



South Pacific integrated observatory for the environment, terrestrial and marine biodiversity

- To federate research activities with a focus on the observations and to establish mutual resources between scientific institutions
- “GIS” Created in 2010 and renewed for 2014-2017,
- Gathers together 13 French scientific partners working in the South and SouthWest Pacific,
- Opened to other French and Non French organizations (CROP agencies and academic institutes).



Steering Committee

Scientific Committee
NC, FP, France, Fiji
NZ, Aust., USA

Manag. Committee



Source: Pierre Laboute - IRD



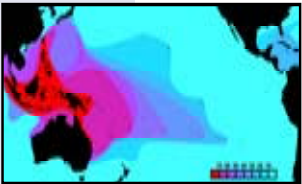
Objectives

- Set up, develop and coordinate observational networks and information systems,
- Optimize, consolidate and share equipments and technical platforms,
- Support and coordinate the activities of research teams,
- Strengthen international scientific cooperation,
- Provide expertise and advisory services to government organisations and communities.



Scientific themes

- ❑ Marine ecosystems
- ❑ Terrestrial ecosystems
- ❑ Climatic variability and change
- ❑ Natural hazards (hydro-climatic et telluric)
- ❑ The impact of human activities
- ❑ The relationship between environment and health
- ❑ Representations, practices and policies of "nature",
Social and human sciences....includes the Oceania
Observatory of Climate Change and its
Consequences (O2C3)



GOPS Actions

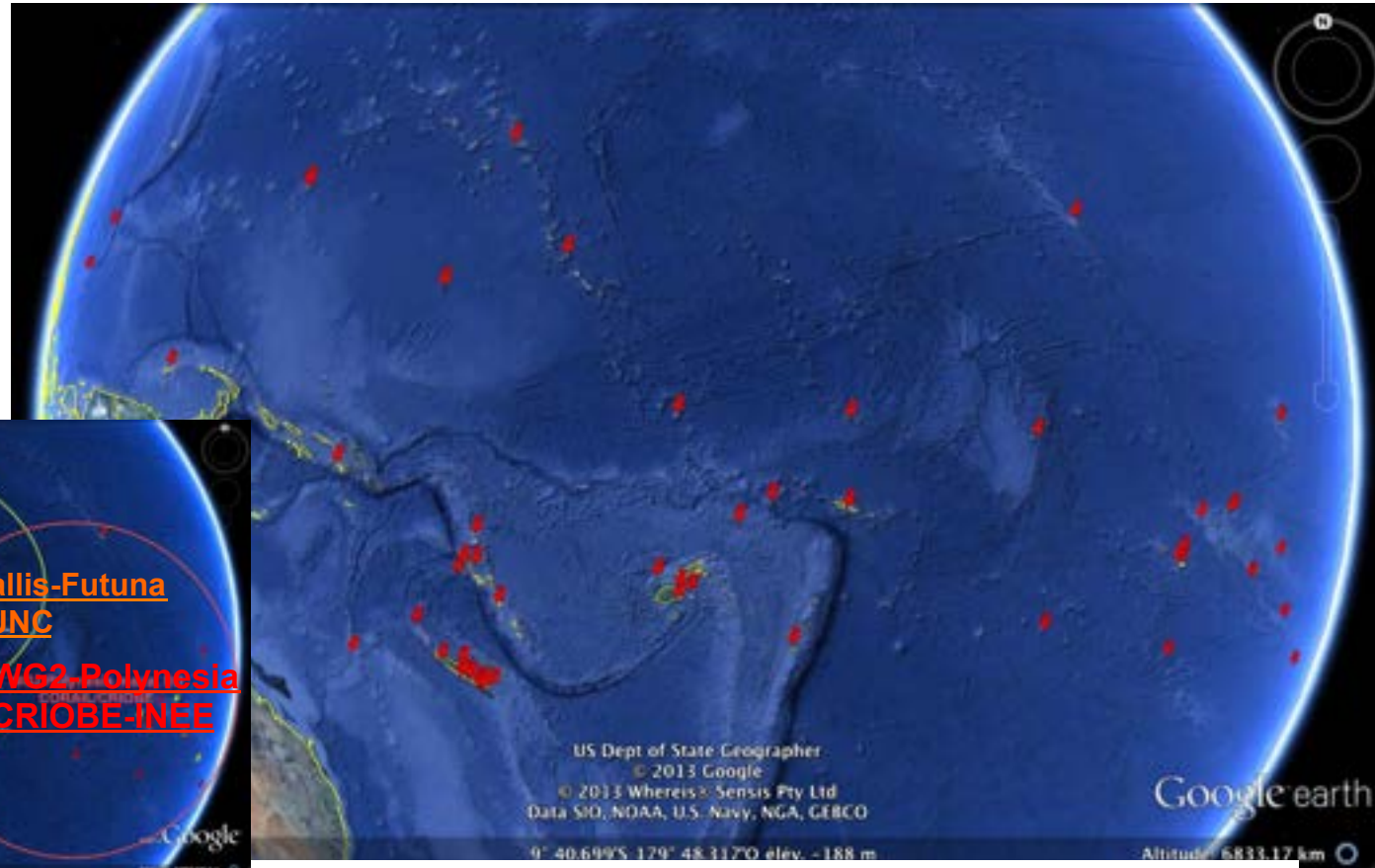


- The GOPS was the facilitator and/or successfully contributed to the emergence of the joint projects
- The GOPS obtained funds for laboratory equipments in NC and FP and for the acquisition and set up of observatories
- The GOPS founded various programs (see flyer)
 - Mar Ecosys. (13), Ter. Ecosys (9), Clim. Ch.-Nat. Haz. (12), Env-Health (5), SS(2)
 - NC (18), FP (11), W&F (1), Pacific (6), Vanuatu (2), Fiji (1)



Sea surface temperature network: ReefTEMPS Program (GOPS – CPS + CNRS, UNC, USP)

About one
hundred of sites
Data on Website
of GOPS
Funds: Fonds
Pacifique and NC



Sea surface temperature on coastal areas of island states of the region (*French Polynesia, Cook, Tonga, Wallis and Futuna, Samoa, Tokelau, Kiribati, Nauru, Etats Federate States of Micronesia, Palau, Yap, Iles Salomon Islands, Papoua New-Guinea, Vanuatu, Fiji, New Caledonia...*) for the long term monitoring of the climate change and its consequences on coral reefs and their ressources. Some sites and future : S, P (wave, swell, tide), pH