
SIZE
MATTERS!

SIZE MATTERS!

Lessons learnt in going to scale in large scale MPAs

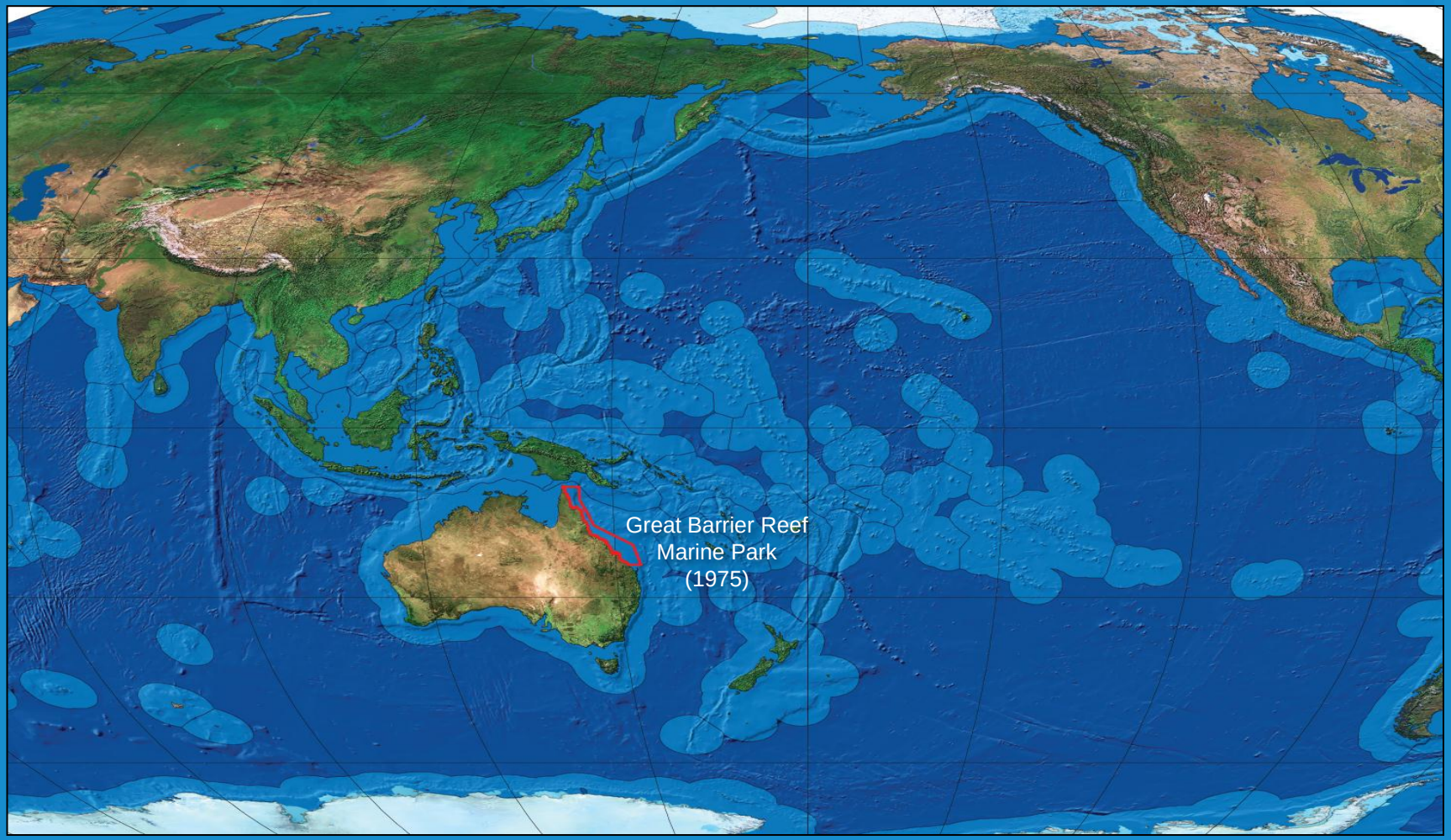
Schannel van Dijken
Leilani Duffy
Sue Miller-Taei

