

“ Gateway to environmental information ”



**eco****Mundus**

<http://www.unep.org/ecomundus>



UNEP

# A Short History

**Sep 2000:** Initial planning meeting at ESRI, Redlands.

**Feb 2001:** Official launch of UNEP.Net at GC.21.

**End 2001:** Management structure put in place

**Jan 2002:** UNEP.Net project plan – first draft

**End 2002:** Evaluation of first phase of UNEP.Net carried out.

**2003/ 2004:** Collaboration was initiated with FAO, in particular the to enhance geonetwork to better serve the needs of UNEP.Net

**2004/2005:** First user needs survey conducted by GRID-Arendal.

**Sep 2005:** UNEP.Net meeting – new approach to institutionalizing a discovery tool

**Feb 2006:** UNEP.Net is renamed ecoMundus and marks a new phase of implementation



# What is ecoMundus ?

- ecoMundus is a strongly collaborative initiative, catalyzed by the United Nations Environment Programme (UNEP) to improve access to and dissemination of environmental information and data.



# How will it do this ?

- Portal services of geonetwork open source
- Metadata management functions of geonetwork open source
- Identification of reliable and trusted partners

# Geonetwork portal services

- [portal.search](#)
- [portal.category](#)
- [portal.featured](#)
- [portal.latestupdated](#)
- [portal.present](#)

# portal.search

<http://HOST:PORT/geonetwork/srv/en/portal.search?any=water management>

```
- <response>
- <summary count="72" type="local">
  - <keywords>
    <keyword count="13" name="water resources management" />
    <keyword count="12" name="water scarcity" />
    <keyword count="7" name="water management" />
    <keyword count="6" name="waste management" />
  </keywords>
  - <categories>
    <category count="1" name="interactive tools" />
    <category count="7" name="maps" />
    <category count="51" name="publications" />
  </categories>
</summary>
</response>
```



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# portal.present

<http://HOST:PORT/geonetwork/srv/en/portal.present?from=1&to=1>

- <metadata xmlns:dc="http://purl.org/dc/elements/1.1/">
  - <title>Integrated Water Resources Management [IWRM]: TAC [Technical Advisory Committee ] Background Papers No. 4</title>
  - <abstract>This paper defines the concept of IWRM and discusses strategies for implementing it. The principles of IWRM include using a participatory approach that includes users, planners and policy-makers and that recognizes the unique role of women in water management. Specific roles for governments and institutions are discussed. Management tools for assessment and water conflict resolution are included. Purpose: This report is intended for use by professionals and decision-makers in the field of water resource management.</abstract>
  - <format>PDF</format>
  - <link><http://www.gwpforum.org/gwp/library/Tacno4.pdf></link>



</metadata>  
</response>

UNEP

United Nations Environment Programme  
**ecoMundus**  
 Gateway to environmental information

Search ecoMundus

**ecoMundus**

Welcome to the **Global Partnership for Environmental Information** — a global collaborative initiative to provide access to authoritative environmental information and data from relevant institutions, programmes and initiatives.

The "under construction" icons have been placed against key utilities of the initiative for informational purposes. These will be operational as the implementation of the various strategic progresses.

Soon, you will be able to search and access information and data from a network of information systems, managed by our partners through our toolset.

At the moment, we are preparing to launch the initiative at the Multilateral Partners Meeting which will contribute to the catalysis of the website.

**A selection of our partners**






**in the spotlight**

**Gene Bank Portal**

<http://genbank.gpff.unep.ch/>

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**Category Index**

- Datasets (150)
- Expertise (350)
- Interactive Tools (100)
- Maps (580)
- Projects (470)
- Publications (1470)



You are here: Home > Search

- Home
- About ecoMundus
- Help
- Categories (144)
- Database (144)
- Database (144)
- Database (144)
- Database (144)
- Database (144)
- Database (144)

Water Resources Management | Search Criteria | Advanced Search

**List Results** | **Interactive Results**

Showing 1-4 of about 140 of Water Resource Management

[Freshwater Resources](#)

Access to water is perhaps one of the greatest challenges for sustainable development in Africa. This resource includes three graphics. The first shows the average annual freshwater withdrawal, in cubic metres per capita per year, at the national level...

