



Met Office

GeoNetwork 3 features relevant to OpenWIS 4

By Dominic Woollatt - Met Office



Met Office

Links

- OpenWIS v4.0
 - <http://cgn-openwis.eurodyn.com/geonetwork>
- GeoNetwork 3.2.1
 - <http://cgn-original.eurodyn.com:8080/geonetwork>

My Observations:

- **User Experience**
 - Home page
 - Search page and results
 - Subscription/ad-hoc (if available)
- **Admin page**
 - Groups
 - Privileges
 - Categories
 - Users
 - Blacklisting
 - Harvesting
 - Metadata – standards/adding/importing/editing
 - Reports
 - Status/Statistics
 - Batch Process
- **What's Missing compared to v3.14**

Get started

Search over 55440 data sets, services and maps, ...

My organization Data Portal

Here you will find data, services and maps and more.

Search ... `<gmd:hierarchyLevel>`

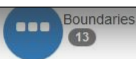
Browse by to



Clin
3



Oceans
17



Boundaries
13



Biota
3



Software
19



Service
2

`<gmd:MD_ScopeCode codeList="http://standards.iso.org/ittf/PubliclyAvailableStandards/ISO_19139_Schemas/resources/Codelist/gmxCodeList" />`

`</gmd:hierarchyLevel>`

`</gmd:topicCategory>`

Latest news Most popular

Basic measurements of radiation at station Florianopolis (2014-06)
Dataset

Basic measurements of radiation at station São Martinho da Serra (2010-01)
Dataset

Basic measurements of radiation at station São Martinho da Serra (2011-02)
Dataset

Basic measurements of radiation at station Petrolina (2012-02)
Dataset

Basic measurements of radiation at station São Martinho da Serra (2011-05)
Dataset

Basic measurements of radiation at station São Martinho da Serra (2011-03)
Dataset

Basic measurements of radiation at station São Martinho da Serra (2010-12)
Dataset

Basic measurements of radiation at station São Martinho da Serra (2011-01)
Dataset

Basic measurements of radiation at station São Martinho da Serra (2011-04)
Dataset

Search ...

What ?

Categories

Keywords

Contact for the resource

When ?

Resources created in the last▼

From To

Records created in the last▼

From To



TYPE OF RESOURCES

- Dataset (572)
- Series (1987)

TOPICS

- Boundaries (1)
- Climatology, meteorology, ... (2558)

KEYWORDS

- Atmospheric conditions (781)
- Climatology, meteorology, ... (2558)
- Meteorological geographical... (734)
- Meteorology (625)
- OriginatingCentre (660)

10 more

CONTACT FOR THE RESOURCE

- ECMWF (217)
- INMET, Brazil (371)
- NMC AUSTRALIA - Bureau of... (709)
- NMC BRAZIL - Instituto... (237)
- NMC FRANCE - Météo-France (622)

20 more

PROVIDED BY

- WIS-GISC-BRASILIA (558)
- WIS-GISC-MELBOURNE (1049)
- WIS-GISC-TOULOUSE (952)

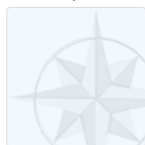
YEARS

- 2013 (316)
- 2014 (13)



Categories ☆☆☆☆☆

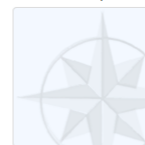
[SMVX01 collection of SHIP reports available from WSSS \(SINGAPORE/CHANGI...](#)



--- The bulletin collects SHIP reports: FM 13 (SHIP, Report of surface observation from a sea station), (Refer to WMO No.306 - Manual on Codes for the definition of WMO international codes) --- The SMVX01 TTAai Data Designators decode (2) as: T1 (S): Surface data. T2 (M): Main synoptic hour. A1 (V): Mobile ships and other marine stations. A2 (X):

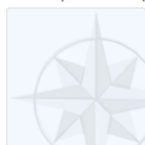
Categories

[IUJS01 collection of SHIP reports available from WSSS \(SINGAPORE/CHANGI...](#)



Categories ☆☆☆☆☆


[IUKK96 collection of Observational data \(Binary coded\) - BUFR \(Upper air\)...](#)



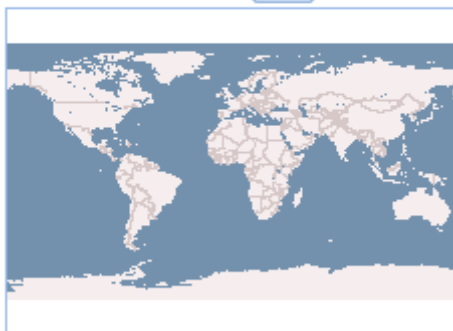
The Bureau operates a balloon based upper air sonde using a combination of RS92 sondes flights (TEMP) and wind-only flights (PILOT). TEMP flights are generally flown at 00Z and selected stations at 12Z. Stations perform a combination of wind-only flights at the interim hours of 06Z, 12Z and 18Z. Data is processed by DigiCora software. A combination of