Roundtable
Pacific Islands Roundtable for Nature Conservation

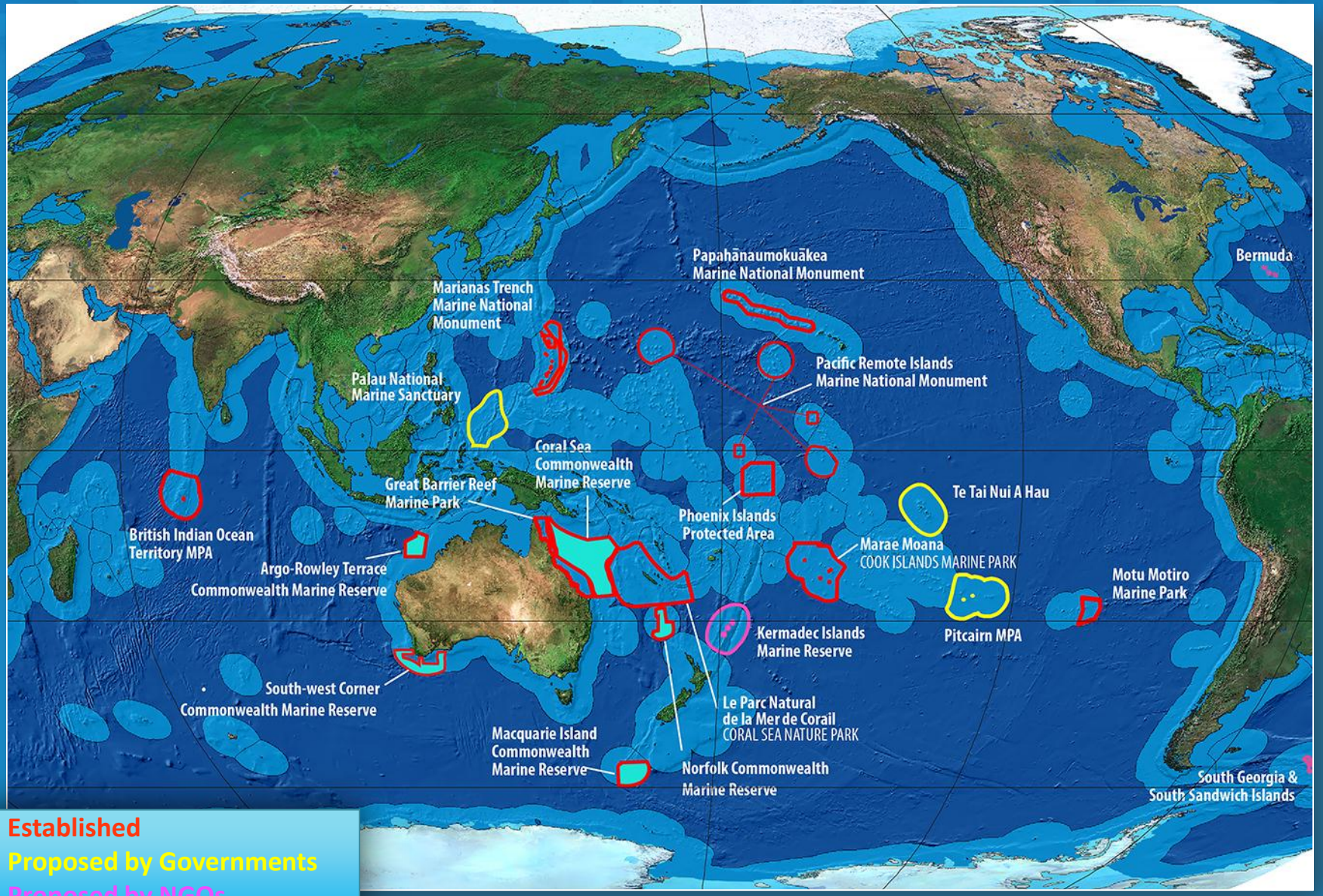
SPREP PROE

CONSERVATION INTERNATIONAL

1975

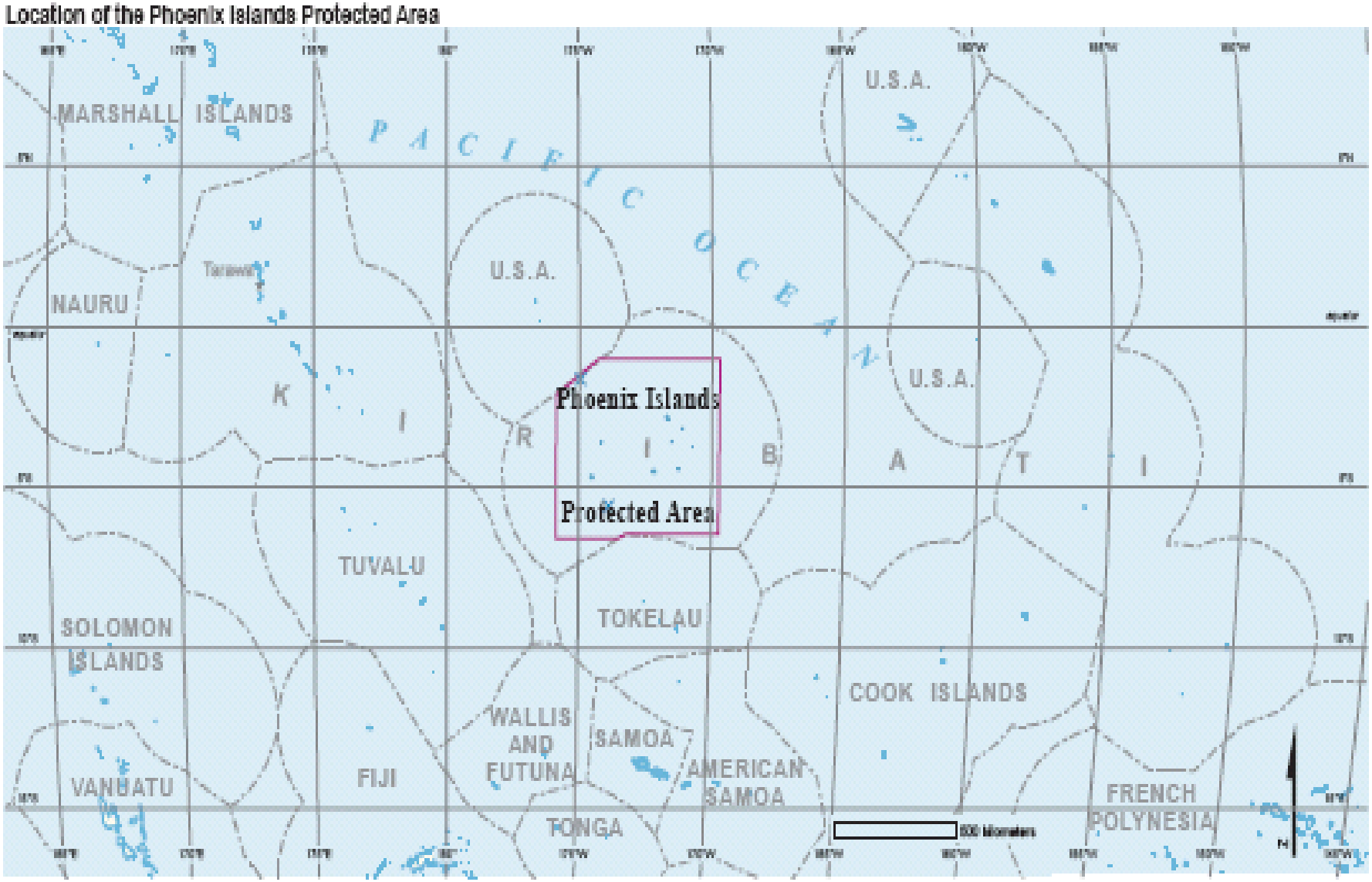


