Introduction and objectives

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Outline

Background information on REDD+

Project goal and activities

Workshop objectives

Background information on REDD+

Reducing

Emissions from

Deforestation and forest

Degradation

+ Conservation of forest carbon stocks,

Sustainable management of forests,

Enhancement of forest carbon stocks

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REDD+ and the UN-REDD Programme

United Nations Framework Convention on Climate Change

REDD+ is a climate change mitigation solution being developed by Parties to the United Nations Framework Convention on Climate Change (UNFCCC).

REDD+ incentivizes developing countries to keep their forests standing by offering results-based payments for actions to reduce or remove forest carbon emissions.

The UN-REDD Programme assists countries to develop the capacities needed to meet the UNFCCC's REDD+ requirements, so that they can qualify to receive results-based payments under the Convention.

The UN-REDD Programme supports nationally-led REDD+ processes and promotes the informed and meaningful involvement of all stakeholders, including indigenous peoples and other forest-dependent communities.

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Un Environment World Conservation Monitoring Centre (UNEP-WCMC)

- Provide support to UN-REDD partner countries on benefits beyond carbon and safeguards

- Close collaboration with in-country partners (FAO and UNDP)

- Focus on capacity building and participatory approaches

Overview of the project

"Under the overall guidance of FDA and in coordination with WRI to enable the inclusion of multiple benefits in REDD+ planning decision making in Liberia by building technical capacity of key GIS staff on spatial data analysis and mapping for land use planning support using open-source GIS software"

Activities

Build capacity for REDD+ spatial planning in Liberia

1. Deliver 2 training sessions in Monrovia for the national GIS Working Group, and support presentation of their results to the wider GIS Working Group

2. Develop a briefing with recommendations on the next steps for spatial analysis for Liberia's REDD+ planning.

First working session

- Introduction to REDD+ and the use of spatial analyses in supporting REDD+ planning

- Introduction to QGIS, including practical exercises

- Mapping of deforestation and forest degradation drivers

- Overview of REDD+ benefits and risks

- Using data and tools to map biodiversity and hydrological services

- Overlaying and combining benefits layers

- Overview of spatial workflow to identify priority areas for REDD+ interventions.

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Workshop objectives and activities

- Enable GIS practitioners to use field data to analyse and validate data collected and generated at different spatial scales

- Use spatial workflows to identify areas where to implement specific interventions for REDD+

Specific learning objectives

Understand different types of spatial data (from field to derived datasets, as well as their scale format and resolution), their limitations, use and validation using QGIS tools;

Learn how field data related to land cover can be collected and analysed using QGIS;

Learn how to develop spatial workflows using QGIS graphical modeller, and identify priority areas for the implementation of potential REDD+ interventions;

Learn how to generate effective maps for decision makers using different approaches to present the data

Field session

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Thank you!

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