Categories

[ISNK28 collection of Observational data \(Binary coded\) - BUFR \(Upper air\)...](#)



WHERE?



lat (min) long (min)

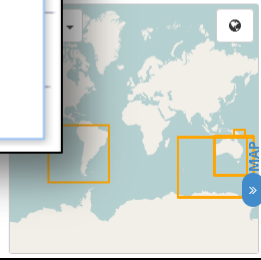
lat (max) long (max)

Type

- overlaps
- intersection
- overlaps
- encloses
- is fully outside of
- crosses
- touches
- within

English ▼

1 - 20 on 2559 < >



[Back to search](#)

HTAW85 GRIB bulletin available from ECMF (EUROPEAN CENTRE FOR MEDIUM RANGE WEATHER FORECASTS) at 00 UTC

Updated: 5 years ago

---- The bulletin is coded as GRIB code form:
FM 92 (GRIB, General regularly-distributed information in binary form).

(Refer to WMO No.306 - Manual on Codes for the definition of WMO international codes)

---- The HTAW85 TTAAii Data Designators decode (2) as:
T1 (H): Grid point information (GRIB).
T2 (T): Temperature.
A1 (A): 0° - 90°W northern hemisphere.
A2 (W): Not assigned.
ii (85): 850 hPa.

(2: Refer to WMO No.386 - Manual on the GTS - Attachment II.5)

Temporal extent

Publication date
2001-03-21

Provided by



Share on social sites



Rating



Download and links

-  [HTAW85 GRIB bulletin available from ECMF \(EUROPEAN CENTRE FOR MEDIUM RANGE WEATHER FORECASTS\) at 00 UTC at RSMC-Medium-Range-Forecasting ECMWF...](#)
RSMC-Medium-Range-Forecasting ECMWF Reading
-  [HTAW85 GRIB bulletin available from ECMF \(EUROPEAN CENTRE FOR MEDIUM RANGE WEATHER FORECASTS\) at 00 UTC at RSMC-Medium-Range-Forecasting ECMWF...](#)
RSMC-Medium-Range-Forecasting ECMWF Reading

OpenWIS Subscriptions





About this resource



Met Office

View Metadata cont...

About this resource

Categories  

Keywords
• Atmospheric conditions
• Climatology, meteorology, atmosphere

```

- <gmd:keyword>
  <gco:CharacterString>Atmospheric conditions</gco:CharacterString>
</gmd:keyword>

```

Contact for the resource

Point of contact
RSMC-Medium-Range-Forecasting ECMWF Reading - ECMWF
Data Services
Shinfield Park, READING, RG2 9AX, UNITED KINGDOM
Call T+44 1189869450

Technical information

Table with 2 columns: Property (Update frequency, Representation type, Format, Lineage) and Value (Daily, Grid, GRIB, High data quality controlled according to the procedures of the GTS)

Metadata information

Download metadata

Contact
Point of contact
RSMC-Medium-Range-Forecasting ECMWF Reading - ECMWF
Data Services
Shinfield Park, READING, RG2 9AX, UNITED KINGDOM
Call T+44 1189869450

Back to search

WSAU21 collection of Warnings (SIGMET) available from APR

Transfer Ownership

Create a child record

Create a series



From HTAW85 GRIB bulletin available from ECMF (EUROPEAN CENTRE FOR MEDIUM RANGE WEATHER FORECASTS) at 00 UTC

HTAW85 GRIB bulletin available from ECMF (EUROPEAN CENTRE FOR MEDIUM RANGE WEATHER FORECASTS) at 00 UTC

In ...

Sample group

+ Create

- Transfer Ownership
- Duplicate
- Create a child

This bulletin collects Warnings (SIGMET) available from APR 2012 (W) Data Type: Warnings Priority: 1 T2(S) Data Type: SIGMET Code Form: [TEXT] A1A2(AU) Country: Australia ii(21) Note: See WMO-No 3863 CCCC(APRF) Location Name: Perth (AU) Country Name: Australia

About this resource

Categories

Keywords

Language English

Legal constraints WMOEssential GTSPriority1

Contact for the resource

Point of contact
NMC AUSTRALIA - Bureau of Meteorology
gisc-op@bom.gov.au
GPO Box 1289, 700 Collins Street Docklands, MELBOURNE, VIC 3001, AUSTRALIA
Call T+61 396694000

Creation date
2012-12-18










Publication date
2012-12-18

Revision date
2012-12-18

Provided by

Share on social sites



 <p>Metadata and templates</p>	 <p>Harvesting</p>	 <p>Statistics and status</p>
 <p>Reports</p>	 <p>Classification systems</p>	 <p>Standards</p>
 <p>Users and groups</p>	 <p>Settings</p>	 <p>Tools</p>

2994
Series
575
Dataset
2
Service
1
service-OGC:WMS
1
service-ISO 23950 gateway
1
Collection session
1
Maps and graphics

3573
records in the catalog

Groups, Roles & Privileges

The catalogue uses the concept of Users, Groups and User Profiles.