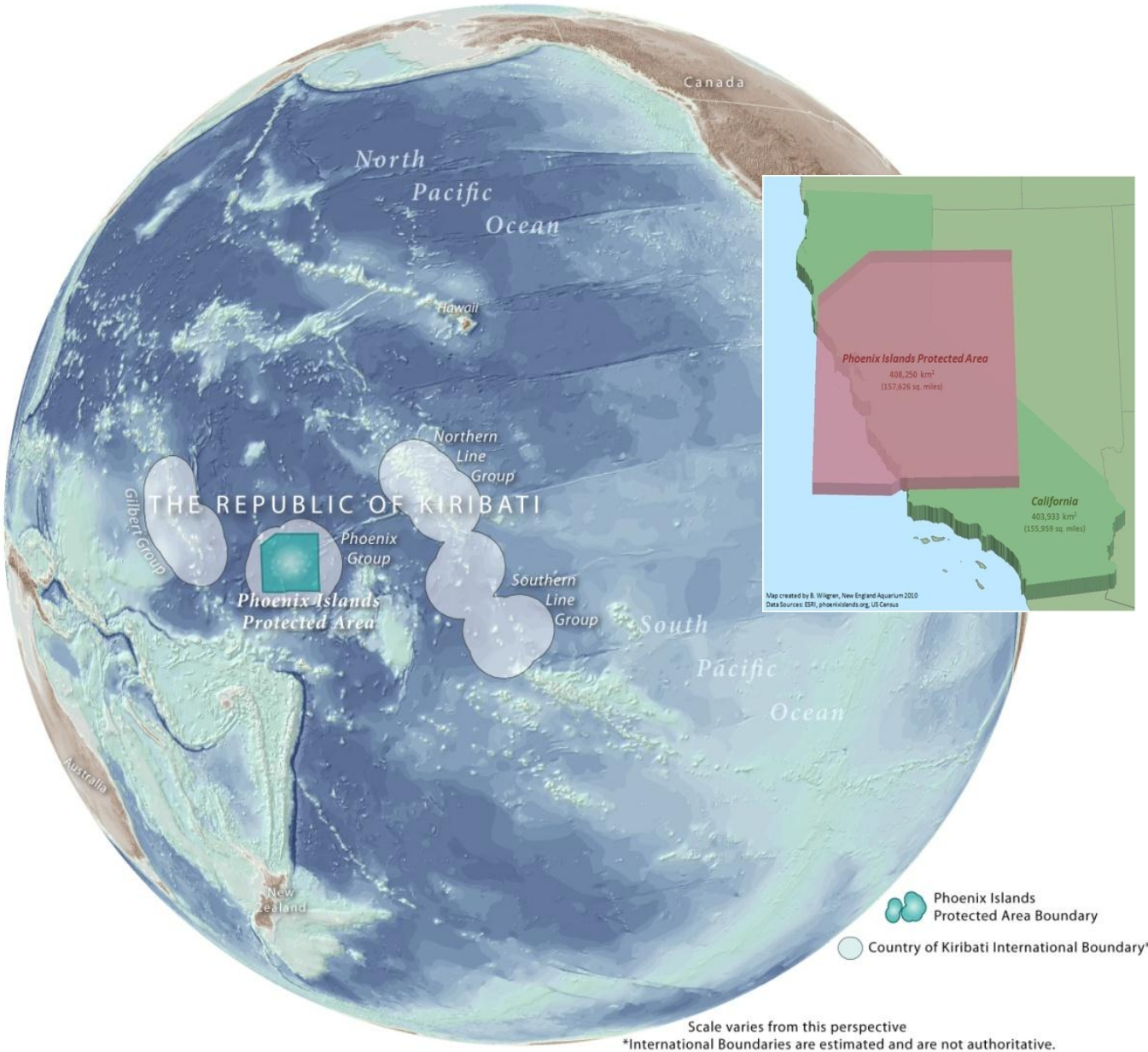
2015



- Established
- Proposed by Governments
- Proposed by NGOs

The PIPA

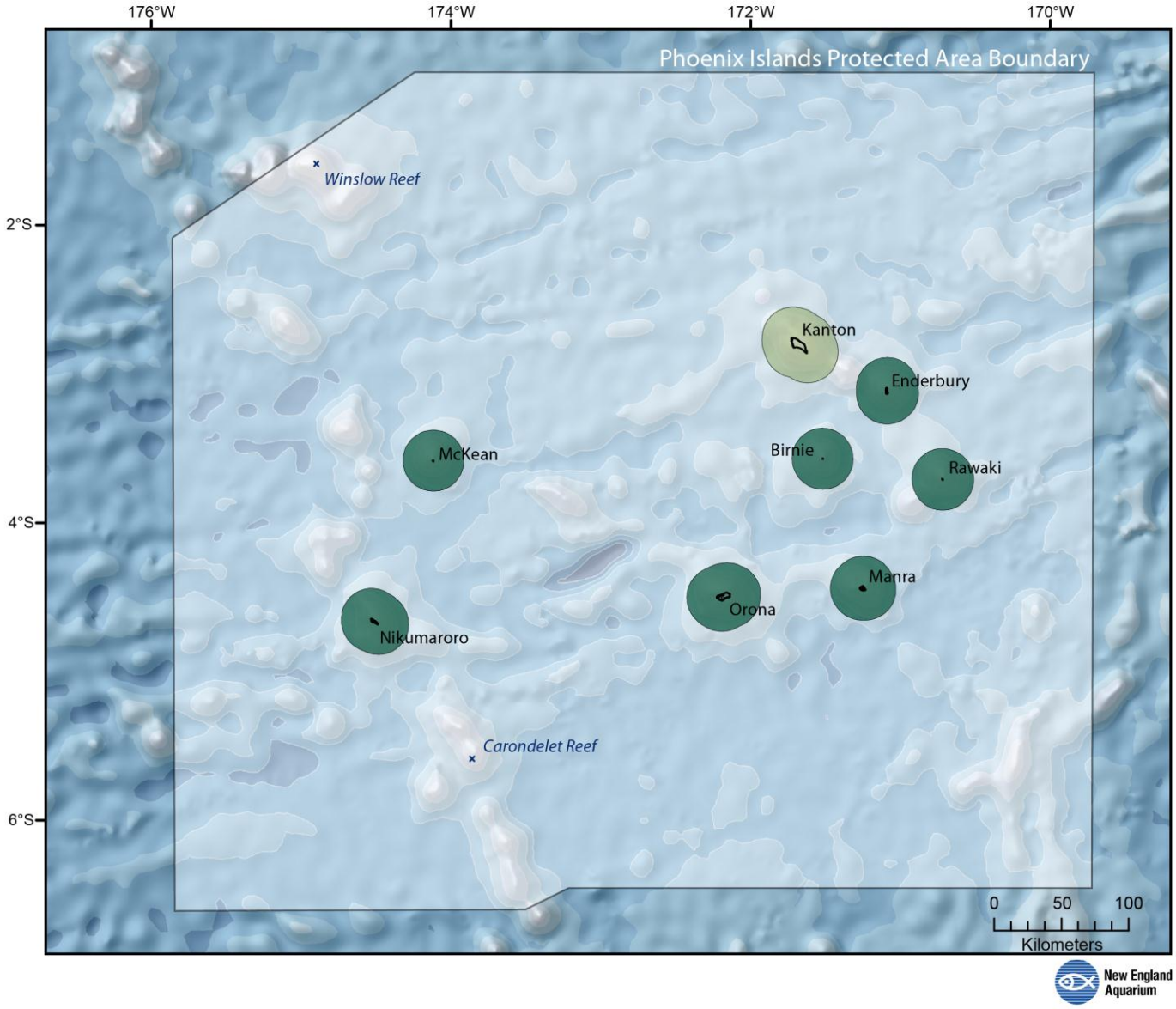

Location of the Phoenix Islands Protected Area
MARSHALL ISLANDS
U.S.A.
PACIFIC OCEAN
NAURU
Tarawa
U.S.A.
KIRIBATI
Phoenix Islands
Protected Area
U.S.A.
TUVALU
SOLOMON ISLANDS
TOKELAU
COOK ISLANDS
WALLIS AND FUTUNA
SAMOA
AMERICAN SAMOA
VANUATU
FIJI
TONGA
FRENCH POLYNESIA



