



# NATIONAL FOREST MONITORING SYSTEMS FOR REDD+ REPORTING CAPACITY BUILDING WORKSHOP

28 NOVEMBER – 2 DECEMBER, 2016  
FAO HEADQUARTERS, ROME, ITALY

INTERPRETATION WILL BE PROVIDED IN  
ENGLISH, FRENCH, RUSSIAN AND SPANISH

| MONDAY 28/11  |   | IRAQ ROOM (2 <sup>ND</sup> FLOOR BETWEEN BUILDING A AND B)   |
|---------------|---|--|
| 08:00-08:30   | Workshop registration   | -  |
| 08:30-08:45   | Workshop and agenda presentation  | <b>Danilo Mollicone/Giulio Marchi</b><br><b>Lauren Flejzor</b><br>Programme Coordinator, Forestry<br>Department, FAO   |
| 08:45-09:00   | Opening address   | <b>[IKI officer, TBC]</b><br>International Climate Initiative of the<br>German Ministry of Environment,<br>BMUB  |
| 09:00-09:30   | Brief introduction to the International Climate Initiative (IKI): project<br>context, objective and outcomes                                  | <b>Karen Ortega</b><br>Programme Officer, UNFCCC   |
| 09:30-10:00   | Updates on Paris agreement and new reporting requirements for Non-<br>Annex I Parties for particular reference to land use related activities | <b>Danilo Mollicone</b><br>Forestry Officer and Project Lead<br>Technical Officer, Forestry<br>Department, FAO   |
| 10:00-10:30   | Support to forest and land use monitoring under UNFCCC: Open Foris<br>and the capacity development perspective                                |  |
| 10:30-11:00   |   | BREAK  |
| 11:00-11:30   | New development of TerraAmazon  | <b>Lúbia Vinhas</b><br>Chief of Image Processing Division,<br>National Institute for Space Research<br>of Brazil, INPE   |
| 11:30-12:00   | Current status and future development of Collect Earth  | <b>Giulio Marchi</b><br>Geospatial Forestry Officer, Forestry<br>Department, FAO   |
| 12:00-12:30   | Papua New Guinea: Collect Earth case study  | <b>Elizabeth Kaidong</b><br>PNG Forest Authority, Papua New<br>Guinea  |
| 12:30-14:00   |   | LUNCH BREAK  |
| 14:00-16:00   | "Discovery Day": Spatial Data Infrastructure in support of good land<br>governance  | (SHEIKH ZAYED CENTRE, ATRIUM)<br><b>See Discovery Day Agenda</b>   |
| TUESDAY 29/11 |   | IRAQ ROOM (2 <sup>ND</sup> FLOOR BETWEEN BUILDING A AND B)   |
| 08:30-09:00   | Google Earth Engine introduction  | <b>Gino Miceli</b><br>Senior Software Engineer, Google   |
| 09:00-10:30   | Google Earth Engine hands-on training (sample cases, questions and<br>answers)  | <b>Alfonso Sánchez-Paus Díaz and</b><br><b>Marcelo Rezende</b><br>Collect Earth Product Manager and<br>Geospatial Analyst and Trainer,<br>Forestry Department, FAO |
| 10:30-11:00   |   | BREAK  |



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|--------------------|---|
| 11:00-12:30        | Google Earth Engine hands-on training (sample cases, questions and answers) |
| 12:30-13:00        | Google Earth Engine training conclusion, questions and answers              |
| <b>13:00-14:30</b> | <b>LUNCH BREAK</b>  |

**Alfonso Sánchez-Paus Díaz and  
Marcelo Rezende**

Collect Earth Product Manager and  
Geospatial Analyst and Trainer,  
Forestry Department, FAO

**Collect Earth Team**

|             |                                |
|-------------|--------------------------------|
| 14:30-14:50 | Country presentation – Morocco |
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**Abdelmoula Lefhaili**

Ingénieur en chef au Service des  
Etudes et de l'Inventaire Forestier  
National (High Commissioner for  
Water and Forestry and for the Fight  
against Desertification, Morocco)

**Kamel Aloui**

Ingénieur Principal Eaux et Forêts  
Chef de service : Inventaire et  
Evaluation, Direction Générale des  
Forêts, Tunisie

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| 14:50-15:10 | Country presentation – Tunisia |
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**Wahid Tefiani**

Chef de Bureau des Etudes  
d'Aménagement Forestier, Direction  
Générale des forêts, Algeria

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|-------------|---|
| 15:10-15:30 | Country presentation – Algeria : Système de surveillance des forêts pour un processus REDD+ transparent et vérifiable - Collect Earth - Utilité et perspectives |
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**Francesco Tubiello**

