The Global Registries Initiative: Progress Report and Software Demonstration

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Who

- Jeremy Frumkin, Assistant Dean/Chief Technology Strategist, University of Arizona Libraries
  - Ockham Initiative http://www.ockham.org/
- Vic Lyte, Project Director, University of Manchester
  - Information Environment Service Environment http://iesr.ac.uk/
- Chris Blackall, Research Analyst, Australian National Data Service (ANDS)
  - ANDS Collections Registry https://services.ands.org.au/home/orca

What

- The Global Registries Initiative
- Collection/service registries record information about ‘collections’ of scholarly resources and related web services
- Collections? ‘Any grouping of digital items’
- Global? ‘register locally, discover globally’
- It works…stick around for the demo

Why

- Managing the data deluge
- Supporting data-intensive science (e-science)
- Federating of research data collections
- Why not leave it to Google?
- Why not use Semantic Web/Linked Data
  http://linkeddata.org/

How

- Collections and services records are harvested locally and aggregated nationally/globally
  - ‘Federated’ registry architecture
  - Metadata harvest protocol
  - Registry interchange formats
- Policies and metadata sharing agreements

USA

- Jeremy's slides goes here [3-4]

UK/Europe slides

- Vic's material goes here [3-4 slide]

Australia

- Collection/Service Registry initiative is a central part of national research infrastructure funded by the Australian Government
- Focus: Building a ‘Research Data Commons’ for data discovery and citation
- Drivers: research evaluation and impact; supporting national innovation & ‘big science’
- Barriers: lack of peer-recognition and rewards for researchers to manage and preserve data

Information Model

- ISO 2146 Slide

TEST—ands.org.au—Community-based catch-monitoring of dugongs (Dugong dugon) and green turtles (Chelonia mydas) in th...
http://pilot.apsr.edu.au/pages/ands_org_au/collection/ands_org_au_
Google
TEST—ands.org.au—Communit...
TEST Built: 2009-05-07T10:09:57.075+10:00
ands
AUSTRALIAN NATIONAL DATA SERVICE
Research Data Australia
Home | About | Disclaimer | Contact Us
Path: Home > ands.org.au > Collections >
Collection
Type: collection
Title: Community-based catch-monitoring of dugongs (Dugong dugon) and green turtles (Chelonia mydas) in the Kaiwalagal region of Torres Strait 2006
Description: full:
This study trialled community-based catch-monitoring strategies for dugongs and green turtles in two communities (Hammond and Thursday Islands) in the Kaiwalagal region (inner islands) of Torres Strait. Hunters completed datasheets after each hunting trip and these were collected weekly by Indigenous catch-monitors employed on the project. The catch-monitoring program was evaluated in terms of the reliability of the informaition collected and the suitability of the method to the communities. The information collected included biological information about the composition of the catch (e.g. sex ratio, size distribution, reproductive status), selectivity of the green turtle catch, catch-effort, catch-gear and the uses for which dugongs and turtles were hunted. The participating communities can use the information in future management of dugongs and green turtles in their communities.
Address: url: http://www.marine.csiro.au /marq/edd_search.Browse_Citation?txtSession=6843
Subject:
050205 (anzsrc-for) Environmental Management
050201 (anzsrc-for) Aboriginal and Torres Strait Islander Environmental Knowledge
050202 (anzsrc-for) Conservation and Biodiversity
060205 (anzsrc-for) Marine and Estuarine Ecology (incl. Marine Ichthyology)
Custodian:
Grayson · Jillian
James Cook University
Search Research Data Australia
Community based catch monitoring o
Search
powered by Google
Community-based catch-monitoring of
Mar 15, 2007 ... Community-based catch-monitoring of dugongs (Dugong dugon) and green turtles (Chelonia mydas) in the Kaiwalagal region of Torres Strait 2006 ...
www.marine.csiro.au
Information to assist Torres Strait Islanders
4.1.1 Provide a workshop in the Kaiwalagal region for Torres Strait Islander ..... In Australia, the dugong, Dugong dugon, has a panmictic genetic structure (Brenda ..... 3.3.4.1 A Community-based dugong and marine turtle catch- monitoring program. ..... Green sea turtles Chelonia mydas stranded by cyclone Kathy on ...
www.cmar.csiro.au
Search Results
Community-based catch-monitoring of dugongs Dugong dugon and green turtles Chelonia mydas in the Kaiwalagal region of Torres Strait 2006. p This study ...
www.csiro.gov.au
2006 Publications - JCU
Grayson J, Hamann M & Marsh HD (2006) Community-based catch-monitoring of a

Summary & Directions

- 2 slides

Demonstrator 1: ANDS Pilot

- The ANDS Collection/Service Registry global pilot: This demonstrator aggregates records from three collection/service registries into a combined registry run by the Australian National Data Service (ANDS)
- The aggregated pool of records is from Australia, UK, and USA, and can be searched and browsed
- Aggregation is performed using the OAI-PMH (Protocol for Metadata Harvesting) with the RIF-CS Interchange format
- https://devel.apsr.edu.au/cosi/orca/search.php

Demonstrator 2: LibraryFind

- This demonstrates the usage of meta-search, or the querying of registries distributed over three different continents
- It supports distributed search protocols such as z39.50, SRU/SRW, and Open Search, as well as OAI-PMH aggregation
- http://apollo.library.oregonstate.edu:3001/record/search