PHOENIX ISLANDS PROTECTED AREA

CONSERVATION INTERNATIONAL

New England Aquarium



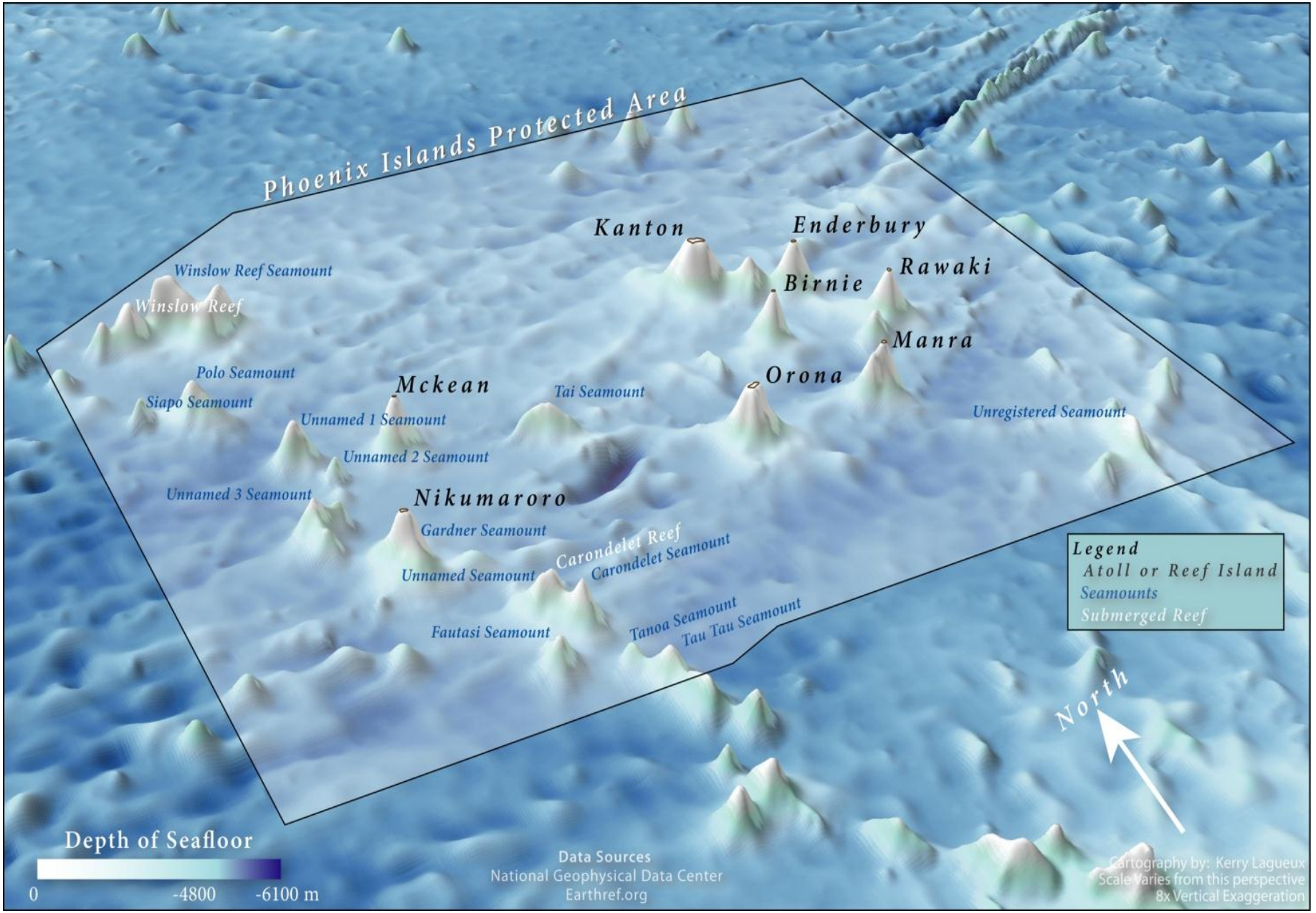
Phoenix Islands Protected Area January 1, 2015

