





Developing a framework and methodology to carbon sinks from the forestry sector in Samoa

Deliverable 3.8_Minute of the Model Testing Workshop

Section 5 Technical Workshops and producing manuals

1. Holding a technical support workshop on land use classification-forest carbon calculation technology

○ In this workshop, a workshop on land use classification and forest carbon calculation technology was held for approximately 30 forest and spatial information practitioners and technicians for approximately 1 hour (Figures 27, 28).

Workshop on Land cover mapping using Earth Observation data and Survey for Forest Carbon Assessment in Samoa

Venue: Apia, Samoa, 4 August 2023

Provisional Programme

4 August, Friday

Session 1: Opening Session	
09:30 - 10:00	● Registration
10:00 - 10:05	● Overview of the CTCN TA project and expected outcomes ✓ Ms. Moon-Jung Kang, Senior Researcher, NIGT
10:05 - 10:10	● Introduction of Korea University ✓ Mr. Younghan Son, Professor, Korea University, Department of Environmental Science & Ecological Engineering
Session 2: Workshop	
10:10 - 10:30	● How to Build National Inventory using Earth Observation: Focusing on Forest and Land-use Classification ✓ Mr. Younjin Ko, Ph.D Student, Korea University
10:30 - 10:50	● Survey for Forest biomass and Carbon stock Assessment ✓ Mr. Gwangjung Kim, Ph.D Student, Korea University
10:50 - 11:00	✓ Group Photo / Closing remarks

Land use classification and forest carbon estimation technology workshop

1.

- NIGT gave a presentation on the topic 'CTCN Technical Assistance for Developing a framework and methodology to carbon sinks from the forestry sector using earth observation in samoa' and mentioned the overall task description and the need for REDD+.

- Korea University started with education and research support projects such as a graduate school specializing in carbon sinks and an autonomous management research center, and conducted a presentation divided into two parts, including land use classification and forest carbon calculation.
- A presentation was given under the theme 'How to Build National Inventory using Earth Observation: Focusing on forest and Land-use Classification' and the importance of sharing primary cover analysis results and data management was mentioned.
- In addition, a presentation was made under the theme of 'Survey for Forest biomass and carbon stock assessment' and introduced methods for collecting samples by type and estimating carbon storage for carbon storage such as forest biomass, soil, fallen leaf layer, and dead wood.



Land use classification and forest carbon estimation technology workshop 2

2. Production of a land use classification-forest carbon calculation technology utilization manual

- The goal is to produce a manual on technical support items for forest carbon calculation conducted at the workshop, share it with stakeholders who were unable to participate, and distribute it to strengthen the capacity of practitioners and technicians to estimate carbon storage on their own.
- Based on the data presented at the workshop, we plan to produce a manual including methods for estimating forest carbon storage.



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