



SolGeo: Solomon Islands SDI

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Pacific Community



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Solomon Islands Spatial Data Infrastructure

- SolGeo**
Sachinda Singh
Geoscience Division, PC
- MSP Tools**
Donna Hayes, EPOG
Marine and Atmosphere
CSIRO



2 | SDI Solomon Islands | Donna Hayes & Sachinda Singh



SolGeo

- Sachinda Singh Geoscience Division, PC, Suva, Fiji



SPC project....

SolGeo is the Spatial Data Infrastructure (SDI) platform for the government of Solomon Islands implemented on top of an enterprise-level Geospatial Data Services platform that enables the ministries to centrally collate, manage, expose and analyse its spatial and related data holdings. This **whole-of-government** geospatial data services is essential to monitor and respond to natural resource use and infrastructure challenges within Solomon Islands, as it will enable sound decision making within a geospatial context.

SoLIS implementation entailed deployment, data population and provisioning relevant capacity building and support for an integrated enterprise-level Geospatial Data Services platform, that will enable the Solomon Islands government to **centrally collate, manage and expose its geospatial and related data** holdings.

SolGeo was deployed in June 2015 by SPC for the ICT Support Unit, Government of Solomon Islands with assistance from CSIRO.

SolGeo

<http://sig-solgeo.mof.gov.sb/>

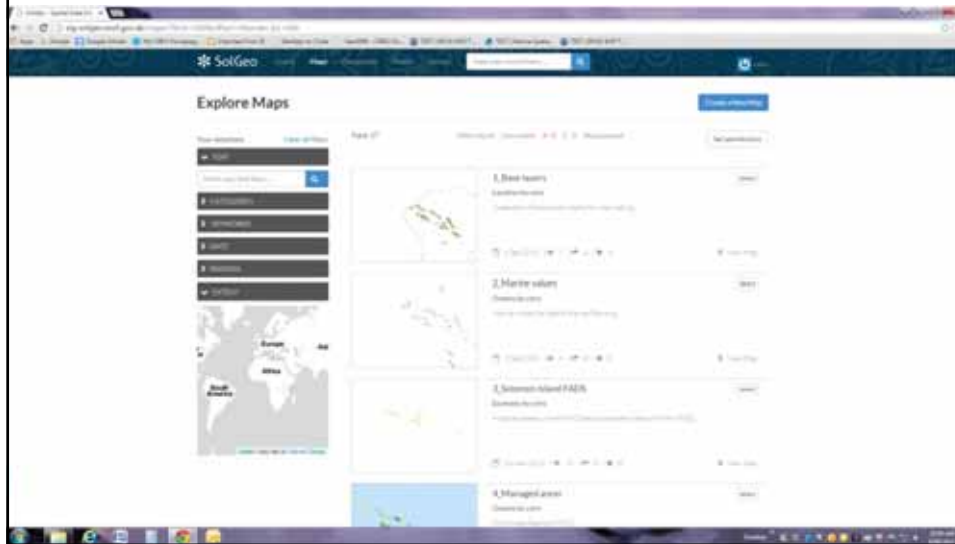


SolGeo



SolGeo

<http://sig-solgeo.mof.gov.sb/>



EPOG

- Donna Hayes Marine and Atmosphere, CSIRO, Hobart, Australia



Enhancing Pacific Ocean Governance (EPOG)

- Enhance access to useful spatial data (SPC)
 - Collate and organise data holdings
 - Implement web based data sharing, GIS, information portals
 - Locally appropriate tools and capacity for using spatial data
- Centralized spatial data collation and delivery systems
- MSP Tools - Oceans project portal
- Data collation and analysis
 - Ecosystem assets and values
 - National integrated oceans assessment
 - Pressures and uses
- MSP Tools - Decision support information portal
- Enhanced capacity (training)

