



IRCP / CRIOBE - UMS 2978 CNRS-EPHE
SERVICE D'OBSERVATION INSU
MOOREA - POLYNESIE FRANCAISE



PITCAIRN NATURAL RESOURCES DIVISION

AGREEMENT ref.: PM/CRIOBE/PITCAIRN.IS/11

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

BETWEEN :

The *Pitcairn Natural Resources Division* represented by its manager, Mrs Michele Christian, on behalf of the British Government.

AND :

The Institut des Récifs Coralliens du Pacifique / Centre de Recherches Insulaires et Observatoire de l'Environnement (Institute for Pacific Coral Reefs / Centre for Island Research and Observatory of the Environment, thereafter referred to as "IRCP / CRIOBE").

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 Pacific Island Countries and Territories (PICTs) (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 coral reef ecosystems. Pitcairn Island is part of the Polynesia Mana but CRIOBE 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.

CRIOBE (Centre de Recherches Insulaires et Observatoire de l'Environnement) is a research centre, under the tutelage of two french governmental institutions : EPHE (Ecole Pratique des Hautes Etudes) and CNRS (Centre National de la Recherche Scientifique). ICRP is a scientific institute, part of EPHE based at CRIOBE in Moorea (French Polynesia), mandated with four main missions:

(1) encourage, at the regional scale of the Pacific, the necessary connection between fundamental research, conservation policy and training of stakeholders in the field of coral reefs management; (2) support cross-cutting issues, taking into account the contribution of human and social sciences for sustainable coral reefs management; (3) establish a monitoring network of coral reefs; (4) work for federating projects aimed at preserving coral reefs and thus provide, in a context of sustainable development, a contribution to the future of coral reef ecosystems and peoples who depend on them.

CRIOBE has been in operation since 1971 and is housed on land administered by the Government of French Polynesia. In the current Memorandum of Understanding, IRCP/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 island of Pitcairn at a site located in the northwestern part of the island. This monitoring will include fish censuses (species richness, sizes and abundance), photo surveys of Scleractinia coral populations (genus richness, coverage percentages, land forms) using the permanent photo quadrat method and continuously recording hydrologic parameters (temperatures to the nearest milli-degree, swell heights and frequencies, sea level heights).

Article 2 - Length of this Agreement

This agreement shall take effect as from may 15 2011 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:

- coral, fish and hydrological monitoring surveys at the selected site on the northwest outer slope of Pitcairn island, with the biological surveys being repeated at least every two years.
- integrating local volunteer staff (if any) into monitoring actions and training them during this work.
- managing the database with the *Natural Resources Division*.
- helping with data analyses.
- helping with the production of an internal report.

Article 4 - The *Natural Resources Division* obligations

The Natural Resources Division commits to facilitating CRIOBE's work during field campaigns. So, the provider shall receive as much assistance as possible from the *Natural Resources Division* to prepare for the work and for relations with the technical and official administrative entities involved in this area.

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 *Natural Resources Division*. The *Natural Resources Division* 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 2 duplicate originals.

SIGNED _____

SIGNED _____

Serge PLANES
Director for IRCP / CRIOBE

Michele CHRISTIAN
Pitcairn Natural Resources
Division Manager