



## MEMORANDUM

FOR : All Regional Executive Directors

FROM : The OIC-Assistant Secretary for Field Operations – Western Mindanao and Director, in concurrent capacity

SUBJECT : **CORRECTION ON THE TECHNICAL BULLETIN 16-A OR THE “SUPPLEMENTAL GUIDELINES AND PROCEDURES OF WATERSHED CHARACTERIZATION AND CLIMATE RESILIENT VULNERABILITY ASSESSMENT OF WATERSHEDS AND PREPARATION OF INTEGRATED WATERSHED MANAGEMENT PLAN”**

DATE : **OCT 20 2023**

This has reference to the attached Memorandum from the Director of the Ecosystems Research and Development Bureau dated September 04, 2023, relative to the observation of the ERDB Vulnerability Assessment Team on the Technical Bulletin (TB) 16-A or the Supplemental Guidelines and Procedure of Watershed Characterization and Climate Resilient Vulnerability Assessment (CRVA) of Watersheds and Preparation of Integrated Watershed Management Plan (IWMP).

It was observed that in FMB TB 16-A, Annex K (Critical Factor Analysis) Table 4, the land cover category **“Inland Water”** was incorrectly rated as one (1) indicating "very low vulnerability", instead of the appropriate rating of five (5) signifying "very high vulnerability." Please refer to the corrected table attached herewith for your reference.

In this regard, we would like to inform you that this office will be drafting an updated policy regarding the Guidelines and Procedures for Watershed Characterization and Climate Resilient Vulnerability Assessment of Watersheds and Preparation of Integrated Watershed Management Plans. Meanwhile, we kindly request you to incorporate this correction into both current and future CRVAs and IWMPs conducted by your respective offices.

Your cooperation in ensuring the accuracy of these assessments is highly appreciated. If you have any questions or need further clarification, your staff may coordinate with us through the Watershed Ecosystem Management Section, Forest Resources Conservation Division of this office via email at [frcd.wems@fmb.denr.gov.ph](mailto:frcd.wems@fmb.denr.gov.ph) or by phone at (02) 8928-2891.

FOR YOUR INFORMATION AND CONSIDERATION, PLEASE.

  
**ARLEIGH J. ADORABLE, CESO III**

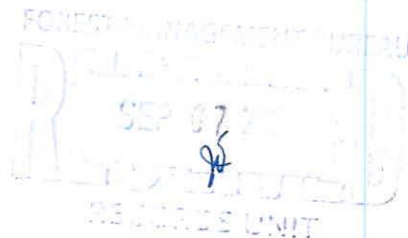
Table 4. Land Cover Vulnerability rating according to DMC 2008-05, Soils of the Philippines, and expert opinions.

LAND COVER RATING TO FLOOD VULNERABILITY		
Land Cover	Vulnerability	Rating
Closed Forest	Very Low	1
Open Forest, Mangrove Forest	Low	2
Shrubs, Natural Grasslands, Marshlands, Swamp	Moderate	3
Agricultural (Perennial and Annual Crop), Pastureland, Built Up, Fallow, Fishponds	High	4
Open/Bare/Barren Land, Inland Water	Very High	5



Department of Environment and Natural Resources  
Ecosystems Research and Development Bureau

SEP 04 2023



**MEMORANDUM**

FOR : The Director  
Forest Management Bureau

FROM : The Director

SUBJECT : **CORRECTION ON THE TECHNICAL BULLETIN 16-A OR THE "SUPPLEMENTAL GUIDELINES AND PROCEDURES OF WATERSHED CHARACTERIZATION AND CLIMATE RESILIENT VULNERABILITY ASSESSMENT OF WATERSHEDS AND PREPARATION OF INTEGRATED WATERSHED MANAGEMENT PLAN"**

This pertains to the above subject observed by the Ecosystems Research and Development Bureau- Vulnerability Assessment Team (ERDB-VA Team) in the FMB TB 16-A, particularly in Annex K (Critical Factor Analysis) Table 4, the land cover **Inland water** was rated one (1) or "very low vulnerability" instead of five (5) or "very high vulnerability" to flooding.

While the ERDB-VA team constantly corrects this error during their mentoring and monitoring activities, the rating of inland water in the mentioned technical bulletin should be corrected to avoid confusion.

**FOR YOUR CONSIDERATION, PLEASE.**

  
MARIA LOURDES G. FERRER, CESO III

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