

#OGS 2022

WETLANDS

Building a regional initiative dedicated to Wetlands Monitoring in order to share resources and results

(1) Building a regional initiative dedicated to Wetlands Monitoring in order to share resources and results



WHY

1. *Establish a standard and monitoring system through a collaborative approach*
2. *To help countries with less capacity / resources*
3. *To combat against global changes consequences for PICTS through a better wetland management*

WHAT

1. *Acquire, analyze and compare the evolution of wetlands thanks to multiscale techs (aerials, satellite, fields)*
2. *Map & monitor distribution*
3. *Platform to share GIS tool with F.A.I.R. DATA (Findable Accessible Interoperable Reusable)*

HOW

1. *Multi-lateral agreement on data sharing and commitment of resources*
2. *High resolution data (satellites, aircraft, drones)*
3. *Identify & list already existing/ongoing WLM initiatives (incl. DATA).*

SUCCESS INDICATORS

1. *Shared & common (agreed) method for wetland health & conservation*
2. *Number of countries who join the initiative*
3. *Number of new protected wetlands areas monitored with common tools/product*

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WHO

1. *Facilitator Animator : Marc Despinoy*
2. *SPREP (Vani)*
3. *IRD (Marc Despinoy)*
4. *GEO & CEOS policy*
5. *PGSC : Pacific Geospatial Surveying Council*
6. *National stakeholders, data source*
7. *Technicians from public institutions*
8. *Local agencies (Data + services)*
9. *DINAMIS (Jean : build on existing research)*

WHERE

1. *Local Coastal Communities in the region*
2. *Impacted and threatened wetlands*
3. *All territories with wetlands*
4. *Fiji (Marc Despinoy will trial a project there in April 2023)*
5. *New Caledonia and all islands involved in management and preservation of the wetlands*

WHEN

1. +3 month
 - List existing wetlands mapping / data / research
 - Inventory existing tools
 - Inventory wetlands to be monitored
 - Identifying the needs organization on territories or pilot region
 - Identifying existing regional initiatives
 - Network participants
 - Identify a working plan and objectives
2. +6 months
 - Collect regional/national wetlands data
 - Definition of monitoring outputs and expected indicators
 - List of actions on how to implement the initial strategy
3. +12 months
 - Implement action plan with budget
4. +18 months
 - Shared method for monitoring
 - Data sets
 - First results

Personal Next Step

- Nick Metherall : make shared a list of EO methods for monitoring wetlands
- Vani : identify key stakeholders and conduct open communication
- Félix : ask if and how the CEO can be involved
- Lika : integrative platform established to enhance collaboration between regions
- JF FAURE : available for future meetings and to elaborate the program
- Pearl : lobby to get some fundings or approval on this project