<p>Available tools to support the calculation of DMC at the country level:</p> <ul style="list-style-type: none"> • General overview – <i>Ekaterina Poleshchuk, UNEP (5 mins)</i> • Eurostat guidelines and questionnaires – <i>Stephan Moll, Eurostat (10 mins)</i> • The Global MFA Manual <i>The Use of Natural Resources in the Economy: A Global Manual on Economy Wide Material Flow Accounting</i> – <i>Sophia Leticia Groll, UNEP (5 mins)</i> • Online course on Domestic Extraction for EW-MFA – <i>Sophia Leticia Groll, UNEP (5 mins)</i> • EW-MFA Compiler – <i>Ekaterina Poleshchuk, UNEP (10 mins)</i> <p>Q&A (15 mins)</p>
14:10 – 14:20	<i>Break</i>
14:20 – 14:35	<p>SDG indicator 8.4.2/12.2.2 and UNEP Questionnaire on EW-MFA for these SDG indicators – <i>Dany Ghafari, UNEP</i> Q&A</p>
14:35 – 15:05	<p>Calculation of DMC using EW-MFA at the country level:</p> <ul style="list-style-type: none"> • Global estimation provided for countries – <i>James West, CSIRO Land and Water, Sustainability Pathways Program, Australia (10 mins)</i> • Validating the Economy-wide Material Flow Accounts (EW-MFA) in Namibia – <i>Vistorina M.M Nambundunga, Namibia Statistic Agency (10 mins)</i> <p>Q&A (10 mins)</p>
15:05 – 15:40	<p>Panel discussion on the advantages and disadvantages of the DMC methodology – <i>Stephan Moll (Eurostat), Sophia Leticia Groll (UNEP), Ezekiel N. Kambonde (Namibia Statistic Agency)</i> Open discussion</p>
15:40 – 15:45	<p>Closing remarks – <i>Ekaterina Poleshchuk, UNEP</i></p>

Session 5: Conclusions

Moderators: Ekaterina Poleshchuk from UNEP, and Coen Bussink from UNODC

15:45 – 16:00

- **Importance of Institutional Cooperation and Governance** – *Gabriel Gamez, UNSD (8 mins)*
- **Main conclusions** – *Ekaterina Poleshchuk (UNEP) and Coen Bussink (UNODC)*

Closing of the Webinar