Source:GRID-Arendal | [view full metadata](#)

[Water Resources: Resource of Risk - Proceedings of the 3rd International Conference, Bangkok, 20-24 July 1994](#)

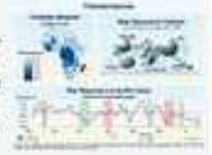
The conference, co-ordinated by UNESCO's 20-24 July 1994, was a follow-up to the successful 1994 (Water Resources) Resource of Risk, International Conference held in Mexico, 7-10 April 1994. The papers in this...

**List Results** | **Interactive Results**

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### You Are Here (Home)

#### Navigation

##### Home

##### About ecoMundus

##### Help

#### Library Index

- Database (29)
- Exercise (28)
- Journal Article (18)
- Map (28)
- Project (18)
- Publisher (14)

Search for:  Search EcoMundus Advanced Search

### ecoMundus

Welcome to the **Global Partnership for Environmental Information** – a global collaboration between the private sector and the public sector to provide environmental information and decision-making content on a range of products, programmes and initiatives.

The "under construction" sign has been placed against key entities of the initiative for its initial period. They will be operational as the implementation of the partner website progresses.

Soon, you will be able to search and access information and data from a network of information systems prepared for use online throughout the world. At the moment, we are preparing to launch the release of the Global Partnership Partner Working which will contribute to the operation of this website.

#### A Selection of Our Partners

<http://www.unep.org>
<http://www.cigar.net>
<http://www.sustainablealliance.org>

#### Highlights

- Database: World Bank Database on Environmental Indicators (WBI Database) 2006-04-04
  - Database: Air Quality (CIS Environmental Protection Agency) 2006-04-04
  - Database: Air Quality (CIS Environmental Protection Agency) 2006-04-04
- [View all highlights...](#)

#### In The Spotlight

Viewing Portal

**In The Spotlight**

**View Data Portal**

**Search the ECO Database**

Enter search keywords in the search box

<http://geodata.unep.org/>





## Find Interactive Maps, GIS datasets, Satellite Imagery and Related Applications

Free Text

[Advanced search](#)

[Remote search](#)



### Info in interactive maps

You can find interactive maps by searching in GeoNetwork for digital data with an interactive map, or directly connect to a pre-configured map server.

Supported map servers are OpenGIS® Consortium compliant WMS Map Servers and ESRI® ArcIMS Map Servers.

### GeoNetwork's purpose is:

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

GeoNetwork OpenSource allows to easily share geographically referenced thematic information between different organizations. For more information please contact: [taylor@qrida.no](mailto:taylor@qrida.no) or send us [feedback](#)