A User can be part of one or more Groups.

A User has a Role in a Group.

The Administrator Role is not related to a Group.

The combination of Role and Group defines what tasks the User can perform on the system or on specific metadata records.

Users can have different roles in different groups. A role defines what tasks the user can perform.

Roles are hierarchical and based on inheritance. This means that a user with an Editor profile can create and modify new metadata records, but can also use all functions a Registered user can use.



Met Office

Groups

- Manage groups
- Manage users
- BlackList
- My Subscriptions
- My requests

Groups

Institutional

Sample group






+ New group

Privileges

Privileges


Who has access

The privileges will be updated for all editable records in the selection. The privilege form is empty and does not reflect the selected records current privileges! Privileges are reset and replaced by the new one.

Groups ↓	 Publish	 Interactive Map	 Download	 Editing	 Notify	Set all privileges
All	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>
Intranet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>
Guest	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>
Sample group	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>



 Replace by selected

 Add selected



Roles

Administrator Profile

User Administrator Profile

Content Reviewer Profile

Editor Profile

Registered User Profile

Administrator Profile

The Administrator has special privileges that give access to all available functions.

These include:

- Full rights for creating new groups and new users
- Rights to change users/groups profiles
- Full rights for creating/editing/deleting new/old metadata
- Perform system administration and configuration tasks.

User Administrator Profile

The User Administrator is the administrator of his/her own group with the following privileges:

- Full rights on creating new users within the own group
- Rights to change users profiles within the own group
- Full rights on creating/editing/ deleting new/old metadata within the own group

Content Reviewer Profile

The content reviewer is the only person allowed to give final clearance on the metadata publication on the Intranet and/or on the Internet:

- Rights on reviewing metadata content within the own group and authorising its publication

Editor Profile

The editor works on metadata with following privileges:

- Full rights on creating/editing/ deleting new/old metadata within the own group

Registered User Profile

The Registered User has more access privileges than non-authenticated Guest users:

- Right to download protected metadata (not data – yet)



Blacklisting

BlackList

Show 10 entries

Search:

User	Nb Warn	Vol Warn	Nb Blacklist	Vol Blacklist	Status
------	---------	----------	--------------	---------------	--------

No data available in table

User	Nb Warn	Vol Warn	Nb Blacklist	Vol Blacklist	Status
------	---------	----------	--------------	---------------	--------

Showing 0 to 0 of 0 entries

First Previous Next Last



Users

Users

Filter

admin admin (Administrator)

Dom Woollatt (Administrator)

[+ New user](#)

[Need help](#)

New user **test 1** (Registered user) [Delete](#) [Save](#) [Reset password](#)

Enable

User name
Name to use when sign in

Password

Repeat password

Name

Surname

Email

Organisation

Address

Address

ZIP

State

City

Country

Select user groups per profile

Is an administrator ?

Registered user

Managing categories

- Categories separate metadata into groups, without changing the actual content of the metadata.
- Categories can be used to filter a search result, or limit the output of a custom csw endpoint.
- A category needs to be assigned to a metadata document
- Available categories can be modified

Note: If you add or modify categories, they may not obtain an appropriate icon. These icons are managed in `/catalog/style/gn_icons.less`. In this file category-classes are mapped to font-awesome variables that map to a certain font-awesome icon (<http://fontawesome.io>)



Met Office

Categories

Search

Map

+ Contribute

Admin console

Thesaurus

Directory

Category

Categories

Filter

Registers

Physical Samples

WIS-GISC-MELBOURNE

WIS-GISC-BRASILIA

WIS-GISC-TOULOUSE

WIS-GISC-JEDDAH

Previous 2 / 2 Next

+ New category

Need help



Met Office

Harvesting

Search

Map

Contribute

Admin console

Setting

Report

Harvester

Filter

▶ WIS-GISC-BRASILIA (OAI/PMH) 558

▬ WIS-GISC-JEDDAH (OAI/PMH)

▶ WIS-GISC-MELBOURNE (OAI/PMH) 4443

▶ WIS-GISC-TOULOUSE (OAI/PMH) 🔄

+ Harvest from

Clone



Need help

Setting Report

Harvester

Filter

- ▶ WIS-GISC-BRASILIA (OAI/PMH) 568
- ▶ WIS-GISC-JEDDAH (OAI/PMH)
- ▶ WIS-GISC-MELBOURNE (OAI/PMH) 1113
- ▶ WIS-GISC-TOULOUSE (OAI/PMH)

+ Harvest from Clone Refresh

Need help

Update harvester WIS-GISC-MELBOURNE

Delete Remove 1113 records Save Harvest

Identification Schedule on off

Node name and logo

WIS-GISC-MELBOURNE

The name describing the remote node.

