



World Meteorological Organization
Organisation météorologique mondiale

Secrétariat

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Weather • Climate • Water
Temps • Climat • Eau

Our ref.: DRA/CPDB/IOC

GENEVA, 5 March 2015

Annex: 1

Subject: WMO Country Profile Database Initial Operating Capability

Dear Sir/Madam,

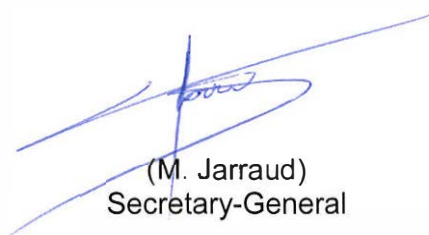
I am pleased to announce the launch of the Initial Operating Capability (IOC) of the WMO Country Profile Database (CPDB). The CPDB responds to the request from the Fifteenth World Meteorological Congress (2007) to gather in a single Member-accessible database the information collected by individual WMO Programmes/Departments. While the database has been seen by many of you in its prototype mode, the IOC has now been incorporated into WMO's core IT services.

At the request of the Sixteenth World Meteorological Congress (2011), the CPDB IOC not only allows Members to have access to the information contained in the database regarding National Meteorological and Hydrological Services, but also provides WMO Permanent Representatives with mechanisms to update the information for their country or territory. You are kindly invited to review the CPDB and to nominate a national CPDB Focal Point(s) as requested by the sixty-sixth session of the Executive Council (2014).

A factsheet on CPDB is given in the Annex to this letter for your reference. A Service Desk on CPDB, which can be reached at cpdb@wmo.int, has been established at the WMO Secretariat to assist Members with questions on CPDB.

Your support for and participation in CPDB would be highly appreciated to keep CPDB up-to-date and useful.

Yours faithfully,



(M. Jarraud)
Secretary-General

To: Permanent Representatives (or Directors of Meteorological or Hydrometeorological Services) of Members of WMO (PR-6826)

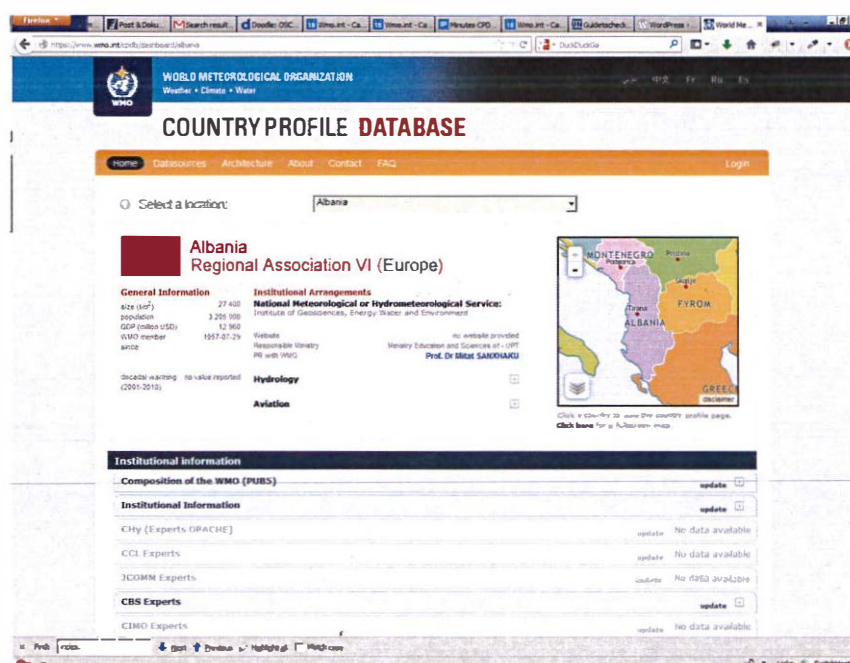
cc: Hydrological Advisers to Permanent Representatives)
Presidents of technical commissions) (for information)

COUNTRY PROFILE DATABASE FACTSHEET (February 2015)

1. Introduction to WMO Country Profile Database (CPDB)

The WMO Country Profile Database (CPDB), accessible at <https://www.wmo.int/cpdb/>, is a WMO portal that contains information about WMO Members available at the WMO Secretariat. It provides geographical/organizational information (e.g. WMO Pub 5 – Permanent Representatives), institutional information (e.g. based on regional survey results), programmatic and technical information (e.g. national observation network), information on capacity-building (i.e. training, modernization projects), and some information on monitoring and evaluation (e.g. WIS operational statistics), consolidating various data sources available at the WMO Secretariat.