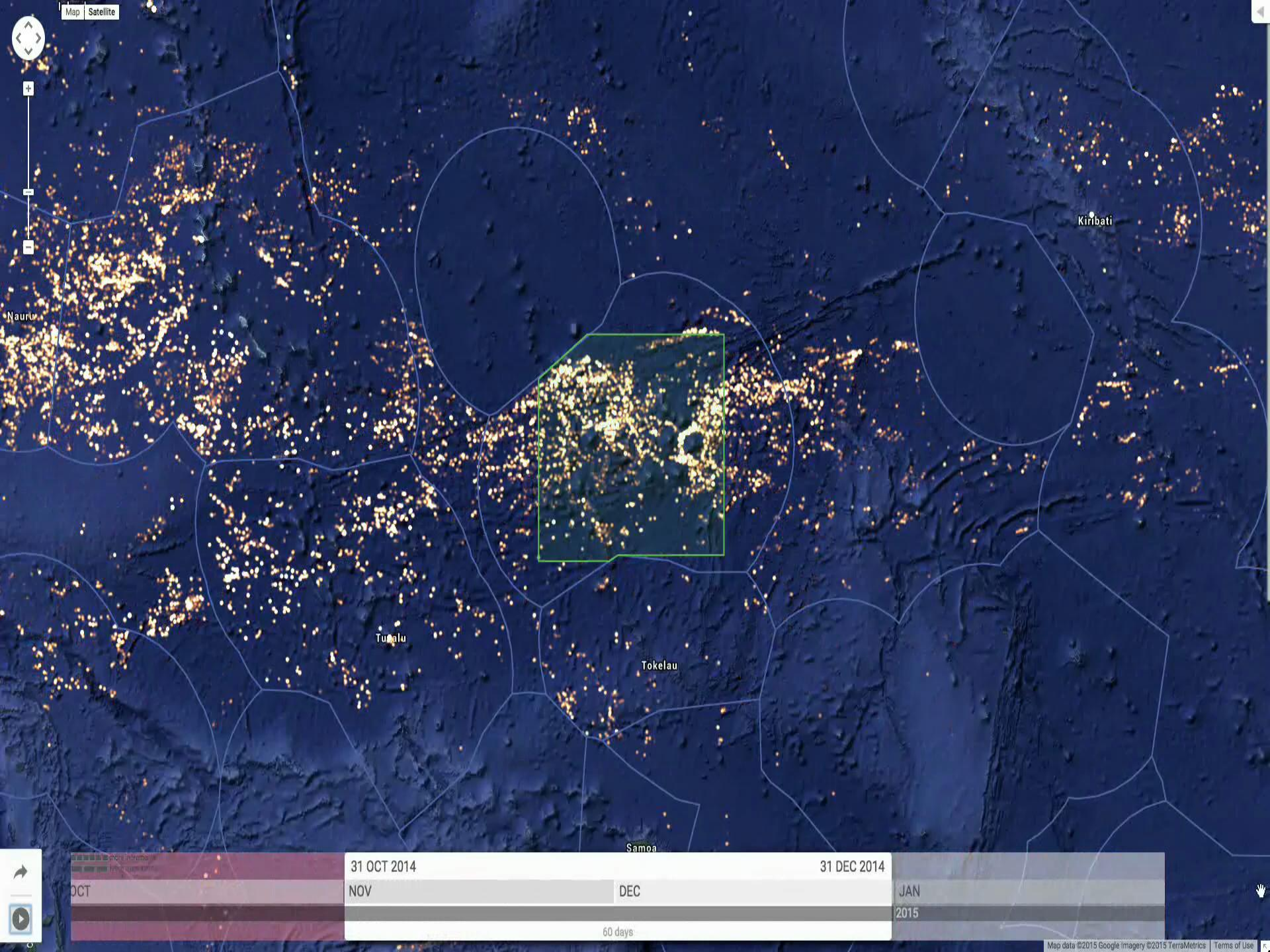
Legend

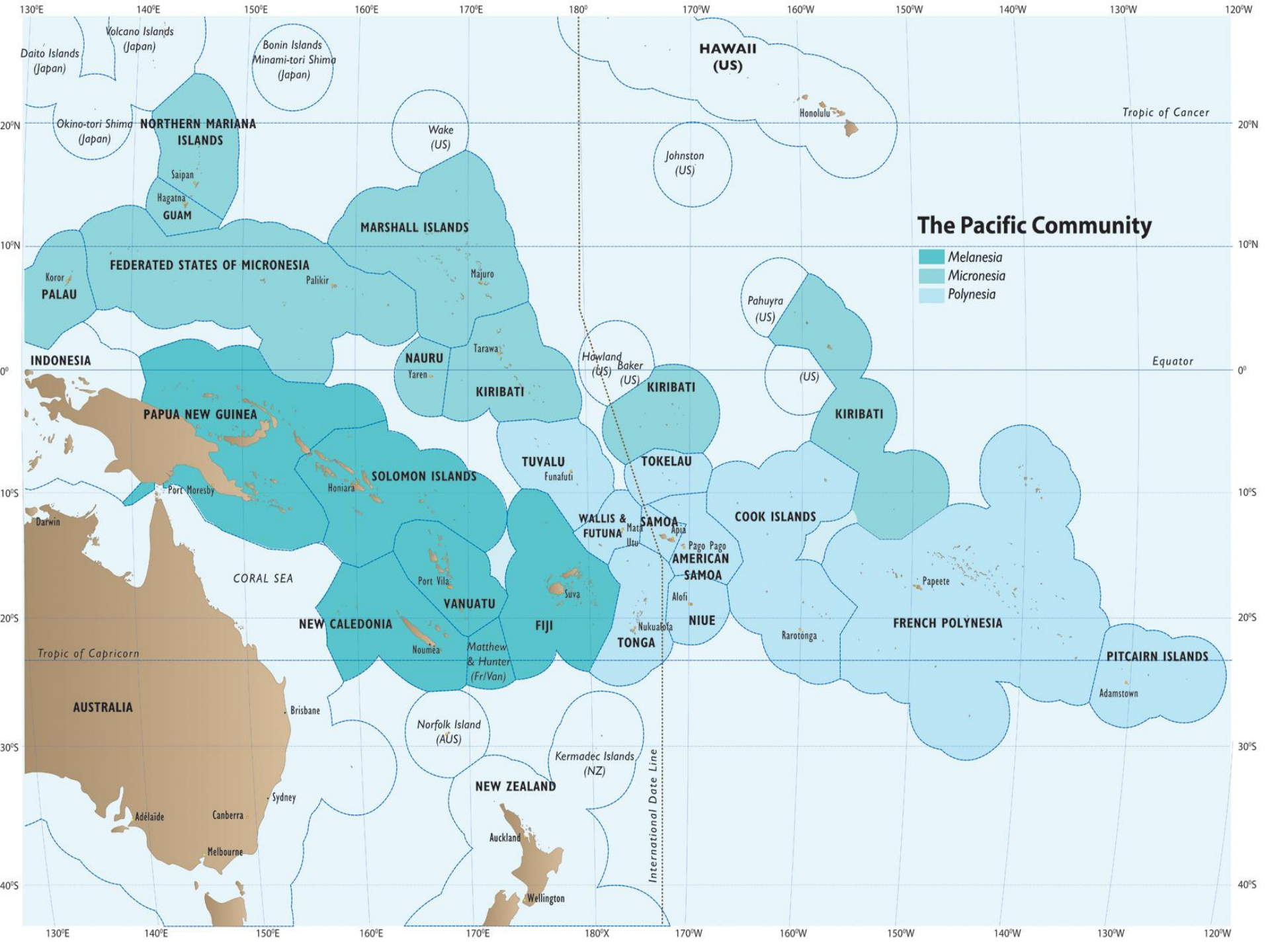
- **Atoll Reserve Zone** (12,714 km^2 or 3.1%)
- **Atoll Restricted Use Zone** (2,495 km^2 or 0.6%)
- **Ocean Conservation Zone** (393,041 km^2 or 96.3%)
- **Low-lying Island/Atoll**
- **Submerged Reef**

MPA total area: 408,250 km^2




Phoenix Islands Protected Area
Kanton
Enderbury
Rawaki
Birnie
Manra
Orona
Winslow Reef Seamount
Winslow Reef
Polo Seamount
Siapo Seamount
Mckean
Tai Seamount
Unnamed 1 Seamount
Unnamed 2 Seamount
Unnamed 3 Seamount
Unregistered Seamount
Nikumaroro
Gardner Seamount
Carondelet Reef
Carondelet Seamount
Unnamed Seamount
Fautasi Seamount
Tanoa Seamount
Tau Tau Seamount
Legend
Atoll or Reef Island
Seamounts
Submerged Reef
North
Depth of Seafloor
0
-4800
-6100 m
Data Sources
National Geophysical Data Center
Earthref.org
Cartography by: Kerry Lagueux
Scale Varies from this perspective
8x Vertical Exaggeration