Group

Institutional

Only the catalog administrator or user admin of this group can manage this node.

harvesterUser

harvesterUserHelp

Configuration for protocol OAI/PMH

URL

http://wis.bom.gov.au/openwis-user-portal/srv/oaipmh

The oaipmh server url

Search filter

From

Until

Set WIS-GISC-MELBOURNE(WIS-GISC-MELBOURNE)

Prefix iso19139

Advanced options for protocol oaipmh

Remote authentication

Category

WIS-GISC-MELBOURNE

Privileges for harvested records

Harvesting cont...

Harvester

Filter

- ▶ WIS-GISC-BRASILIA (OAI/PMH) 558
- ▬ WIS-GISC-JEDDAH (OAI/PMH)
- ▶ WIS-GISC-MELBOURNE (OAI/PMH)
- ▶ WIS-GISC-TOULOUSE (OAI/PMH) 4443

Update harvester WIS-GISC-TOULOUSE

Delete Remove records Save Harvest

Harvest error error

Java heap space

Identification Schedule on off

Deadlocked Threads

Sufficient free file handles

No Harvesting Errors

The following harvesters has errors during their last harvest:
* WIS-GISC-TOULOUSE (oaiipmh): null

Metrics

- Metrics
- Health Check
- Threads

Activity

Thread Status

Load samples and templates for metadata standards

Standards available

0 selected

Geographic information -- Metadata (iso19139)

ISO 19115 defines the schema required for describing geographic information and services by means of metadata. It provides information about the identification, the extent, the quality, the spatial and temporal aspects, the content, the spatial reference, the portrayal, distribution, and other properties of digital geographic data and services. ISO 19115 is applicable to: - the cataloguing of all types of resources, clearinghouse activities, and the full description of datasets and services; - geographic services, geographic datasets, dataset series, and individual geographic features and feature properties. ISO 19115 defines: - mandatory and conditional metadata sections, metadata entities, and metadata elements; - the minimum set of metadata required to serve most metadata applications (data discovery, determining data fitness for use, data access, data transfer, and use of digital data and services); - optional metadata elements to allow for a more extensive standard description of resources, if required; - a method for extending metadata to fit specialized needs. Though ISO 19115 is applicable to digital data and services, its principles can be extended to many other types of resources such as maps, charts, and textual documents as well as non-geographic data. Certain conditional metadata elements might not apply to these other forms of data.

[More information ...](#)

Dublin core (for CSW only) (csw-record)

Dublin core (dublin-core)

[More information ...](#)

Geographic information -- Methodology for feature cataloguing (iso19110)

[More information ...](#)

Load templates for selected standards

Load samples for selected standards

[Need help](#)

Adding Metadata

Only my record Search ...

+ Add new record

Import new records

Manage directory

Batch editing

Create or import new record from this page. Quickly access and manage all metadata records.

- TYPE OF RESOURCES
 - Dataset (590)
 - Series (3310)
 - Service (8)
 - Service-OGC:WMS (4)
 - Service-W3C:HTML:LINK (3)
 - 5 more
- CATEGORIES
 - Case studies, best practices (1)
 - Datasets (4)
 - Interactive resources (2)
 - Maps & graphics (2)
 - Photo (1)
 - 4 more
- PROVIDED BY
 - My GeoNetwork catalogue (37)
 - WIS-GISC-BRASILIA (558)
 - WIS-GISC-JEDDAH (245)
 - WIS-GISC-MELBOURNE (1049)
 - WIS-GISC-TOULOUSE (2030)
- VALIDATION STATUS
 - Invalid (1)
 - Never validated (3918)
- GROUPS
 - All (25)
 - Institutional (1)
 - Sample group (5)
- VISIBLE BY
 - All (3913)
 - Institutional (1)
 - Intranet (5)
 - Sample (10)
- METADATA STANDARD
 - Dublin-core (3)
 - Iso19110 (1)
 - Iso19139 (3915)
- HARVESTED

