



VISAYAS
STATE UNIVERSITY

INSTITUTE OF
**TROPICAL ECOLOGY AND
ENVIRONMENTAL SCIENCE**

January 27, 2025

Mr. Charlindo S. Torrion

Head, Department of Meteorology
Visayas State University

Thru: **Mr. Arvin Rae T. Gavan**
Chair, RDEI Committee

Dear **Mr. Torrion**,

I am **Engr. Jimmy O. Pogosa**, a faculty member at the Institute of Tropical Ecology and Environmental Science (ITEES) and a continuing PhD student in the **Doctor of Agricultural Science** program, focusing on Forest and Environmental Resource Sciences at the Graduate School of Bioagricultural Sciences, Nagoya University (NU) in Japan. My dissertation research entitled "**Ecological Studies on Two *Aquilaria* Species for Conservation and Management in Leyte, Philippines**," is being conducted in Abuyog, Leyte. One of the specific objectives of my study is to determine the distribution of the two *Aquilaria* species in the tropical lowland evergreen rainforests of Leyte and to identify which climatic or anthropogenic factors may influence this distribution.

Regarding the climatic factors, I am using the Japanese 55-Year Reanalysis (JRA-55) dataset to extract onsite climatic variables relevant to my research. Developed by the Japan Meteorological Agency (JMA), the JRA-55 dataset provides a comprehensive climate record from 1958 onward and incorporates advanced data assimilation techniques to ensure high-quality, consistent climate data. Accessing and processing this dataset is crucial for the accuracy and integrity of my research. **Therefore, I kindly request the expertise of VSU's Department of Meteorology in data extraction, processing, and technical support.**

I reviewed the available resources and understand that accessing the JRA-55 dataset requires registration and adherence to specific data usage policies. I am prepared to follow all the necessary protocols and would greatly appreciate any assistance that your department can provide in facilitating this process. I attached detailed descriptions of my research objectives, the specific climatic variables, and the duration of time I plan to analyze. I am available to discuss this request further at your earliest convenience and welcome any recommendations or guidance that the department can provide.

Thank you for considering my request. I look forward to the possibility of collaborating with the Department of Meteorology to advance this research.

Truly yours,

JIMMY O. POGOSA

PhD Student
Nagoya University



**INSTITUTE OF TROPICAL ECOLOGY AND
ENVIRONMENTAL SCIENCE**
Faculty of Forestry and Environmental Science
Visayas State University, Visca, Baybay City, Leyte
Email: iteem@vsu.edu.ph / teofanes.patindol@vsu.edu.ph
Website: www.vsu.edu.ph
Phone: +63 53 565 0600 Local 1052/1053/1135



Management
System
ISO 9001:2015
www.tuv.com
ID 9108658749




Page 1 of 2
FM-VSU-03
V3 06-06-2024

No.

Noted:

TEOFANES A. PATINDOL
Director, ITEES

MARLITO M. BANDE
Local Supervisor
Director, Biodiversity Center



Vision: A global green university providing progressive leadership in agriculture, science & technology, education and allied fields for societal transformation.

Mission: To produce graduates equipped with advanced knowledge and lifelong learning skills with ethical standards through high quality instruction, innovative research, and impactful community engagements.