

THE GUAM REEF RESTORATION AND INTERVENTION PARTNERSHIP (GRRIP)

MEMORANDUM OF UNDERSTANDING **AMONG THE UNIVERSITY OF GUAM, THE BUREAU OF STATISTICS AND PLANS, THE** **DEPARTMENT OF AGRICULTURE, AND THE GUAM ENVIRONMENTAL PROTECTION** **AGENCY,** **FOR ACTIVITIES OF THE GUAM REEF RESTORATION AND INTERVENTION** **PARTNERSHIP (GRRIP) WITHIN THE CORAL REEF INITIATIVE**

The University of Guam (UOG), Bureau of Statistics and Plans (BSP), the Department of Agriculture (DOAG), and the Guam Environmental Protection Agency (GEPA) enter into this Memorandum of Understanding (MOU) for the purpose of formalizing the activities to be carried out by the Guam Reef Restoration and Intervention Partnership (hereafter referred to as GRRIP). This MOU is based on the following statements of purpose and delineation of responsibilities. The term of this MOU will become effective once signed and remain in effect indefinitely from the date of signature.

GRRIP will be responsible for carrying out activities related to coral reef restoration, rehabilitation, and damage mitigation, in accordance with the Guam Coral Reef Resilience Strategy, which was formalized by Executive Order 19-16 in 2019. Members of GRRIP will include representatives from UOG, BSP, DOAG, and GEPA. When needed, the GRRIP group will consult, and cooperate with, US federal partner agencies, such as the National Oceanic and Atmospheric Administration (NOAA), Department of Defense (DoD), US Coast Guard, US Fish & Wildlife Service (USFWS), and the National Park Service (NPS). Non-government agency partners include The Nature Conservancy and Underwater World.

RESPONSIBILITIES

The University of Guam (UOG) agrees to:

1. Coordinate meetings and activities of the GRRIP group. Provide guidance and technical assistance to the group and serve in a leadership capacity as needed.
2. Keep an updated database documenting all activities of the group, including metadata and photo documentation; provide information on GRRIP activities as requested.
3. Host at least one training, workshop, or exercise per year for members of GRRIP.
4. Develop, test, and provide Standard Operating Procedures to guide the activities of GRRIP.
5. Provide basic materials and supplies for GRRIP activities.
6. Participate in public outreach, lead data collection on performance metrics of restoration activities, coordinate maintenance activities, and manage the database.

The Bureau of Statistics and Plans (BSP) agrees to:

1. Provide at least one representative to GRRIP. The representative will attend all meetings, provide technical assistance, assist in field activities, and serve in a leadership capacity if needed.
2. Contribute technical input on Standard Operating Procedures (SOPs) for restoration.
3. Assist with public outreach, collection of data, and documentation of activities.
4. Provide materials and supplies for GRRIP activities when resources are available.

The Department of Agriculture (DOAG) agrees to:

1. Provide at least one representative to GRRIP. The representative will attend all meetings, provide technical assistance, assist in field activities, and serve in a leadership capacity if needed.
2. Contribute technical input on Standard Operating Procedures (SOPs) for restoration.
3. Assist with public outreach, collection of data, and documentation of activities including, when possible, provision of access to collect data before and after bleaching events during aerial

surveys conducted by DOAG Division of Aquatic and Wildlife Resources (DAWR), so restoration work can be avoided during bleaching events.

The Guam Environmental Protection Agency (GEPA) agrees to:

1. Provide at least one representative to GRRIP. The representative will attend all meetings, provide technical assistance, assist in field activities, and serve in a leadership capacity if needed.
2. Contribute technical input on Standard Operating Procedures (SOPs) for restoration.
3. Assist with public outreach, collection of data, and documentation of activities.
4. Provide limited materials and supplies for GRRIP activities, including use of the GEPA boat during field activities, when resources are available.

ALTERATION OF TERMS OR ENTIRE AGREEMENT

The body of this MOU expresses the understanding of the signatories concerning all matters covered and shall constitute a total agreement. No alteration of this MOU, whether by written or verbal understanding of the signatories or the members of the Guam Reef Restoration and Intervention Partnership, shall be valid unless made in the form of a written amendment to this MOU, which is formally approved and executed by the participating agencies.

AMENDMENTS

In the event that one or more participating agencies wish to amend the terms of this MOU, all participating agencies will comply with the terms of this MOU until such time as the amendment is agreed upon and approved in writing by all signatories.

CONCURRED:

_____ Tyrone Taitano, Director, Bureau of Statistics and Plans	_____ Date
_____ Chelsa Muña-Brecht, Director, Department of Agriculture	_____ Date
_____ Walter Leon Guerrero, Administrator, Guam Environmental Protection Agency	_____ Date
_____ Dr. Laurie Raymundo, Interim Director, UOG Marine Laboratory	_____ Date
_____ Dr. Thomas Krise, President, University of Guam	_____ Date