Sorted by Modified 1 - 20 on 3919

Template for Vector data in ISO19139 (preferred!) admin	lock	edit	delete	share	users
Template for WMS service in ISO19139/119 admin	lock	edit	delete	share	users
Template for INSPIRE SDS metadata admin	lock	edit	delete	share	users
Template for Vector data in ISO19139 (preferred!) admin	lock	edit	delete	share	users
Template for Vector data in ISO19139 (preferred!) admin	lock	edit	delete	share	users
Geoserver WFS Fragments Country Boundaries Test Template admin	lock	edit	delete	share	users
Deegree22 WFS Fragments Philosopher Database Test Template admin	lock	edit	delete	share	users
Template for Dublin Core - Related resource admin	lock	edit	delete	share	users
Template for Dublin Core admin	lock	edit	delete	share	users
Feature catalogue template in ISO19110 admin	lock	edit	delete	share	users
Name of the responsible organization (Name of the responsible person- surname, given name, title separated by a delimiter) admin	lock				
Website URL, , http://serverIP/cgi-bin/wms?map=/directory/file.map admin	lock				
Template for WMS service in ISO19139/119 admin	lock	edit	delete	share	users
Template for Raster data in ISO19139 admin	lock	edit	delete	share	users
Template for map admin	lock	edit	delete	share	users

Adding Metadata cont...

Create a

Create a Dataset

- Dataset
- Feature catalog
- Map
- Service
- service-OGC:WMS
- service-W3C:HTML:LINK
- Others

From **Template for Vector data in ISO19139 (preferred!)**

Filter

- Deegree22 WFS Fragments Philosopher Database Test Template
- Deegree22 WFS Fragments Philosopher Database Test Template
- Geoserver WFS Fragments Country Boundaries Test Template
- Geoserver WFS Fragments Country Boundaries Test Template
- HARVESTING TEMPLATE - THREDDS - UNIDATA DISCOVERY
- HARVESTING TEMPLATE - THREDDS - UNIDATA DISCOVERY
- Template for Raster data in ISO19139
- Template for Raster data in ISO19139
- Template for Vector data in ISO19139 (preferred!)**
- Template for Vector data in ISO19139 (preferred!)
- Template for Vector data in ISO19139 (multilingual)
- Template for Vector data in ISO19139 (multilingual)

In ...

- Institucional
- Institutional**
- Sample group

+ Create

Adding Metadata cont...

Template for Vector data in ISO19139 ...

Validate Cancel Save & close Save metadata

Associated resources

Validation

Suggestions

Need help

Identification info

Title * Template for Vector data in ISO19139 (preferred!)

Date * Publication YYYY-MM-DDTHH:mm:ss

Edition http://localhost:8080/demodem/edition

Abstract * The ISO19115 metadata standard is the preferred metadata standard to use. If unsure what templates to start with, use this one.

Purpose

Status On going

Point of contact

Organisation name	Individual name	Electronic mail address

Add contact Search for a contact ...

Maintenance and update frequency * As needed

Contact Add maintainer Search for a contact ...

Descriptive keywords

Keyword

- Conference proceedings
- Datasets
- Directories
- Interactive resources
- Maps & graphics
- ? Other information resources
- Photo
- Physical Samples
- Registers
- WIS-GISC-BRASILIA
- WIS-GISC-JEDDAH
- WIS-GISC-MELBOURNE
- WIS-GISC-TOULOUSE

Identification info
Point of contact
Descriptive keywords
Distribution Information
Data quality info
Lineage
Metadata
Metadata author

Importing Metadata

Only my record Search ...

- TYPE OF RESOURCES
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 - Series (3310)
 - Service (8)
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 - Iso19110 (1)
 - Iso19139 (3915)
- HARVESTED

Sort by Modified	1 - 20 on 3919
<input type="checkbox"/> Template for Vector data in ISO19139 (preferred!) admin	🔒 ✎ ✖ 🔄 👤
<input type="checkbox"/> Template for WMS service in ISO19139/119 admin	🔒 ✎ ✖ 🔄 👤
<input type="checkbox"/> Template for INSPIRE SDS metadata admin	🔒 ✎ ✖ 🔄 👤
<input type="checkbox"/> Template for Vector data in ISO19139 (preferred!) admin	🔒 ✎ ✖ 🔄 👤
<input type="checkbox"/> Template for Vector data in ISO19139 (preferred!) admin	🔒 ✎ ✖ 🔄 👤
<input type="checkbox"/> Geoserver WFS Fragments Country Boundaries Test Template admin	🔒 ✎ ✖ 🔄 👤
<input type="checkbox"/> Deegree22 WFS Fragments Philosopher Database Test Template admin	🔒 ✎ ✖ 🔄 👤
<input type="checkbox"/> Template for Dublin Core - Related resource admin	🔒 ✎ ✖ 🔄 👤
<input type="checkbox"/> Template for Dublin Core admin	🔒 ✎ ✖ 🔄 👤
<input type="checkbox"/> Feature catalogue template in ISO19110 admin	🔒 ✎ ✖ 🔄 👤
<input type="checkbox"/> Name of the responsible organization (Name of the responsible person- surname, given name, title separated by a delimiter) admin	🔒
<input type="checkbox"/> Website URL, , http://serverIP/cgi-bin/wms?map=/directory/file.map admin	🔒
<input type="checkbox"/> Template for WMS service in ISO19139/119 admin	🔒 ✎ ✖ 🔄 👤
<input type="checkbox"/> Template for Raster data in ISO19139 admin	🔒 ✎ ✖ 🔄 👤
<input type="checkbox"/> Template for map admin	🔒 ✎ ✖ 🔄 👤