The portal consists of a profile page for each WMO Member and regional views of some information (e.g. regional WMO centres, technical commissions). The portal also provides information on how to update the information that is shown.



Country Dashboard of Albania. Blue datasource tabs can be expanded by clicking on them. Datasource tabs are gray and disabled when there is no information for this Member.

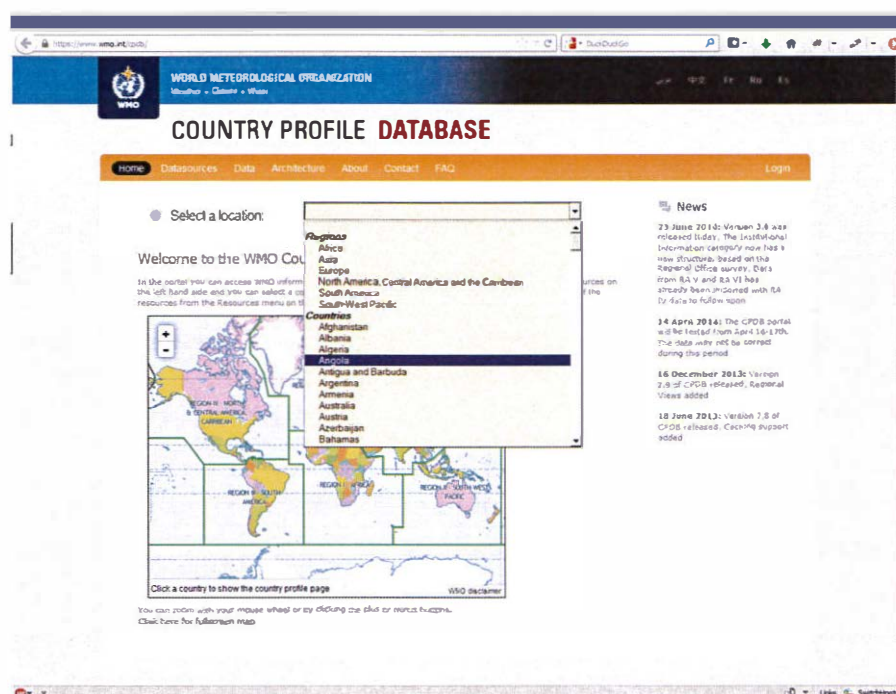
2. Current capabilities

The Initial Operating Capability (IOC) of the CPDB was released in 2014, following a request from EC-64 (2012), and consists of the following three features:

Country Profile Page for each WMO Member

Every profile page has the same structure. On top, it shows basic country information and a map. Underneath the basic information, there are information windows of four categories: Institutional Information, Observations, Country Information and Cooperation. Table 1 shows an overview of the information available on all profile pages. The profile page for a country can be

reached by clicking on the country in the map on the startpage, or by selecting it from the list of countries and regions.



Startpage of Country Profile Database portal. Country pages can be accessed by clicking on the map or selecting a country from the list.

