

Development of Geo Portal in the Pacific Region

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Brief Outline

Background

Challenges

Current Status

Lessons Learnt

Way Forward



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Pacific Regional Workshop in Cook Islands 2013



Participants from Tonga, Samoa, Fiji, Solomons, Vanuatu, Kiribati and representatives from the various Ministries, Environment, Infrastructure, Meteorological Services, Health, Airport Authority, Power company, Red Cross, SOPAC.



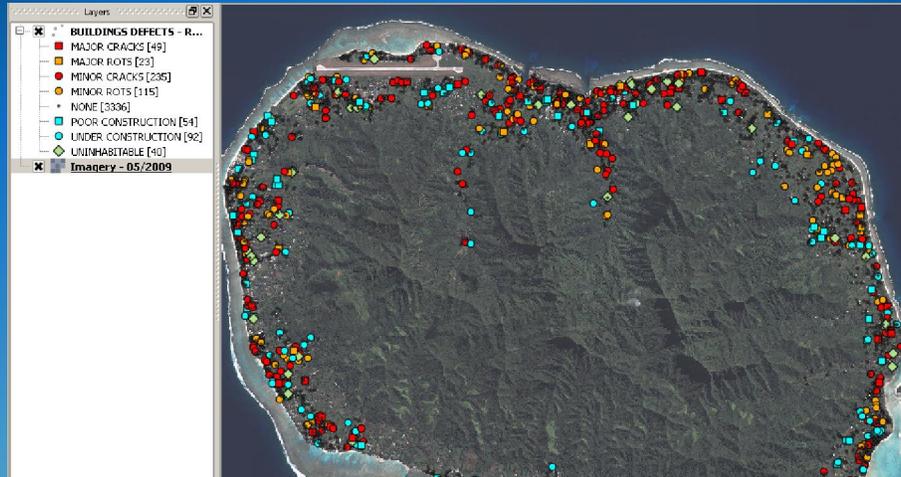
What is a Geo Portal

- The Geo Portal is a type of web portal used to find and access geographic information (both geospatial information and metadata) and associated geographic services via the Internet.
- <http://geodrm.maps.gov.ck:8181/>



Example

Conditions of buildings on Rarotonga



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Challenges in developing a Geo Portal



Lack of knowledge about a Geo Portal, the benefits and the expertise to develop one



No Leader or leading agency to drive the development of a Geo Portal for the nation



Difficulties in collecting and sharing of data among Ministries



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Tools



Equipment
Computers, Server & software



Office Space
Where will this GEO Portal be hosted?



Training
DRM training for GIS Technicians and GIS training for DRM Managers



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Current Status working progress

CK GeoPortal | Discovery | Visualization | User name: ***** | Sign in | English

Resource type: [dropdown]

Kia Orana and Welcome

From here, you can find Interactive Maps, GIS Datasets, Satellite Imagery and Related Applications

Like the purpose of GeoNetwork, our purpose is:

- To improve access to and integrated use of spatial data and information
- To support decision making
- To promote multi-disciplinary approaches to sustainable development
- To enhance understanding of the benefits of geographic information

More info this catalogue using the following services:

- Catalogue Service for the web (CSW) de l'OGC
- Open Archive Initiative (OAI-PMH)
- OpenSearch

GeoNetwork opensource allows to easily share geographically referenced thematic information between different organizations. For more information please contact:

Latest news

- Natural Earth: Imagery
- no-elast: b4f-994f22e_polyline
- Natural Earth: Boundary Lines
- avalia-elev

Territory: Cook Islands EEZ | Population: Ravolonga 2009 - Density by EA



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Capturing Meta Data

DATE REVIEWED: 6/3/2014

DRM GEO PORTAL DATABASE MAIN FORM

NAVIGATION

LOCATION & OWNERSHIP

Master ID: 2
MI ID: 13
OWNER: Apiti Porio
OCCUPIER:
ISLAND: Atiu
VILLAGE: Ngatiarua
TAPER: Ngatiarua
DISTRICT: Ngatiarua
PHONE:
LIVELIHOOD:

BUILDING STRUCTURE AND SERVICE DETAILS

BUILDING FOUNDATION: 2
BUILDING WALLS:
BUILDING TYPE: Residential
SEWAGE SYSTEM:
POWER SOURCE:
TOTAL WATERTANK CAP: 6000

POPULATION & OCCUPANCY DETAILS

OCCUPANCY STATUS: Occupied
TOTAL OCCUPANTS: 6
MALE: 1
FEMALE: 1
CHILDREN: 4
ELDERLY:
DISABLED:
SPECIAL NEEDS:

REMARKS:
NOTES: 6000 EACH

RESIDENTS WATER TANKS

ID	Master_ID	DATE_ENTRY	Name	AGE	OCCUPATION	PHONE	MOBILE	EMAIL	GENDER	REMARKS
* (New)	2									

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GEO PORTAL
United Nations
ESCAP
Economic and Social Commission for Asia and the Pacific
Emergency Management Cook Islands

DATABASE NEEDS

Looking to move from a **Microsoft Access Database** to a **web-based system**.

Reason: For data capturing and data analyses purposes when carrying out surveys in the outer islands by EMCI team and other ministries.

Successfully migrated data structure to Geo Portal

The screenshot displays the GEO PORTAL interface. On the left is a navigation menu with items like 'lutsbuildingtype', 'lutssector', 'mapinfo mapcatalog', etc. The main content area features a search bar with a 'Search' button and radio buttons for 'Exact phrase', 'All words', and 'Any word'. Below the search bar is a table with the following data:

master id	mi id	date reviewed	island	village	tapere	district	owner	occupier	phone	occ. status	pop. total	pop. male	pop. female
1		2014/06/03	2	Te Enui	Te Enui	Te Enui	Teokotali Tou	Toumiti Matangaro		Occupied	1	1	1
2		2014/06/03	2	Ngabiarua	Ngabiarua	Ngabiarua	Apia Porio			Occupied	8	3	3
3		2014/06/03	2	Te Enui	Te Enui	Te Enui	JOHN TEKAO			Occupied	6	4	
4		2014/06/03	2	Te Enui	Te Enui	Te Enui	MATAUTI TIPOKI			Occupied	1	1	0
5		2014/06/03	2	Te Enui	Te Enui	Te Enui	Ngamata Veiao	Maara Thompson		Occupied	5	3	3
6		2014/06/03	2	Te Enui	Te Enui	Te Enui	Taparoku Taurouku			Occupied	2	1	1
7		2014/06/03	2	Te Enui	Te Enui	Te Enui	Kutia Arai			Occupied	1	1	0
8		2014/06/03	2	Te Enui	Te Enui	Te Enui	Tangata Moauri	Mata Veiao		Occupied	3	1	2
9		2014/06/03	2	Te Enui	Te Enui	Te Enui	Poreo Tavai	Ake Tuaeu		Occupied	5	1	4

At the bottom of the screenshot are logos for the Emergency Management & Climate Change Cook Islands GEO PORTAL, the Cook Islands Government, and the United Nations ESCAP.

Pilot Project – Island of Atiu

- Full Data Capturing exercise
- Full Meta- Data Implementation

预览已结束，完整报告链接和二维码如下：

https://www.yunbaogao.cn/report/index/云报告?reportId=5_5382