### Featured map

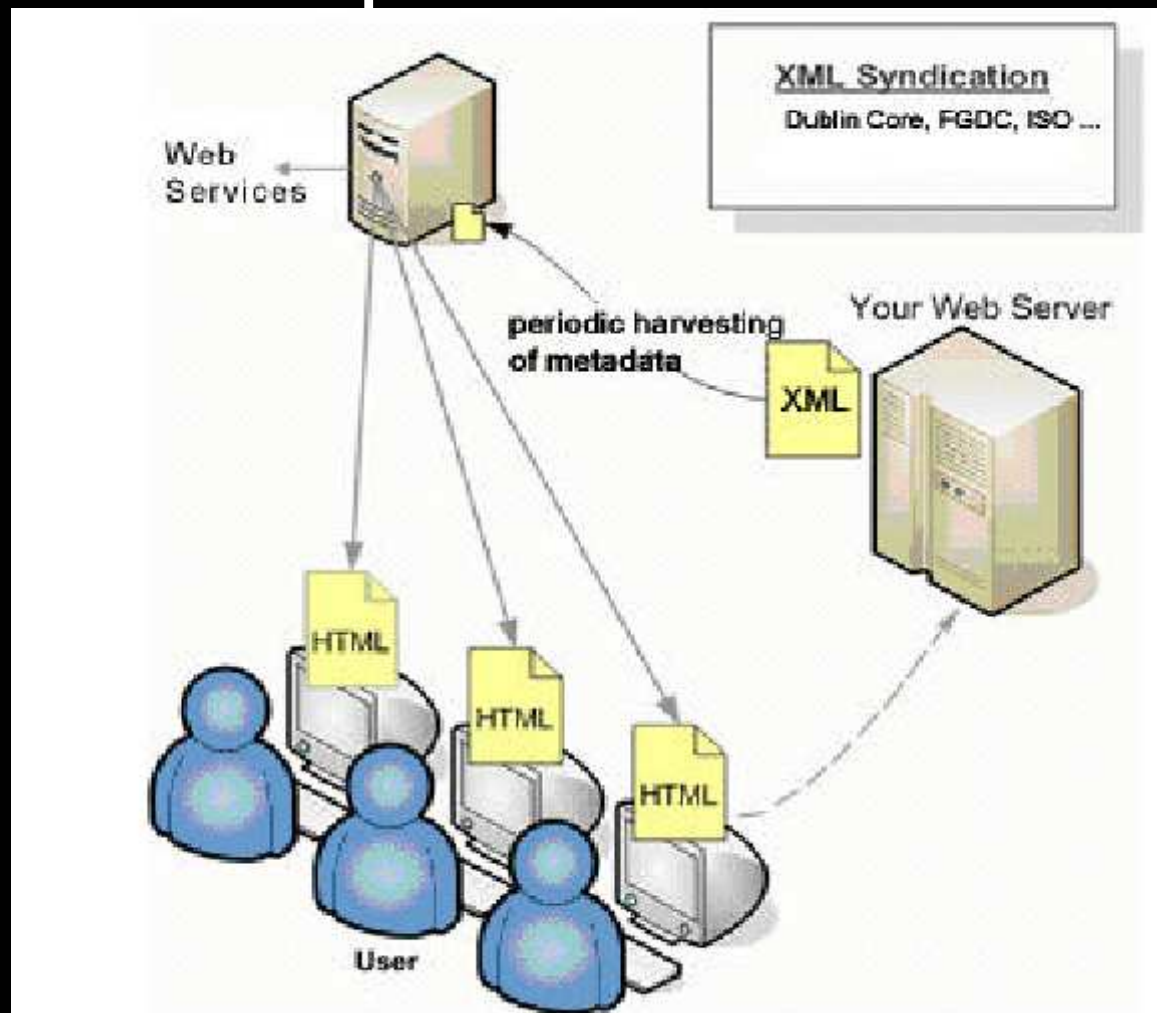
### Recent Additions

### Categories

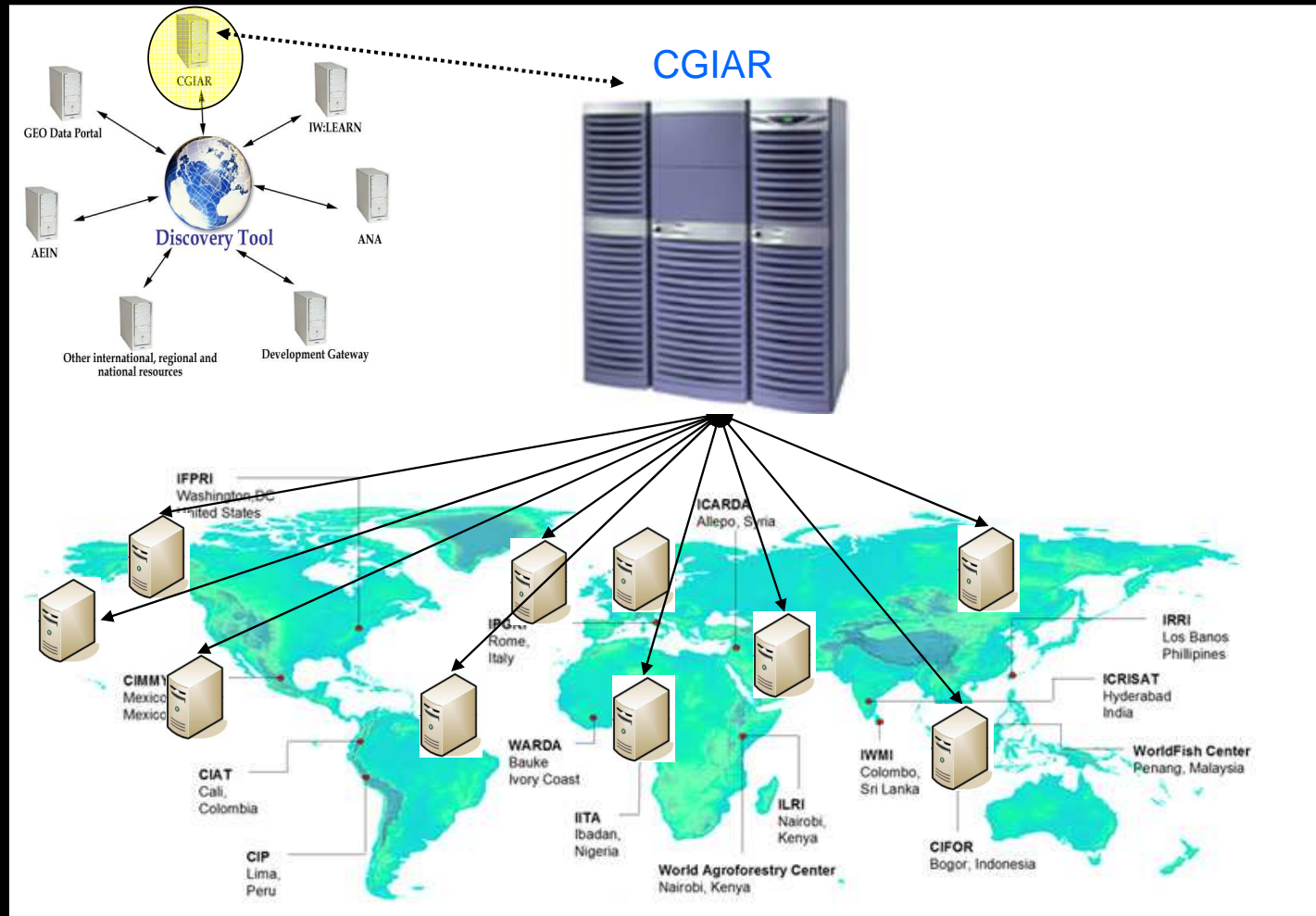
- [International Conference on Sustainable Agriculture and Rural Development in Mountain Regions \(SARD\) 16-20 June 2002, Adelboden, Switzerland.](#)
- [Twenty-second regional conference for Africa, Cairo, Egypt, 4 - 8 February 2002 Sustainable](#)

- [\[Expertise\]](#)
- [\[Interactive Tools\]](#)
- [\[Projects\]](#)
- [\[Publications\]](#)
- [Datasets](#)
- [Maps & graphics](#)