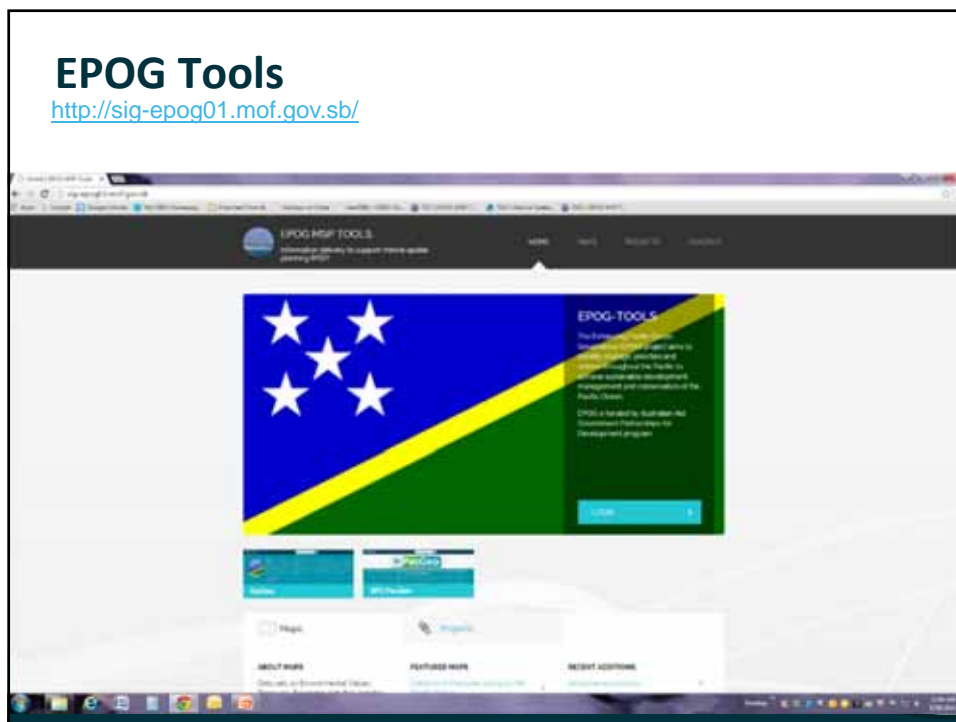
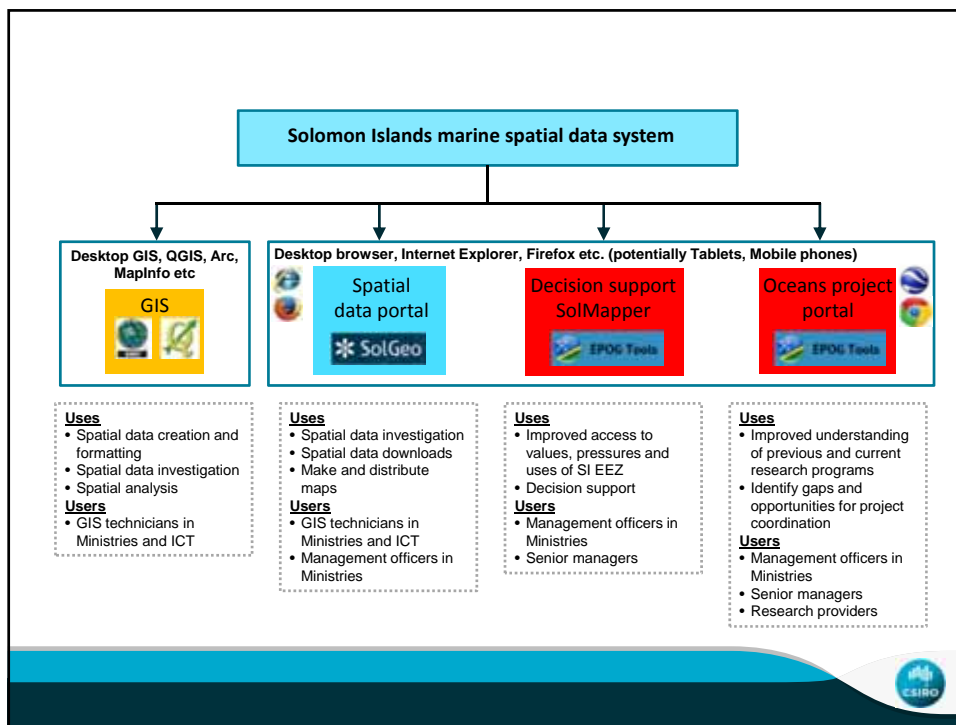


EPOG Team

- Piers Dunstan (Project Leader)
- Tim Skewes (lead Solomon Islands)
- Donna Hayes (lead Kiribati)
- Ian Mcleod
- Mibu Fischer

