

# Working meeting - 4D Model, CRIOBE 26 May 2014

## Location

CRIOBE Moorea

## Theme

To identify data sources and partners for building the 4D digital model (3 spatial dimensions plus time) of Moorea.

## Participants

Serge Planes - CNRS/EPHE/CRIOBE  
Matthias Troyer - ETH Zurich  
Didier Poilblanc - CNRS Toulouse  
Veronique Berteaux - CNRS/EPHE/CRIOBE  
Gilles Siu - CNRS/EPHE/CRIOBE  
Benoit Stoll - University of French Polynesia  
Neil Davies - UC Berkeley  
Tamatoa Bambridge - CNRS/EPHE/CRIOBE  
Hinano Teavai-Murphy - UC Berkeley Gump Station  
Philippe Couraud - Service of Rural Development (FP)

## 4-D Model (Map) Working Group (Contacts) -

Benoit Stoll - UPF  
Gilles Siu - CRIOBE  
Antoine Collin - EPHE  
Philippe Couraud - SDR  
Pascal ? - Urbanisme  
? - ISPF

Discussed potential global agreement with PF (via Min.Research) to help coordinate data sharing with government agencies in French Polynesia, notably:

- Service de l'Urbanisme - cadastral, satellite images (2012?)
- Service Developpement Rural (SDR) - land use, agriculture, soil, especially Opunohu (10% of land)
- Other services

CRIOBE:

Antoine Collin EPHE (World View, 40cm, lagoon only to 8-10m deep)  
Bathymetry outside lagoon to 15m, deeper than 200m IFREMER?

IRD - UPF

GEOSUD pleides image (Stoll)

ILM-UPF

Mosquito - student at UPF data (Stoll)

ISPF

Demographic every 5 years (census) ilot-statistique

NSF UNOLS

Bathymetry 2014