



January 12, 2024

Dr. Daniel Leslie S. Tan
OIC-President
Visayas State University
Visca, Baybay City, Leyte

Thru: Dr. Dennis P. Peque
Vice-President for Research, Extension and Innovation

Dear **Dr. Tan**,

This is to recommend the renewal of the appointment of **Mr. David Winston W. Tabada** as **Study Leader** of the **"Propagation of Quality Planting Materials, Carbon Sequestration Potential and Socioecological Assessment of *A. malaccensis*-based Agroecological Systems in Leyte and Biliran Islands"** Study 2 of the research project entitled *"Ecological Assessment and Conservation of Aquilaria malaccensis Through Sustainable Agarwood Production in Leyte and Biliran Islands, Philippines (ECoSAP)"* (**project code: VSU-IP-2021-9**), charged to the Internationalization Program, subject to availability of funds, effective January 1, 2024, until December 31, 2024, with equivalent workload units, renewable every year until the completion of the project.

As Study Leader, Mr. Tabada will perform the following responsibilities:

1. Assess the effect of shading on the leaf gas exchange parameters of the leaf;
2. Evaluate the extent of the leaf's response to shading based on chlorophyll fluorescence measurements and light response curves;
3. Measure the chlorophyll content at each level of shading;
4. Determine the antioxidant activities as affected by shading;
5. Identify and quantify the major volatile components present in each shading level
6. Draw the inter-relationship between the leaf physiological traits and the antioxidant activities;
7. Characterize abiotic stress through physiological and phytochemical traits;
8. Compare the obtained results from each variety (namely, *A. malaccensis* and *A. cumingiana*);
9. Submit to OVPREI, through the Project Leader, the following:
 - a. Report on the significant outputs/outcomes of the research;
 - b. Quarterly research progress reports to the OVPREI-RPO (**Attachment 1**);
 - c. Midyear research progress reports every 1st week of July of every year (**Attachment 2**);
 - d. Annual research progress reports every 1st week of January of the succeeding year (**Attachment 3**);
10. Present the research highlights or papers during the Research In-house Review and Evaluation (**Attachment 4**);

11. Present a paper in the regional/national R&D Symposia/fora (***as scheduled by Consortium/National agency concerned with prescribed standard format***);
12. Submit terminal report three (3) months after completion of the research project (***Attachment 5***);
13. Publish articles of significant research findings in indexed/peer-reviewed journals.

For any changes in the title, methodology, project site, and/or budget, approval should first be sought from the University President upon recommendation by the concerned College Dean, Center Director, Director for Research, and the Vice President for Research, Extension, and Innovation.

Thank you for your continued support to the Institute.

Very truly yours,

MARLITO M. BANDE
Project Leader, ECoSAP

Conformé:

DAVID WINSTON W. TABADA
Instructor, Department of Pure and
Applied Chemistry (DoPAC)

Endorsed by:

RENEZITA S. COME
Dean, College of Forestry and
Environmental Science (CFES)

Recommending Approval:

DENNIS P. PEQUE
VP for Research, Extension, and Innovation

Certified Funds Available:

ALICIA M. FLORES
Head, Budget Office

Noted:

IVY C. EMNACE
Director for Research

c.c.: OVPREI (VP)
OVPREI (RPO)
Budget Office (Head)
DoPAC (Head)
CFES (Dean)
DWWTabada
RSPPRO
ITEEM (File)