



CRILOBE - I S H E E S AND
EPHE
SERVICE D'OBSERVATION INSU



SAMOA FISHERIES
MINISTRY OF AGRICULTURE AND
FISHERIES
SAMOA

AGREEMENT ref.: PM/CRILOBE/SAMOA/13

To implement on-site reef monitoring in the state of Samoa as part of the GCRMN – Polynesia Mana network

BETWEEN :

The *Ministry of Agriculture and Fisheries* represented by its Chief Executive Officer, on behalf of the state of Samoa.

On the one part

AND :

The *Centre de Recherches Insulaires et Observatoire de l'Environnement* (Centre for Insular Research and Observatory for the Environment - CRILOBE) represented by its Director, Mr Serge Planes.

On the other

WHEREAS

The Polynesia Mana Coral Reef Monitoring Network is the South Pacific branch of the Global Coral Reef Monitoring Network and is recognised by the International Coral Reef Initiative. It is an ongoing sixteen-year-long term project of monitoring the outer reef slopes of twenty islands spread over the four French Polynesian archipelagos (Australis, Marquesas, Society and Tuamotu) and six neighbouring island states or territories (Cook Islands, Niue, Kiribati, Tokelau, Kingdom of Tonga and Wallis and Futuna). The project mainly focuses on the effects natural and global change disturbances have on the coral reef ecosystem. The Kingdom of Tonga is part of the Polynesia Mana but CRILOBE now wishes to strengthen the network and collaboration with the participating countries by transferring our coral reef monitoring method, standardized across all the islands within the Polynesia Mana project.

CRILOBE (Centre de Recherches Insulaires et Observatoire de l'Environnement) is a French Government research centre, consisting of two institutions : EPHE (Ecole Pratique des Hautes

Etudes) and CNRS (Centre National de la Recherche Scientifique). CRIOBE has been in operation since 1971 and is housed on land administered by the Government of French Polynesia. In the current convention, CRIOBE operates as a public French research institute.

IT IS HEREBY AGREED AS FOLLOWS:

Article 1- Purpose

The purpose of this Agreement is to implement, as part of the Polynesia Mana network, on-site monitoring of the reef ecosystem on the outer slope of the islands of Samoa at the permanent monitoring sites for the Coral Reef Monitoring Network (GCRMN). This monitoring will include fish censuses (species richness, sizes and abundance), photo surveys of Scleractinian coral populations (genus richness, coverage percentages, land forms) using the *permanent photo quadrat* method and recording hydrologic parameters (temperatures to the nearest milli-degree, swell heights and frequencies, sea level heights) by depth recorder on an on-going basis.

Article 2 - Length of this Agreement

This agreement shall take effect as from 15 May 2013 for an indefinite period of time.

This agreement may be terminated by one party, by submitting written notification to the other party. This agreement will be terminated not less than six (6) months from the date of the written notification.

This agreement may also be terminated in the event of force majeure that makes it impossible for one or the other of the Parties to execute their obligations.

Article 3 - Work of CRIOBE

As part of this Agreement, the work given to CRIOBE involves carrying out following actions:

- Surveys on coral, fish and hydrological monitoring at the selected sites in Samoa. with the biological surveys being repeated at least every two years.
- Integrating local staff into monitoring and training them during this work.
- Managing data analysis, reporting and data management systems with the *Ministry of Agriculture and Fisheries*
- Assist local staff on data analysis and reporting. .

Article 4 - Ministry of Agriculture and Fisheries obligations

The Ministry of Agriculture and Fisheries commits to facilitating CRIOBE's work during field campaigns.

Article 5 - Confidentiality

The principle of confidentiality shall apply to all data, more specifically to any documents and information arising from the data collected. The database shall be administered by CRIOBE and the *Ministry of Agriculture and Fisheries*. The *Ministry of Agriculture and Fisheries* shall have full access to it for internal use.

Article 6 - Communications

All scientific communication activities carried out in relation to the topic of this agreement shall be subject to prior approval by both Parties.

Article 7 - Number of copies

This Agreement is hereby issued in duplicate originals.

Date 9/5/2013

Director of CRIOBE

Serge PLANES



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Fonoiava Sealiitu SESEGA