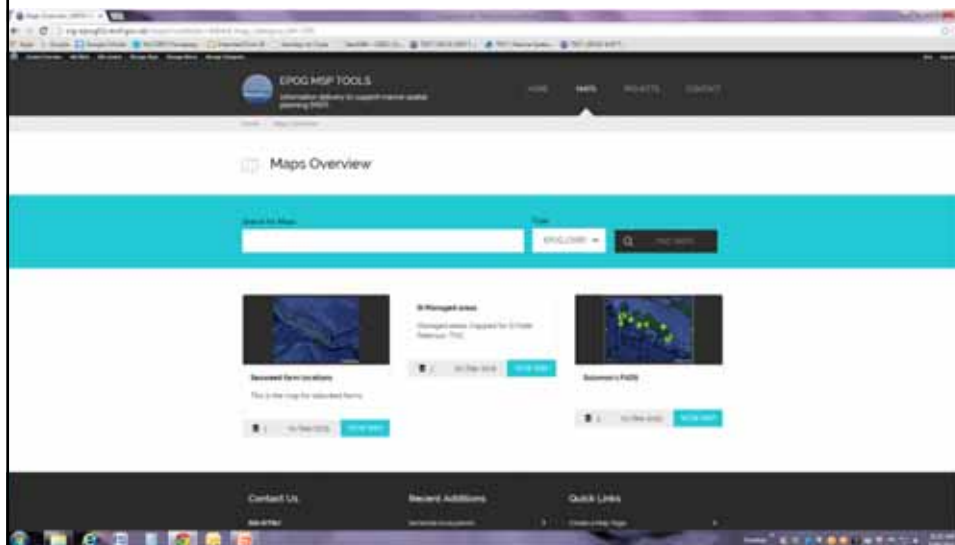
- SIG ICTSU, MECDM and MFMR
- PIFS
- SPC
- SPREP





