



© contains modified Copernicus Sentinel data (2018), processed by ESA, CC BY-SA 3.0 ICG

Sharefair | **GEOSPATIAL TOOLS AND APPLICATIONS  
FOR CLIMATE INVESTMENTS**

**9 November** | 16:30 – 18:00 GMT | 17:30 - 19:00 CET

Live from IFAD COP26 Pavilion, Blue Zone  
and via Zoom and YouTube



**Date:** Tuesday, 9 November

**Time:** 16:30 to 18:00 GMT

**Place:** Virtual and in-person in Glasgow

**Registration:** <https://bit.ly/3GIIXkv>

As changing climates affect farming conditions across the world, how can geospatial and remote sensing tools help IFAD and others decide on where adaptation investments are best needed and what impact these interventions will have?

Considering such issues will be representatives from the Government of Indonesia, IFAD’s Senior Management, representatives from the UN Rome Based Agencies, and the European Space Agency; to be followed by a “ShareFair” - a virtual ideas marketplace – where participants will learn more about geospatial tools for targeting, assessing vulnerability, and accessing geodata; and their real life applications on, for example, pasture conditions in Kyrgyzstan, vulnerability assessments in Yemen, and soil erosion in Lesotho.

#### Event contributors

- Adaptation for Small Holders in Hilly Areas (ASHA) Project
- Community Development and Investment Agency (ARIS)
- Conservation International
- European Space Agency (ESA)
- Food and Agriculture Organization of the United Nations (FAO)
- GMV
- Government of Indonesia
- World Agroforestry Centre (ICRAF), CGIAR
- World Food Programme (WFP)

Contact Gladys Morales ([g.moralesguevara@ifad.org](mailto:g.moralesguevara@ifad.org)) and Oliver Mundy ([o.mundy@ifad.org](mailto:o.mundy@ifad.org)) for any queries.

**SHARE FAIR “GEOSPATIAL TOOLS AND APPLICATIONS FOR CLIMATE INVESTMENTS” AGENDA**

*Live from Glasgow moderator:* Gladys H. Morales, Senior Innovation Adviser, Change, Delivery and Innovation Unit (CDI), IFAD

**HIGH – LEVEL PANEL**

Time	Item
16:32-16:36	<b>Opening remarks</b>
16:32-16:36	<b>Dominik Ziller</b> , Vice President, IFAD
16:37-16:55	<b>Keynote speeches: Using geospatial to support climate action</b>
16:37-16:42	<b>Ruandha Agung Sugardiman</b> , Director General of Forestry Planning and Environment Management, Ministry of Environment and Forestry, Indonesia <i>Live from Glasgow</i>
16:43-16:50	<b>Jyotsna Puri</b> , Associate Vice President, Strategy and Knowledge Department, IFAD <i>Live from Glasgow</i>
16:51-17:02	<b>Launching the ShareFair</b>
16:51-16:56	<b>Máximo Torero</b> , Chief Economist, Food and Agriculture Organization of the United Nations (FAO)
16:57-17:02	<b>Maurice Borgeaud</b> , Head of the Science, Applications and Climate Department, European Space Agency (ESA)
17:02 – 17:05	<b>RIBBON CUTTING CEREMONY: High-Level Representatives</b> <i>Live from Glasgow</i>