[+ Add new record](#)

[📄 Import new records](#)

[☰ Manage directory](#)

[✎ Batch editing](#)

Create or import new record from this page. Quickly access and manage all metadata records.

Importing Metadata cont...

Search

Map

Contribute

Admin console

Import new records

- Upload a file from your computer
- Upload a file from URL
- Copy/Paste
- Import a set of files from a folder on the server

+ Choose or drop resource here

Type of record

Metadata

Record identifier processing

- None
- Overwrite metadata with same UUID
- Generate UUID for inserted metadata

Apply XSLT conversion

Validate

Assign to current catalog

Assign to group

Assign to category

+ Import

Only my record Search ...

[+ Add new record](#)

[Import new records](#)

[Manage directory](#)

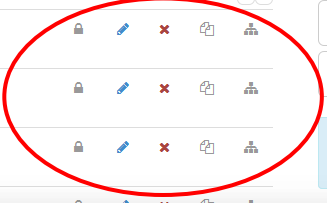
[Batch editing](#)

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Sorted by Modified 1 - 20 of 3919

Template for Vector data in ISO19139 (preferred!) admin	🔒	✏️	✖️	📄	👤
Template for WMS service in ISO19139/119 admin	🔒	✏️	✖️	📄	👤
Template for INSPIRE SDS metadata admin	🔒	✏️	✖️	📄	👤



- CATEGORIES
- TYPE OF RESOURCES
- Dataset (23)
 - Series (1026)
- CATEGORIES
- WIS-GISC-MELBOURNE (1049)
- PROVIDED BY
- WIS-GISC-MELBOURNE (1049)
- VALIDATION STATUS
- Never validated (1049)
- GROUPS
- All (25)
 - Institutional (1)
 - Sample group (5)
- VISIBLE BY
- All (3913)
 - Institutional (1)
 - Intranet (5)
 - Sample (10)
- METADATA STANDARD
- Dublin-core (3)
 - Iso19110 (1)
 - Iso19139 (3915)
- HARVESTED

Tropical Cyclone Forecast Advisory for Tonga admin	🔒	✏️	✖️	📄	👤
WSAU21 collection of Warnings (SIGMET) available from APRF as TEXT (PLAIN LANGUAGE) at Time admin	🔒	✏️	✖️	📄	👤
WSAU21 collection of Warnings (SIGMET) available from AMRF as TEXT (PLAIN LANGUAGE) at Time admin	🔒	✏️	✖️	📄	👤
WSAU21 collection of Warnings (SIGMET) available from AMMC as TEXT (PLAIN LANGUAGE) AS REQUIRED admin	🔒	✏️	✖️	📄	👤
WSAU21 collection of Warnings (SIGMET) available from ADRM as TEXT (PLAIN LANGUAGE) at Time admin	🔒	✏️	✖️	📄	👤
Feature catalogue template in ISO19110 admin	🔒	✏️	✖️	📄	👤
Name of the responsible organization (Name of the responsible person- surname, given name, title separated by a delimiter) admin	🔒				
Website URL, , http://serverIP/cgi-bin/wms?map=/directory/file.map admin	🔒				
Template for WMS service in ISO19139/119 admin	🔒	✏️	✖️	📄	👤
Template for Raster data in ISO19139 admin	🔒	✏️	✖️	📄	👤
Template for map admin	🔒	✏️	✖️	📄	👤



< Identification info

Title *

Date * 

▼ Citation identifier

Title *

Cited responsible party

Code *


Cited responsible party

Presentation form

Abstract *
 ---- The bulletin is coded as GRIB code form:
 FM 92 (GRIB, General regularly-distributed information in binary form) .
 (Refer to WMO No.306 - Manual on Codes for the definition of WMO international codes)
 ---- The HVWI95 TTAaii Data Designators decode (2) as:
 T1 (H): Grid point information (GRIB).
 T2 (V): Northward wind component.
 A2 (I): 48 hours forecast.
 ii (95): 950 hPa.
 (2: Refer to WMO No.386 - Manual on the GTS - Attachment II.5)
 ---- WMO No.9 - Volume C1 'Content' field:
 0-90S 70E-170W; 2.5 x 2.5 GRIB
 ---- Grid size: 2.5 X 2.5
 ---- Forecast Offset: 48 (hours)
 ---- Please review:
 Bulletin constraints (gmd:resourceConstraints) should reflect the GTS Category (WMO_DataLicenseCode) and GTS Priority (WMO_GTSProductCategoryCode) of the bulletin.