Map
Satellite
Kiribati
Nauru
Tuvalu
Tokelau
Samoa
31 OCT 2014
31 DEC 2014
OCT
NOV
DEC
JAN
2015
60 days
Map data ©2015 Google Imagery ©2015 TerraMetrics
Terms of Use


The Pacific Community
Melanesia
Micronesia
Polynesia
HAWAII (US)
Honolulu
Tropic of Cancer
Johnston (US)
Wake (US)
Volcano Islands (Japan)
Daito Islands (Japan)
Bonin Islands
Minami-tori Shima (Japan)
Okino-tori Shima (Japan)
NORTHERN MARIANA ISLANDS
Saipan
Hagatna
GUAM
MARSHALL ISLANDS
Majuro
FEDERATED STATES OF MICRONESIA
Palikir
Koror
PALAU
INDONESIA
NAURU
Yaren
Tarawa
KIRIBATI
Howland (US)
Baker (US)
KIRIBATI
Pahuyra (US)
(US)
KIRIBATI
Equator
PAPUA NEW GUINEA
Port Moresby
SOLOMON ISLANDS
Honiara
TUVALU
Funafuti
TOKELAU
WALLIS & FUTUNA
Mata
Utu
SAMOA
Apia
COOK ISLANDS
Pago Pago
AMERICAN SAMOA
Darwin
CORAL SEA
Port Vila
VANUATU
Suva
Alofi
NIUE
Papeete
NEW CALEDONIA
FIJI
Nukualofa
TONGA
Rarotonga
FRENCH POLYNESIA
Noumea
Matthew & Hunter (Fr/Van)
Tropic of Capricorn
PITCAIRN ISLANDS
Adamstown
AUSTRALIA
Brisbane
Norfolk Island (AUS)
Kermadec Islands (NZ)
NEW ZEALAND
Sydney
Adélaïde
Canberra
Melbourne
Auckland
Wellington
International Date Line
130°E
140°E
150°E
160°E
170°E
180°
170°W
160°W
150°W
140°W
130°W
120°W
20°N
10°N
0°
10°S
20°S
30°S
40°S



Framework objectives

Overall the intent is to foster stewardship at scale – local, national, regional and international to ensure in perpetuity the health and wellbeing of our ocean and ourselves.

The following broad objectives seek to achieve the goal for a Pacific Oceanscape and will initially address six strategic priorities identified for immediate implementation under the Framework:

1

INTEGRATED OCEAN MANAGEMENT
– to focus on integrated ocean management at all scales that results in the sustainable development, management and conservation of our island, coastal and ocean services

2

ADAPTATION TO ENVIRONMENTAL AND CLIMATE CHANGE
– to develop suitable baselines and monitoring strategies that will inform impact scenarios and specific understanding of environmental and climate change stressors.

3

LIAISING, LISTENING, LEARNING AND LEADING
– to articulate and use appropriate facilitative and collaborative processes, mechanisms and systems and research that results in the achievement of the objectives for Integrated





The Pacific Oceanscape

A secure future for Pacific Island Countries and Territories based on sustainable development, management and conservation of our Ocean.

"We are the sea,
we are the ocean,
we must wake up
to this ancient truth."

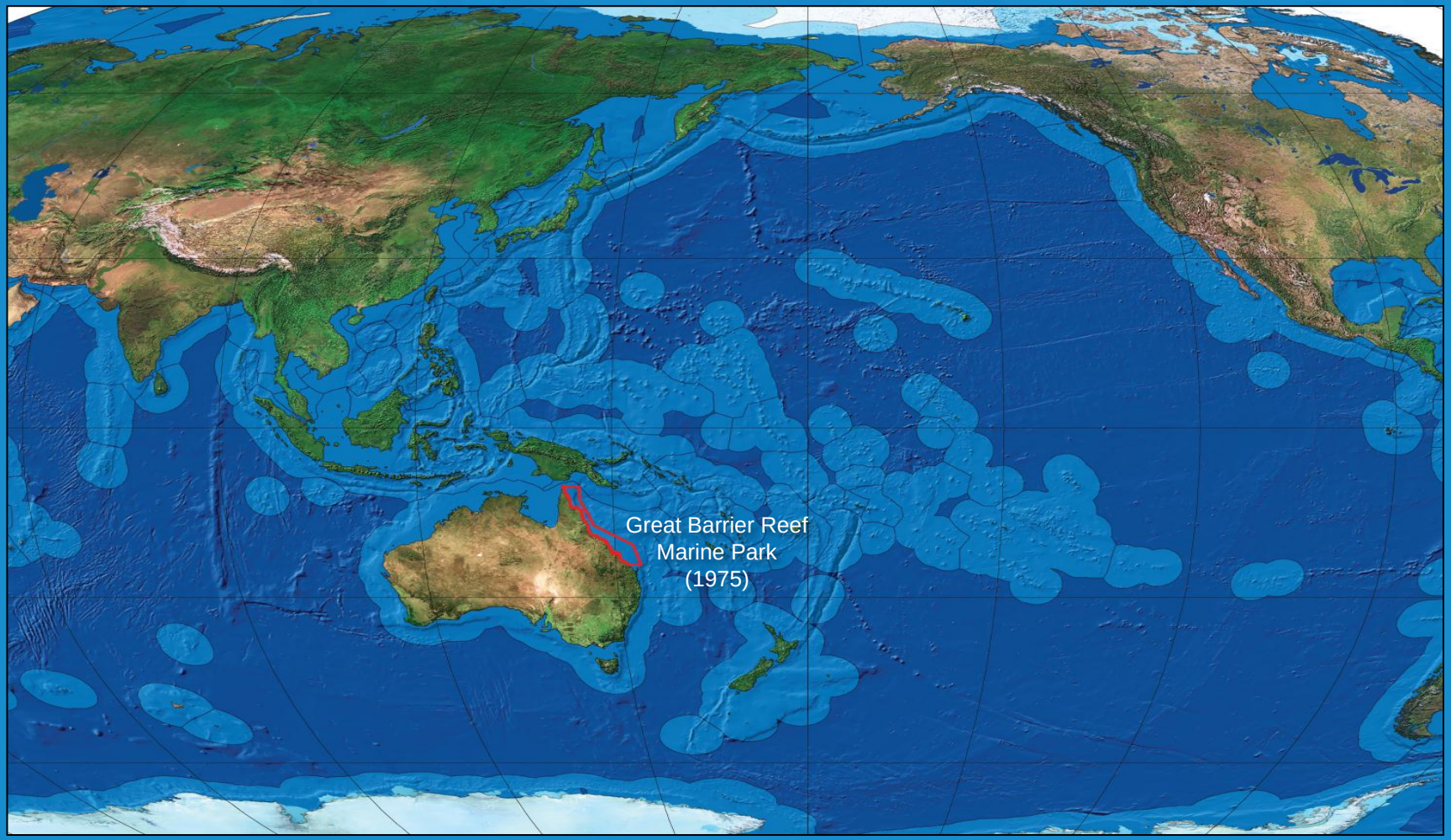
Epeli Hau'ofa (2008)

