

UN-REDD PROGRAMME



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Technical working sessions on spatial planning for REDD+ multiple benefits to support decision- making and land-use planning in Papua New Guinea

Agenda

UN-REDD PROGRAMME

15 – 18 August, 2017

Port Moresby, Papua New Guinea

1. Background

While the main purpose of REDD+ is to contribute to climate change mitigation, it is widely recognised that REDD+ also has the potential to deliver additional social and environmental benefits, such as conservation of biodiversity and ecosystem services and/or promoting local livelihoods. Recognizing this, the Paris Agreement encourages country Parties to implement the UNFCCC framework for REDD+, “while reaffirming the importance of incentivizing, as appropriate, non-carbon benefits associated with such approaches” (Article 5.2). In line with this, PNG’s vision for REDD+ states that it aims to strengthen “long term economic growth and **community livelihoods** and **the effective conservation of biodiversity and ecosystem services** while ensuring that Papua New Guinea’s forest resources are used in a sustainable and equitable manner for the benefit of current and future generations”.

In order to address this, it is necessary to ensure that the design of REDD+ strategy options takes account of the potential for carbon and non-carbon benefits of the different options. This can be implemented by identifying appropriate locations where REDD+ actions might be particularly helpful in achieving the desired benefits at low risk; as the potential benefits of implementing REDD+ strategy options are influenced by a range of location-specific factors, including biophysical, socio-economic and cultural characteristics. This could be carried out by drawing on spatial information on the drivers of deforestation and forest degradation, and spatial analysis of the feasibility, potential benefits and risks of the different options.

The inception workshop outlined below is part of a joint activity under the UN-REDD Programme, being implemented by the Climate Change Development Authority (CCDA) and UN Environment World Conservation Monitoring Centre (UNEP-WCMC). The activity aims to support the explicit integration of these multiple benefits into PNG’s national REDD+ strategy and planning processes by using available secondary spatial data from national and global sources to, through spatial analysis techniques, produce maps to provide information to decision makers on how REDD+ actions can be designed to deliver multiple benefits, in support of PNG’s vision for REDD+.

1.2. Objectives

- to increase the awareness of the importance of integrating multiple benefits and safeguards in REDD+ planning among key national technical staff.
- to develop a set of spatial analysis of potential non-carbon benefits of REDD+ to inform the design and future implementation of REDD+ strategy options in PNG.
- to strengthen the capacity of national GIS technical staff in the application of spatial analysis techniques to support REDD+ land use decision making using open-source software.

1.3. Date and Location

From 15 to 18th August, 2017. GIS Lab of the Department of Environmental Sciences and Geography, University of Papua New Guinea, UNIVERSITY 134, National Capital District

1.4 Agenda

Day 1

TIME	ITEM	PRESENTER
9:00 – 09:15	Welcoming remarks	Gwen Sissiou (CCDA)
9:15 – 9:30	Self-introduction by workshop participants. Distribution of workshop materials	
9:30 – 10:00	Introduction to REDD+ in PNG. State of the REDD+ readiness process.	Sonia Baine (CCDA)
10:00 – 10:30	What are the multiple benefits of REDD+? The role of spatial information to integrate them in REDD+ planning	Xavier de Lamo (UNEP-WCMC)
10:30 – 11:00	Overview of the agenda and objectives	Xavier de Lamo (UNEP-WCMC)
<i>11:00 – 11:30</i>	<i>Coffee/tea break</i>	
11:30 – 12:30	Group exercise: REDD+ benefits & risks, and prioritising areas for REDD+ actions	Facilitators: Andy Arnell & Xavier de Lamo (UNEP-WCMC)
12:30 – 13:00	Report back of the results of the group exercise	
<i>13:00 – 14:00</i>	<i>Lunch</i>	
14:00 – 15:30	Using carbon stocks data to map potential REDD+ climate change mitigation benefits <i>In this activity, workshop participants will use secondary information on biomass carbon data to map potential climate change mitigation benefits in PNG and will use cartographic capabilities of QGIS' Map Composer to present the results in an accessible and attractive format to users.</i>	Xavier de Lamo (UNEP-WCMC)
<i>15:30 – 16:00</i>	<i>Coffee/tea break</i>	
16:00 – 17:30	Using carbon stocks data to map potential REDD+ climate change mitigation benefits. (continuation)	Xavier de Lamo (UNEP-WCMC)