**SHARE-FAIR OF GEOSPATIAL TOOLS AND CASE STUDIES**

*Virtual moderator:* Oliver Mundy, Technical Specialist, CDI, IFAD

Time	Item
17:05-17:30	<b>Geospatial tools to design, monitor and assess climate investments</b>
17:05-17:10	Overview of breakout rooms
17:10-17:30	Breakout rooms with two short tool demonstrations each
Breakout Room 1 <i>Live from Glasgow</i>	<ul style="list-style-type: none"> <li>GeoTech4Tenure: Learning programme for participatory methods and geomatics. <b>Harold Liversage</b>. Lead Global Technical Specialist on Land Tenure, PMI, IFAD</li> <li>The Global Agro-Ecological Zoning platform: The future of crop production. <b>Gianluca Franceschini</b>. Senior Geospatial Data Scientist, FAO</li> </ul>
Breakout Room 2 Zoom	<ul style="list-style-type: none"> <li>Earth Map: tool for complex land monitoring. <b>Alfonso Sánchez Paus Díaz</b>. Land Monitoring Specialist, FAO</li> <li>Resilience design and monitoring tool. <b>Francesco Ajena</b>. Resilience Consultant, PMI, IFAD</li> </ul>
Breakout Room 3 Zoom	<ul style="list-style-type: none"> <li>GeoM&amp;E: Systematic integration of GIS in monitoring and evaluation. <b>Athur Mabiso</b>. Senior Economist, RIA, IFAD</li> <li>Hand-in-Hand Geospatial Platform. <b>Karl Morteo</b>. Information Systems Manager, FAO</li> </ul>
Breakout Room 4 Zoom	<ul style="list-style-type: none"> <li>Trends.Earth: Tool for tracking land change. <b>Tom Kiptenai</b>. Remote Sensing Analyst, Conservation International</li> <li>GeoScan: Spatial data country profiles. <b>David Hughes</b>. ICT Solutions Coordinator and <b>Lyubomir Filipov</b>. GIS consultant, ICT, IFAD</li> </ul>
Breakout Room 5 Zoom	<ul style="list-style-type: none"> <li>GeoAdapt: Climate vulnerability assessment tool. <b>Michelle Latham</b>. Geospatial Content Consultant, IFAD &amp; WFP</li> <li>SEPAL: A big-data platform for forest and land monitoring. <b>Yelena Finegold</b>. Forestry Officer, FAO</li> </ul>
17:30-17:56	<b>Case studies on geospatial applications in climate investments</b>
17:30-17:35	Overview of breakout rooms
17:35-17:55	Breakout rooms with two short case study presentations each
Breakout Room 1 <i>Live from Glasgow</i>	<ul style="list-style-type: none"> <li>Nepal: GIS-supported and community-based adaptation planning. <b>Binod Prasad Devkota</b>. Project Coordinator, Asha Project</li> <li>Central Asia: Building pastoral communities’ climate resilience. <b>Carlos Domenech</b>. Senior Manager Climate Change and Sustainability Services, GMV</li> </ul>
Breakout Room 2 Zoom	<ul style="list-style-type: none"> <li>Targeting the poor and people vulnerable to climate change in Latin America. <b>Jose Caceres Martinez</b>. Country Technical Analyst, PMI, IFAD</li> <li>Supporting resilient food systems in sub-Saharan Africa. <b>Everline Ndenga</b>. Technical Manager, Monitoring and Assessment, Conservation International</li> </ul>
Breakout Room 3 Zoom	<ul style="list-style-type: none"> <li>Addressing climate concerns in project design. <b>Renaud Colmant</b>. Environment and Climate Officer, NEN, IFAD</li> <li>Kyrgyzstan: Community mapping of pastures. <b>Erik Zheentaev</b>. GIS Expert, ARIS; <b>Nagima Alimbekova</b>. GIS specialist, APIU</li> </ul>
Breakout Room 4 Zoom	<ul style="list-style-type: none"> <li>Yemen project design: Overcoming COVID-19 and conflict constraints using GIS. <b>Giancarlo Pini</b>. Climate and Earth Observation Analyst, WFP</li> <li>Rwanda: Uncovering the impact of climate and weather variables on coffee. <b>Athur Mabiso</b>. Senior Economist, RIA, IFAD</li> </ul>
Breakout Room 5 Zoom	<ul style="list-style-type: none"> <li>Sierra Leone: Fighting fires with rice paddies. <b>Asti Asoka</b>. GIS Consultant, IFAD</li> <li>Lesotho rangeland health dashboard for climate resilient rangeland management. <b>Tor-Gunnar Vågen</b>. Principal Scientist, World Agroforestry Centre, ICRAF, CGIAR</li> </ul>
17:56-18:00	<b>Summary remarks</b>
17:56-18:00	<b>Gladys H. Morales</b> , Senior Innovation Adviser, CDI, IFAD