Associated resources +

Online resources +

- RTH Exeter 
- RTH Exeter 

Validation   

XSD Validation Error 0 Error

Geonetwork Rules 2 / 2

ISO Rules 24 / 22

Suggestions 

http://www.wmo.int/pages/prog/www/WIS/wiswiki/tiki-index.php?page=metadadagen_fr return an error (Status: 301). Run this task to remove it.

Need help

- Identification info
- Citation identifier
- Point of contact
- WMO_CodeList dictionary [http://wis.wmo.int/2010/metadata/version_1-2/WMOCodeLists.sm#WMO_CategoryCode]
- GEMET - INSPIRE themes, version 1.0
- Resource constraints
- Spatial resolution
- Topic category
- Extent
- Distribution Information
- Distribution format
- Distributor
- OnLine resource
- Data quality info
- Domain consistency
- Lineage
- Metadata
- Contact



OAI-PMH

```
cgnet-openwis.eurodyn.com/geonetwork/srv/eng/oaipmh?verb=ListSets  
This XML file does not appear to have any style information associated with it. The document tree is shown below.
```

```
<?xml version="1.0" encoding="UTF-8" standalone="no" ?>  
<OAI-PMH xmlns:xsi="http://www.openarchives.org/OAI/2.0/" xsi:schemaLocation="http://www.openarchives.org/OAI/2.0/ http://www.openarchives.org/OAI/2.0/OAI-PMH.xsd">  
  <responseDate>2017-03-08T14:01:45Z</responseDate>  
  <request verb="ListSets">http://localhost:8080/geonetwork/srv/en/oaipmh</request>  
  <ListSets>  
    <set>  
      <setSpec>maps</setSpec>  
      <setName>Maps & graphics</setName>  
    </set>  
    <set>  
      <setSpec>datasets</setSpec>  
      <setName>Datasets</setName>  
    </set>  
    <set>  
      <setSpec>interactiveResources</setSpec>  
      <setName>Interactive resources</setName>  
    </set>  
    <set>  
      <setSpec>applications</setSpec>  
      <setName>Applications</setName>  
    </set>  
    <set>  
      <setSpec>caseStudies</setSpec>  
      <setName>Case studies, best practices</setName>  
    </set>  
    <set>  
      <setSpec>proceedings</setSpec>  
      <setName>Conference proceedings</setName>  
    </set>  
    <set>  
      <setSpec>photo</setSpec>  
      <setName>Photo</setName>  
    </set>  
    <set>  
      <setSpec>audioVideo</setSpec>  
      <setName>Audio & video</setName>  
    </set>  
  </ListSets>  
</OAI-PMH>
```

```
https://gisc.metoffice.gov.uk/openwis-user-portal/srv/oaipmh?verb=ListSets  
This XML file does not appear to have any style information associated with it. The document tree is shown below.
```

```
<?xml version="1.0" encoding="UTF-8" standalone="no" ?>  
<OAI-PMH xmlns:xsi="http://www.openarchives.org/OAI/2.0/" xsi:schemaLocation="http://www.openarchives.org/OAI/2.0/ http://www.openarchives.org/OAI/2.0/OAI-PMH.xsd">  
  <responseDate>2017-03-08T12:02:09Z</responseDate>  
  <request verb="ListSets">  
    http://localhost:8080/openwis-user-portal/srv/en/oaipmh  
  </request>  
  <ListSets>  
    <set>  
      <setSpec>WIS-GISC-WASHINGTON</setSpec>  
      <setName>WIS-GISC-WASHINGTON</setName>  
      <setDescription>  
        <oai_dc:dc xsi:schemaLocation="http://www.openarchives.org/OAI/2.0/oai_dc/ http://www.openarchives.org/OAI/2.0/oai_dc.xsd">  
          <dc:description>This set contains 0 records.</dc:description>  
        </oai_dc:dc>  
      </setDescription>  
    </set>  
    <set>  
      <setSpec>WIS-GISC-EXETER</setSpec>  
      <setName>WIS-GISC-EXETER</setName>  
      <setDescription>  
        <oai_dc:dc xsi:schemaLocation="http://www.openarchives.org/OAI/2.0/oai_dc/ http://www.openarchives.org/OAI/2.0/oai_dc.xsd">  
          <dc:description>This set contains 16,330 records.</dc:description>  
        </oai_dc:dc>  
      </setDescription>  
    </set>  
    <set>  
      <setSpec>WIS-GISC-JEDDAH</setSpec>  
      <setName>WIS-GISC-JEDDAH</setName>  
      <setDescription>  
        <oai_dc:dc xsi:schemaLocation="http://www.openarchives.org/OAI/2.0/oai_dc/ http://www.openarchives.org/OAI/2.0/oai_dc.xsd">  
          <dc:description>This set contains 245 records.</dc:description>  
        </oai_dc:dc>  
      </setDescription>  
    </set>  
    <set>  
      <setSpec>WIS-GISC-TEHRAN</setSpec>  
      <setName>WIS-GISC-TEHRAN</setName>  
    </set>  
  </ListSets>  
</OAI-PMH>
```