Day 2

TIME	ITEM	PRESENTER
9:00 – 09:15	Recap of previous day	
9:15 – 9:45	Introduction to biodiversity conservation and REDD+.	Xavier de Lamo (UNEP-WCMC)
9:30 – 11:00	Spatial analysis to identify important areas to achieve biodiversity benefits through REDD+ <i>In this activity, workshop participants will use IUCN Red List data and other relevant datasets to identify areas where REDD+ activities could deliver highest biodiversity benefits in PNG.</i>	Andy Arnell (UNEP-WCMC)
	<i>Coffee/tea break</i>	
11:30 – 13:00	Spatial analysis to identify important areas to achieve biodiversity benefits through REDD+ (continuation)	Andy Arnell (UNEP-WCMC)
<i>13:00 – 14:00</i>	<i>Lunch</i>	
14:00 – 15:30	Spatial analysis to identify important areas to achieve biodiversity benefits through REDD+ (continuation)	Andy Arnell (UNEP-WCMC)
<i>15:30 – 16:00</i>	<i>Coffee/tea break</i>	
16:00 – 17:30	Spatial analysis to identify important areas to achieve biodiversity benefits through REDD+ (continuation)	Andy Arnell (UNEP-WCMC)

Day 3

TIME	ITEM	PRESENTER
09:00 – 09:15	Recap of previous day	
09:15 – 11:00	Spatial analysis to identify important areas to achieve soil conservation benefits through REDD+. <i>In this activity, workshop participants will apply a methodology to identify areas where REDD+ activities could deliver highest soil erosion control benefits in PNG.</i>	Xavier de Lamo (UNEP-WCMC)
<i>11:00 – 11:30</i>	<i>Coffee/tea break</i>	
11:30 – 13:00	Spatial analysis to identify important areas to achieve soil conservation benefits through REDD+ (continuation)	Xavier de Lamo (UNEP-WCMC)
<i>13:00 – 14:00</i>	<i>Lunch</i>	
14:00 – 15:30	Spatial analysis to identify important areas to achieve soil conservation benefits through REDD+ (continuation)	Andy Arnell (UNEP-WCMC)
<i>15:30 – 16:00</i>	<i>Coffee/tea break</i>	
16:00 – 17:30	Spatial analysis to identify important areas to achieve soil conservation benefits through REDD+ (continuation)	Andy Arnell (UNEP-WCMC)

Day 4

TIME	ITEM	PRESENTER
09:00 – 09:15	Recap of previous day	
09:15 – 11:00	Identify areas of spatial congruence of multiple non-carbon REDD+ benefits in PNG <i>In this activity, workshop participants will apply several spatial analysis techniques to combine the layers produced in the previous days and produce cartographic outputs in a suitable form for REDD+ planning</i>	Andy Arnell (UNEP-WCMC)
<i>11:00 – 11:30</i>	<i>Coffee/tea break</i>	
11:30 – 13:00	Identify areas of spatial congruence of multiple non-carbon REDD+ benefits in PNG (continuation)	Andy Arnell (UNEP-WCMC)
<i>13:00 – 14:00</i>	<i>Lunch</i>	
14:00 – 15:30	Identify areas of spatial congruence of multiple non-carbon REDD+ benefits in PNG (continuation)	Xavier de Lamo (UNEP-WCMC)
<i>15:30 – 16:00</i>	<i>Coffee/tea break</i>	
16:00 – 17:00	Identify areas of spatial congruence of multiple non-carbon REDD+ benefits in PNG (continuation)	Xavier de Lamo (UNEP-WCMC)
17:00 – 17:30	Wrap-up session	