© Stuart Chape

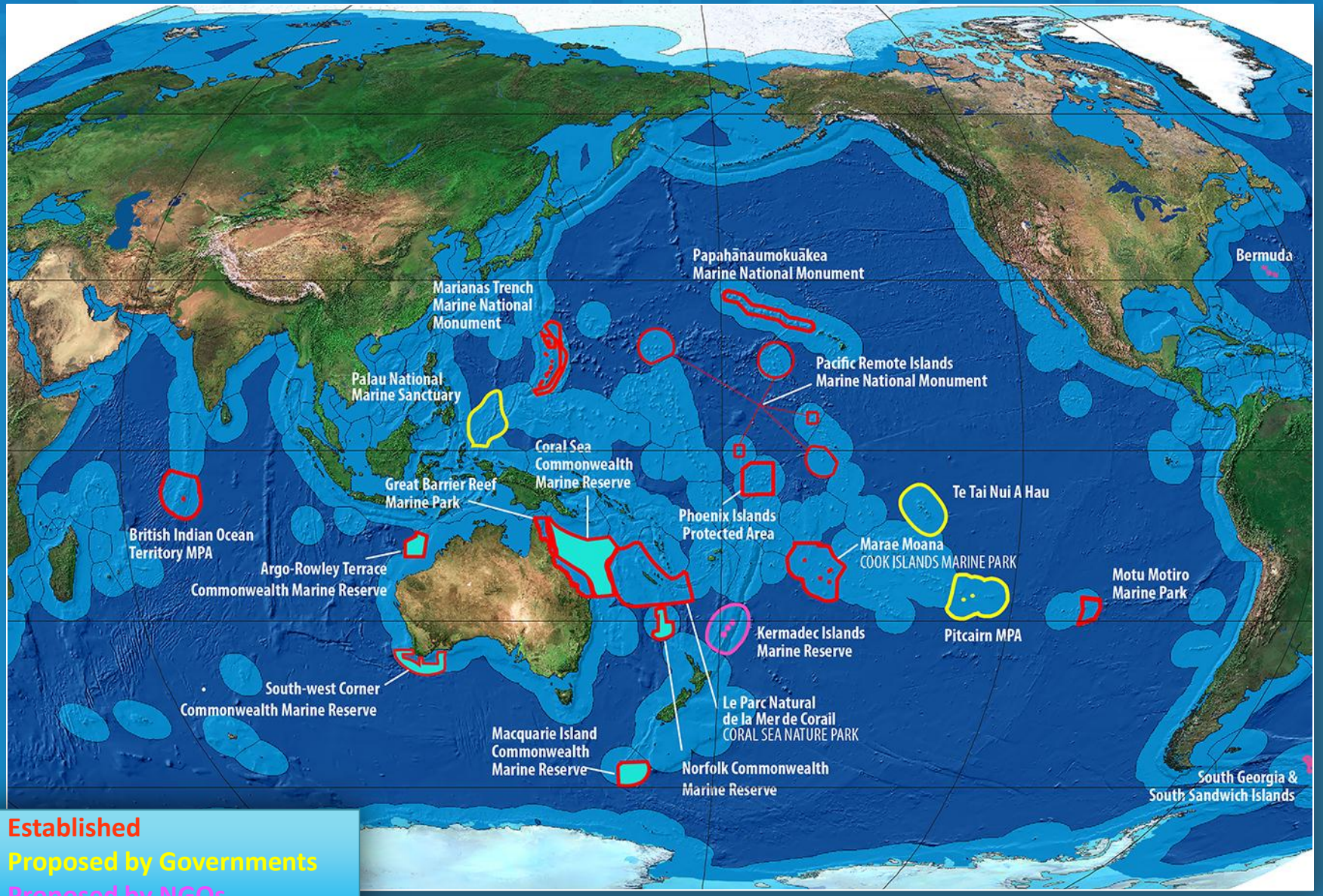
PACIFIC ISLANDS FORUM SECRETARIAT · FFA · SPC Secretariat of the Pacific Community · USP The University of the South Pacific · SPREP Secretariat of the Pacific Regional Environment Programme · CONSERVATION INTERNATIONAL · UNEP · IUCN

The Pacific Oceanscape Framework report can be downloaded at www.sprep.org

1975



2015



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