Met Office

Life Cycle

Metadata records have a lifecycle that typically goes through one or more states. For example, when a record is:

- created and edited by an Editor user it is in the **Draft** state.
- reviewed by a Content Reviewer user it would typically be in a **Submitted** state.
- completed and corrected by the Content Reviewer it would be in the **Approved** state and may be made available for casual search and harvest by assigning privileges to the catalog All group.
- superseded or replaced and the state would be **Retired**.



The catalog has (an extensible) set of states that a metadata record can have:

- **Unknown** - this is the default state - nothing is known about the status of the metadata record
- **Draft** - the record is under construction or being edited.
- **Submitted** - the record has been submitted for approval to a content review.
- **Approved** - the content reviewer has reviewed and approved the metadata record
- **Rejected** - the content reviewer has reviewed and rejected the metadata record
- **Retired** - the record has been retired

- Updated metadata**
- Internal metadata
- Metadata file uploads
- Metadata file downloads
- Users access

Updated metadata report

This report allows to extract a list of updated records and the record owner's information for a specified last updated date range for import into Microsoft Access and Excel. This will allow for a review of records to ensure the currency of records or if necessary the deletion of old or expired records. The report results can be imported into MS Access and Excel.

[Create report](#)

-Select a date range-

Metadata change date (begin)

Metadata change date (end)

Groups

Critical System Checks

Csw GetCapabilities	OK
Database Connection	OK
Lucene Index	OK

Non-critical System Checks

Available connections in database	OK
Deadlocked Threads	OK
Sufficient free file handles	OK
No Harvesting Errors	OK
Metadata Index Errors	OK

Metrics

- Metrics
- Health Check
- Threads

Activity

Export (ZIP)

Thread Status

Select records to process

Metadata Template Directory entry

Search ...

▾

Group

Owner

Category

1 - 20 on 55782 ▾

-  ISIN22 collection of SYNOP reports available from DAMM (ALGER RTH) as BUFR at 03, 09, 15 and 21 UTC
-  FCAL40 collection of TAF reports available from DAMM (ALGER RTH) at 00, 03, 06, 09, 12, 15, 18 and 21 UTC
-  ISAN41 collection of METAR reports available from DAMM (ALGER RTH) as BUFR at 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17 and 18 UTC
-  ISN03 BUFR bulletin available from DAMM (ALGER RTH) at 00, 06, 12 and 18 UTC
-  IUKN01 collection of TEMP reports available from DAMM (ALGER RTH) as BUFR at 00 and 12 UTC
-  SAAL41 collection of METAR reports available from DAMM (ALGER RTH) at 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17 and 18 UTC
-  SIAL23 collection of SYNOP reports available from DAMM (ALGER RTH) at 03, 09, 15 and 21 UTC
-  ISCN01 collection of CLIMAT reports available from DAMM (ALGER RTH) as BUFR
-  ISCN03 collection of CLIMAT reports available from DAMM (ALGER RTH) as BUFR
-  ...

Configure a process

What's Missing?

- GeoNetwork Documentation – out of date or missing
- Separate Portals for User and Admin
- Users
 - Class of Service
 - Favourites
- Data Policy/Group Management/Privileges – for Data.
- Groups
 - Global – True/False
- Alarms page- Recent Events/Global Reports/User Alarms
- Data Service – request monitoring, management , data ingestion
- Search
 - via Lat/Long
 - Abstract
 - Map search – intersection/overlaps/within/crosses
- Metadata – detailed harvest/synch reports/slow harvest– stop-gap metadata?
- Subscription – process/delivery



Met Office

“That’s all Folks!”



Met Office

Any other thoughts?

