



Department of Environment and Natural Resources
Ecosystems Research and Development Bureau

March 22, 2022

MEMORANDUM

FOR : All Regional Executive Directors

FROM : The Director

SUBJECT : **INVITATION TO THE UPCOMING VIRTUAL TRAINING ON
WHOLE-ECOSYSTEM CARBON STOCK AND
SEQUESTRATION ASSESSMENT**

The Ecosystems Research and Development Bureau (ERDB) implemented a study on carbon stock assessment of NGP sites in Davao and Central Luzon Regions last 2021. This is mainly to measure the carbon stocks in the above-ground and below-ground biomass pools of the NGP plantations and estimate the carbon sequestration rate of said plantations. As one of the outputs of the study, ERDB Technical Bulletin 2021-01 was issued in order to effectively disseminate knowledge and information on carbon stock assessment design, procedures, and measurement standards. In line with this, we will be conducting a virtual training relative to Whole-Ecosystem Carbon Stock and Sequestration Assessment which will be held online on April 4, 2022, from 08:00 AM – 12:00 NN through Zoom. A schedule for the hands-on training will also be agreed on during the said event.

Relative thereto, may we request for the attendance of the following personnel to the said activity:

- Regional NGP Coordinator
- Conservation and Development Division Chief
- Conservation and Development Division Technical Staff (2)
- Planning and Management Division Chief
- Personnel involved in the conduct of Carbon Stock Assessment activities

For regional offices who will request for a hands-on training, we highly encourage that the personnel who will attend the virtual training will also be the ones present during the hands-on and that necessary preparations be made prior to its conduct. Anent to this, we have attached a list of the equipment needed for the training. We will coordinate with your office soonest regarding other details of these activities.

FOR YOUR INFORMATION AND REFERENCE.


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TOOLS, SUPPLIES, AND MATERIALS FOR WHOLE-ECOSYSTEM CARBON STOCK AND SEQUESTRATION ASSESSMENT

TOOLS

- a. GPS - used to locate sampling points within the established transects
- b. Meter Tape - used to measure transects that will be established
- c. Diameter Tape - used to measure the DBH of standing trees and logs
- d. Soil Corer/Core Samplers - used to measure the bulk density of the soil
- e. Rubber Mallet - used to press down soil corer used to measure soil bulk density
- f. Trowel - used to collect soil sample for soil organic content analysis
- g. Fuel Gauge - used to measure size of woody debris
- h. Digital/Electronic balance – used to measure fresh weight of collected litter

SUPPLIES

- a. Containers (zip lock/ordinary plastic bag and paper bags) – used for the soil and litter samples collected
- b. Paper, Markers and Pens - used to label samples collected