Senior Statistician, Statistics Division,  
FAO

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|-------------|--|
| 15:30-16:00 | Database for emissions reporting at Tier 1 |
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**Venera Surappaeva**

State Agency on Environment  
Protection and Forestry (SAEPF),  
Kyrgyzstan

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| 16:00-16:20 | Country presentation – Kyrgyzstan |
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**Madibron Saidov**

Director of Forestry, Tajikistan

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| 16:20-16:40 | Country presentation – Tajikistan: Land-Use and Forest Monitoring |
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**Lobzang Dorji**

Chief Forest Officer, Forest  
Resources Management Division  
(FRMD), Bhutan

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| 16:40-17:00 | Country presentation – Bhutan |
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**Adia Bey**

Geospatial Analyst and Trainer,  
Forestry Department, FAO

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|-------------|--------------------------|
| 17:00-17:30 | Country cases discussion |
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**18:00-19:30 SOCIAL EVENT (AVENTINO ROOM, 8TH FLOOR)**

**WEDNESDAY 30/11**

**KING FAISAL ROOM (D223)**

|             |  |
|-------------|--|
| 08:30-09:00 | UNFCCC capacity development initiative for Greenhouse Gas national inventories   |
| 09:00-09:30 | Land use representation and Greenhouse Gas national inventories  |
| 09:30-10:00 | The MICCA programme countries' support for MRV of GHG emissions and removals in the AFOLU sector: national GHG inventories preparation and their QA and verification |
| 10:00-10:30 | SEPAL, System for Earth observation, data access, Processing and Analysis for Land monitoring  |

**Nalin Srivastava**

Programme Officer, UNFCCC

**Valentyna Slivinska**

GHG Inventory Expert, Forestry  
Department, FAO

**Martial Bernoux**

Natural Resources Officer, FAO

**Erik Lindquist**

Forestry Officer, Forestry  
Department, FAO

**10:30-11:00 BREAK**

|             |   |
|-------------|---|
| 11:00-11:30 | Hands-on training on Open Foris Collect |
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**Stefano Ricci/Alfonso Sánchez-Paus Díaz**





|                    |  |  |
|--------------------|--|--|
|                    |  | Collect Earth Product Manager/Open Foris Lead Developer, Forestry Department, FAO<br><b>Daniel Wiel/Stefano Ricci</b><br>Field Survey Specialists, Forestry Department, FAO<br><b>Cosimo Togna</b><br>Lead Developer of Open Foris Calc, Forestry Department, FAO<br><b>Marcelo Rezende</b><br>Geospatial Analyst and Trainer, Forestry Department, FAO  |
| 11:30-12:00        | Introduction to Open Foris Collect Mobile  |  |
| 12:00-12:30        | Introduction to Open Foris Calc  |  |
| 12:30-13:00        | Other applications of Collect Earth  |  |
| <b>13:00-14:30</b> | <b>LUNCH BREAK</b>   |  |
| 14:30-14:50        | Country presentation – Argentina: Sistema Nacional de Monitoreo de Bosques Nativos de la República Argentina                   | <b>Florencia Chomnalez and María Gabriela Parmuchi</b><br>Unidad de Manejo del Sistema de Evaluación Forestal (UMSEF) - Dirección de Bosques - Ministerio de Ambiente y Desarrollo Sustentable - Argentina<br><b>María Verónica Oyarzún</b><br>Director of Departamento Monitoreo de Ecosistemas Forestales, CONAF, Chile<br><b>Nelissa Maria B. Rocas</b><br>Senior Forest Management Specialist, Senior Forest Management Specialist, Forest Management Bureau (FMB), Department of Environment and Natural Resources (DENR), Philippines<br><b>Fabio Pastorella</b><br>Thünen Institute of Forest Ecosystems, Germany |
| 14:50-15:10        | Country presentation – Chile: Uso de Collect Earth en control de monitoreo de cambios del catastro del Bosque Nativo en Chile  |  |
| 15:10-15:30        | Country presentation – Philippines: National Forest Monitoring Program: Potentials of Collect Earth Application in Philippines |  |
| 15:30-15:50        | Application of Land-Use Change Information for GHG reporting - The use case of RRR+ Project                                    |  |
| 15:50-16:10        | Using Collect Earth to disentangle the effect of management and environment on tree cover and density of African savannas      | <b>Fabio Attorre</b><br>Professor, La Sapienza University, Italy and<br><b>Bruno Nhancale</b><br>Local scientific coordinator of SECOSUD, Eduardo Mondlane University, Mozambique  |
| 16:10-16:30        | Country presentation – Mozambique: MRV roadmap in Mozambique   | <b>Ivan Abdul Dula Remane</b><br>MRV Focal Point, Mozambique   |
| 16:30-16:50        | Country presentation – Uruguay: Sistema Nacional de Información y Monitoreo Forestal para un REDD+ Veráz y Transparente        | <b>Miguel Gonzalez Carlos</b><br>Ingeniero Agronomo, División Evaluación e Información, Uruguay  |
| 16:50-17:10        | Country presentation – Ghana   | <b>Yakubu Mohammed</b><br>Forestry Comission, Ghana  |
| 17:10-17:30        | Country cases discussion   | <b>Adia Bey</b><br>Geospatial Analyst and Trainer, Forestry Department, FAO  |





