

Management of WIS Metadata

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What is WIS Discovery Metadata

- * Catalogue of data in WIS
- * Not limited to GTS
- * Evolution of traditional Vol. C1 WMO No.9

Traditional Volume C1, WMO No. 9

- * comma-separated **table**
- * indexed by GTS heading - **bulletin only**
- * submission path:
NMC (➡RTH) ➡RTH on MTN➡Secretariat

WIS Metadata

- * logical model, exchanged in **XML**
- * identified by URN - **not limited to GTS bulletin**
- * submission path:
NC ➡ (DCPC ➡) GISC ➡ other GISCs

Columns of Volume C1

* Region (1-6, 7)

* RTH

* Centre

* Country

* Date

* Category

* TTAAii

* CCCC

* CodeForm

* TimeGroup

* Content

* Remarks

Example of Vol C1 Entry

* 2	* SMKPO1
* BANGKOK	* VDPP
* PHNOM PENH	* FM 12-XII Ext
* CAMBODIA	* 00,06,12,18
* 12/02/2013	* 48962,48966,...
* E	* XXX

Information in Volume C1

- * distributor
- * originator
- * last update
- * use policy
- * identifier
- * format
- * hours of reports
- * theme/place
- keywords

Other Metadata Elements

- title
 - abstract (long description)
 - link(s) to retrieve data
 - bounding box(es): lat/long range
 - contact detail(s)
 - category codes for broader context
- useful especially for non-GTS services

Repeatable elements

- more than one URLs for the same data
- more than one phones (emails) for originating (distributing) centre
- station name (not only id number) keywords

Regulations for Metadata

- Manual on WIS

[http://www.wmo.](http://www.wmo.int/pages/prog/www/WIS/manuals_guides_tech)

[int/pages/prog/www/WIS/manuals_guides_tech](http://www.wmo.int/pages/prog/www/WIS/manuals_guides_tech)
[regulations_en.html](http://www.wmo.int/pages/prog/www/WIS/manuals_guides_tech)

- WMO Core Metadata Profile
 - v1.2
 - v1.3 current
- Guideline on WIS Wiki

Don't worry writing XML by yourself

- Your GISC or DCPC supports
- Tools depend on centers

Key points

- WIS Metadata evolves from Volume C1
- When to create/edit?
 - when new data is published or the content is changed
- Ask your GIS/DCPC for support