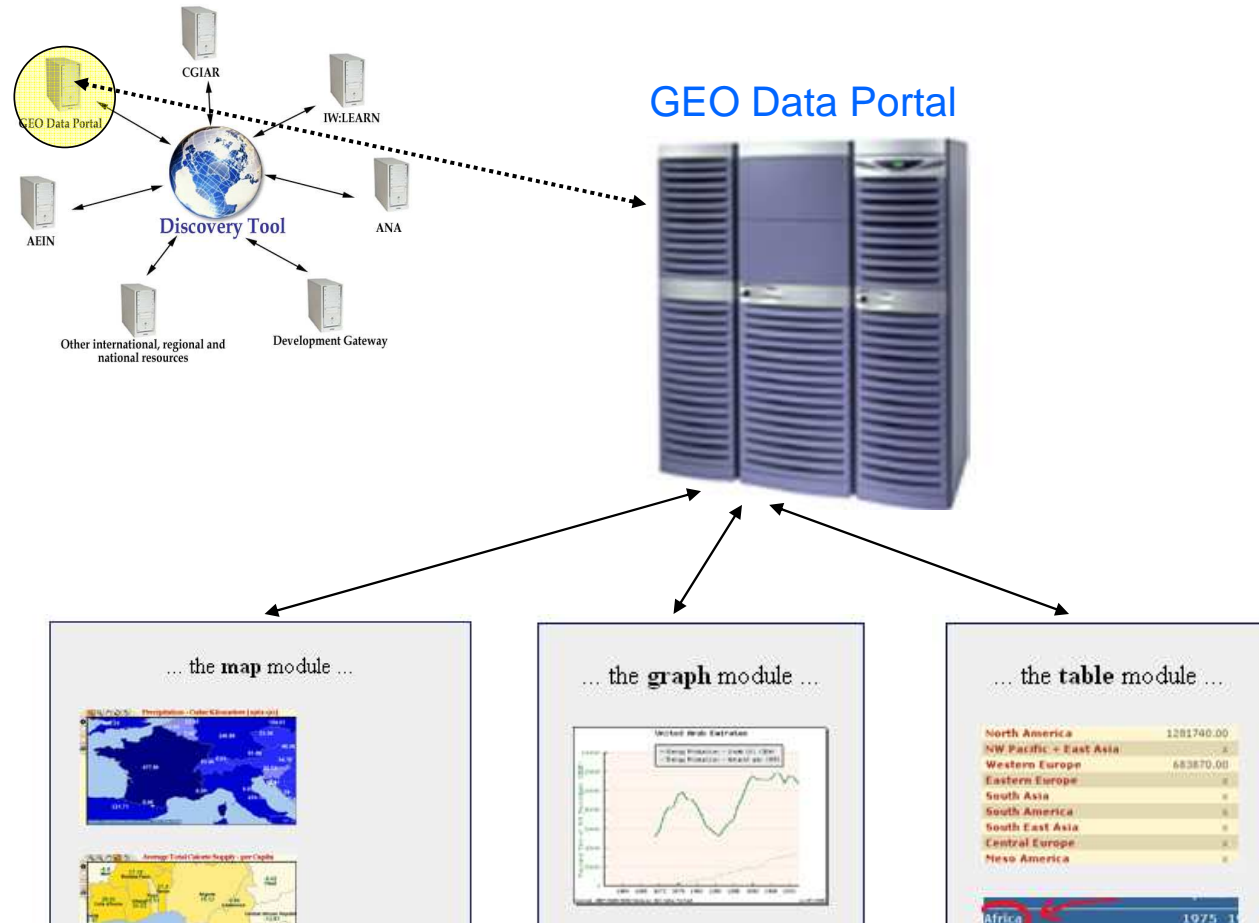
# implementation



# CGIAR Example



# UNEP-geodata portal example



# Critical capabilities for geonetwork 2+

- Harvest from:
  - Remote locations via http (e.g. <http://fao.org/xml/>)
  - Non-Geonetwork installations
- Create of other metadata structures (e.g. RSS)
- Transform one metadata type to another (e.g. FGDC->RSS)
- Publishing installation able to set harvesting policy
- Full implementation of Catalogue Services spec.



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Thank You