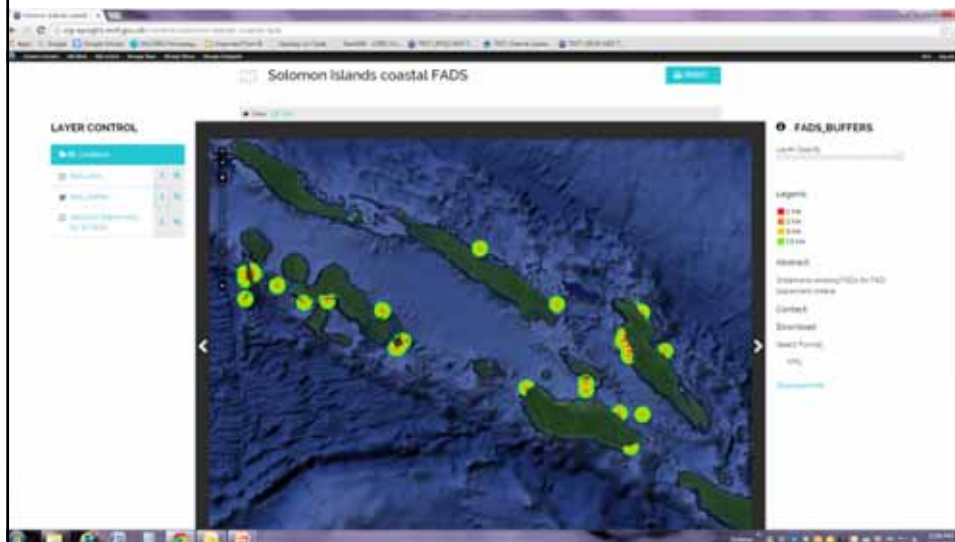
EPOG Tools - Mapper

<http://sig-epog01.mof.gov.sb/>

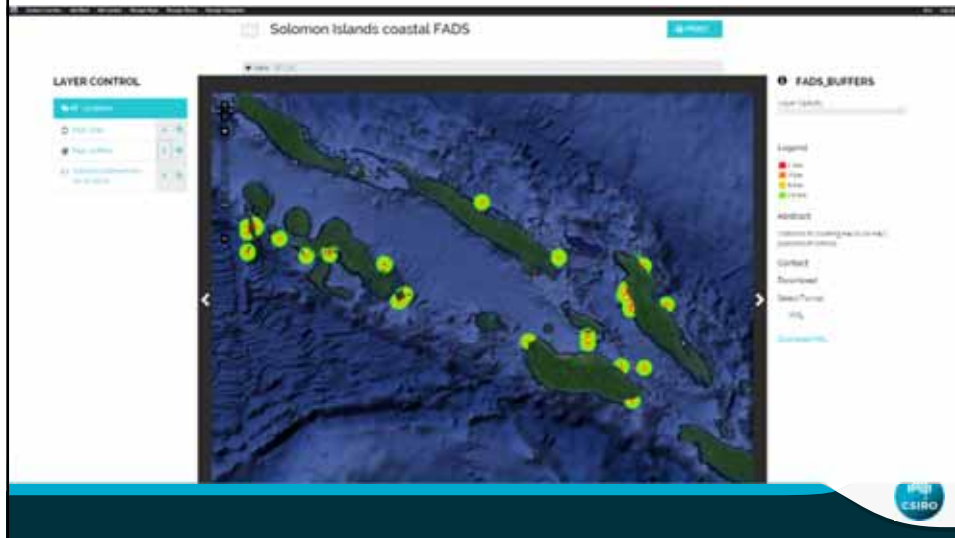


EPOG Tools - Mapper

<http://sig-epog01.mof.gov.sb/>



Information on distribution of FADs, Seaweed farms, MPAs, Marine Values

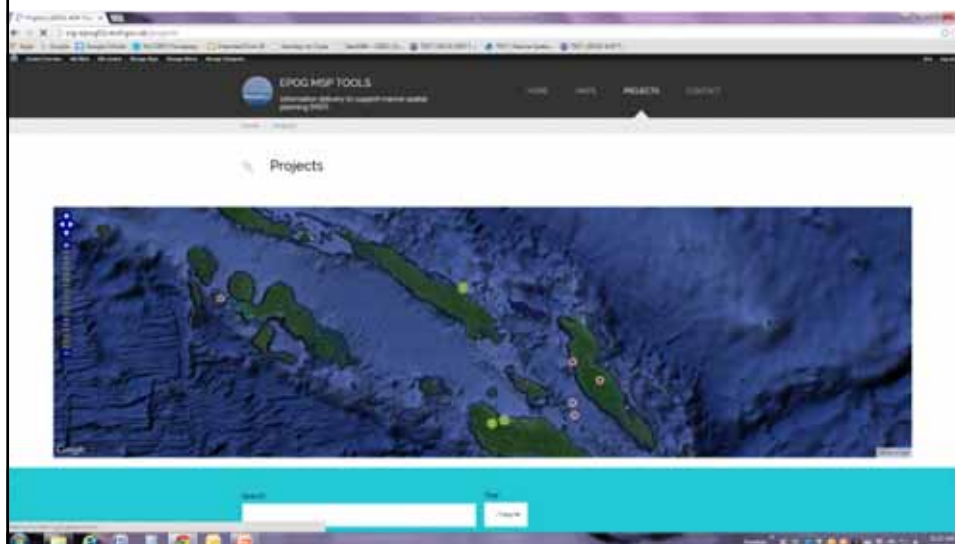


Introduction to MSP Tools



EPOG Tools – Project portal

<http://sig-epog01.mof.gov.sb/projects>



Solomon Islands Implementation of Project portal



EPOG project and update

- Implementation plan with ICTSU
- Spatial data systems and portal (with SPC)
- Data compilation (~700 layers)
- Project database compilation (~200 projects)
- Training and extension
- Decision support for MECDM and MFMR
 - FADS and Seaweed farms
 - MPAs and Marine values



Marine spatial planning programs in SI

- **MACBIO**
 - Support for SIG Integrated management – supported Ocean Summit
 - Economic assessments of marine and coastal ecosystem services
 - Spatial planning tools (GIS – QGIS)
 - Data compilation
 - Capacity support
 - Analyses to underpin MSP (e.g. bioregionalisation)
- **SPC**
 - Spatial data systems and decision support tools, and on-going support
- **MISSIF**
 - Spatial data (GIS) training in MFMR
- **CSIRO**
 - Spatial data and project information systems
 - Web based data sharing, GIS, information portals (with SPC)
 - Locally appropriate tools and capacity for using spatial data
 - National integrated oceans assessment
- **SPREP**
 - ESIS (Environmental Spatial Information System)



Thank you

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