**THURSDAY 1/12**

**KING FAISAL ROOM (D223)**

- 08:30-09:30 Global Assessment outputs toward the release of the LOUD data (Land Use Open Data)
- 09:30-10:00 Trees, forests and land use in drylands: The first global assessment
- 10:00-10:30 Drylands data: land restoration opportunities in the Great Green Wall area

**Danilo Mollicone**  
Forestry Officer and Project Lead  
Technical Officer, Forestry  
Department, FAO  
**Chiara Patriarca**  
Forestry Department, FAO  
**Nora Berrahmouni**  
Forestry Officer, Forestry  
Department, FAO

**10:30-11:00** BREAK

- 11:00-11:20 Country presentation - Laos
- 11:20-11:40 Country presentation – Kenya: SLEEK programme

**Soukanh Bounthabandit**  
Deputy Director of Forest Inventory  
and Planning Division, Ministry of  
Agriculture and Forestry, Lao PDR  
**Ali Mwanzei**  
System for Land-based Emissions  
Estimation in Kenya (SLEEK),  
Ministry of Environment and NR

- 11:40-12:10 Land Cover for Climate (LC4Climate)

**Beverly Friesen**  
Former Senior Manager, U.S.  
Geological Survey  
**Jean Parcher**  
Former Senior Project Manager, US  
Geological Survey and US  
Department of Interior

- 12:10-12:40 NASA SERVIR mission to support land monitoring in developing countries

**Eric Anderson (remote)**  
SERVIR-Mekong Regional Science  
Coordination Co-Lead and Water  
Related Disaster Thematic Service  
Area Lead, NASA SERVIR  
**Inge Jonckheere,**  
Forestry Officer, Forestry  
Department, FAO

- 12:40-13:00 UNREDD: Present and Future

**13:00-14:30** LUNCH BREAK

- 14:30-16:30 Project new phase planning
- 16:30-17:00 Workshop final address
- 17:00-17:30 Workshop conclusion

**Plenary discussion moderated by  
Danilo Mollicone**  
Forestry Officer and Project Lead  
Technical Officer, Forestry  
Department, FAO  
**Douglas Muchoney**  
Chief, Policy and Resources, Forestry  
Department, FAO  
**Danilo Mollicone**  
Forestry Officer and Project Lead  
Technical Officer, Forestry  
Department, FAO



| <b>FRIDAY 2/12</b> | <b>CUBA ROOM (B224), FOA E-LAB (C762)<br/>(WITHOUT INTERPRETATION) AND TCI MEETING<br/>ROOM D532 (MORNING ONLY)</b> | <b>KING FAISAL ROOM (D223)<br/>(WITHOUT INTERPRETATION)</b> |
|--------------------|---|---|
| 08:30-09:00        |   |   |
| 09:00-09:30        | Individual country meetings to plan future activities   | Collect Earth full day training                             |
| 09:30-10:00        |   |   |
| 10:00-10:30        |   |   |
| <b>10:00-10:30</b> | <b>BREAK</b>  | <b>BREAK</b>  |
| 11:00-11:30        |   |   |
| 11:30-12:00        | Individual country meetings to plan future activities   | Collect Earth full day training                             |
| 12:00-12:30        |   |   |
| 12:30-13:00        |   |   |
| <b>13:00-14:30</b> | <b>LUNCH BREAK</b>  | <b>LUNCH BREAK</b>  |
| 14:30-15:00        |   |   |
| 15:00-15:30        |   |   |
| 15:30-16:00        | Individual country meetings to plan future activities   | Collect Earth full day training                             |
| 16:00-16:30        |   |   |
| 16:30-17:00        |   |   |
| 17:00-17:30        |   |   |

PLEASE BRING A LAPTOP AND SIGN UP AS EARTH ENGINE DEVELOPER AT LEAST THREE DAYS IN ADVANCE:  
 - [HTTPS://EARTHENGINE.GOOGLE.COM/SIGNUP](https://earthengine.google.com/signup)  
 - SPECIFY "COLLECT EARTH TRAINING" IN THE DESCRIPTION