Institutional information	Observations	Country information	Cooperation
<ul style="list-style-type: none"> Composition of WMO (Pub 5) Institutional Information Roles and Operations Experts from Commission for Hydrology (CHy) Experts from Commission for Climatology (CCI) Experts from Joint WMO-IOC Technical Commission for Oceanography and Marine Meteorology (JCOMM) Experts from Commission for Basic Systems (CBS) Experts from Commission for Instruments and Methods of Observation (CIMO) Experts from Commission for Atmospheric Sciences (CAS) List of National Focal Points 	<ul style="list-style-type: none"> Surface and upper-air stations Catalogue of Meteorological Bulletins Weather Radars Global Atmosphere Watch (GAW) 	<ul style="list-style-type: none"> WMO Information System (WIS and GTS) Hydrological Information (INFOHYDRO) WMO Library Climate Normals Alerting Authorities (CAP) 	<ul style="list-style-type: none"> Voluntary Cooperation Programme (VCP) Fellowships GFCS Projects Projects

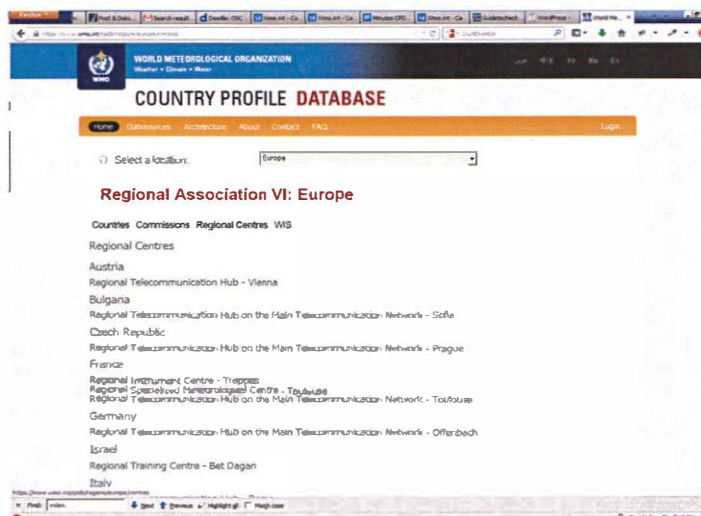
Table 1: Country Profile Page information windows.

The data in the "Institutional Information" window is based on the Regional Surveys. Beginning in March 2015 on, all Regional Surveys will use the same set of questions and can be updated in the CPDB portal.

Regional Views

The portal also shows information on a regional basis. The regional views can be accessed by first selecting one of the six WMO Regions from the list on top and then choosing one of the four (4) regional views: Countries, Commissions, Regional Centres and WIS.

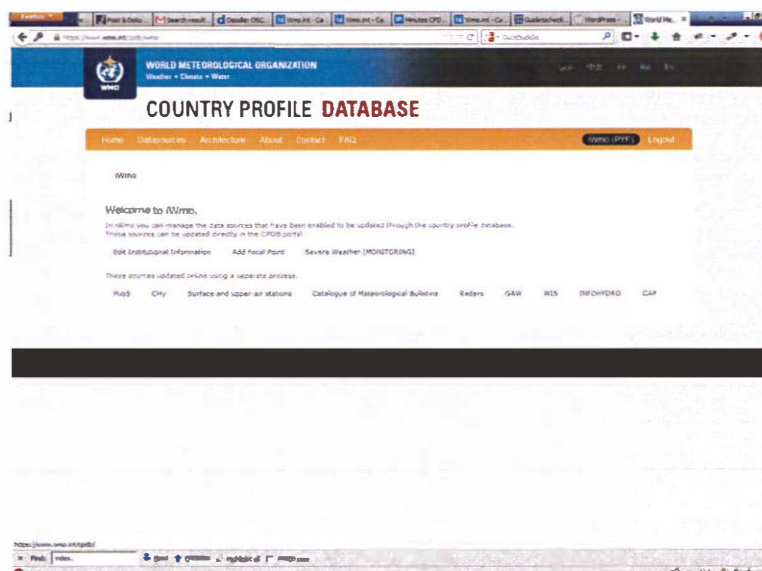
- The countries view shows a list of countries in the selected Region.
- The Commissions view gives an overview of the WMO experts from the selected Region and in which WMO Technical Commissions they work.
- The regional centres view shows official WMO centres of the selected Region by country.
- The WIS view shows information about the WMO Information System implementation status of countries in the selected Region.



Regional view of Regional Centres in Europe.

Login mechanism

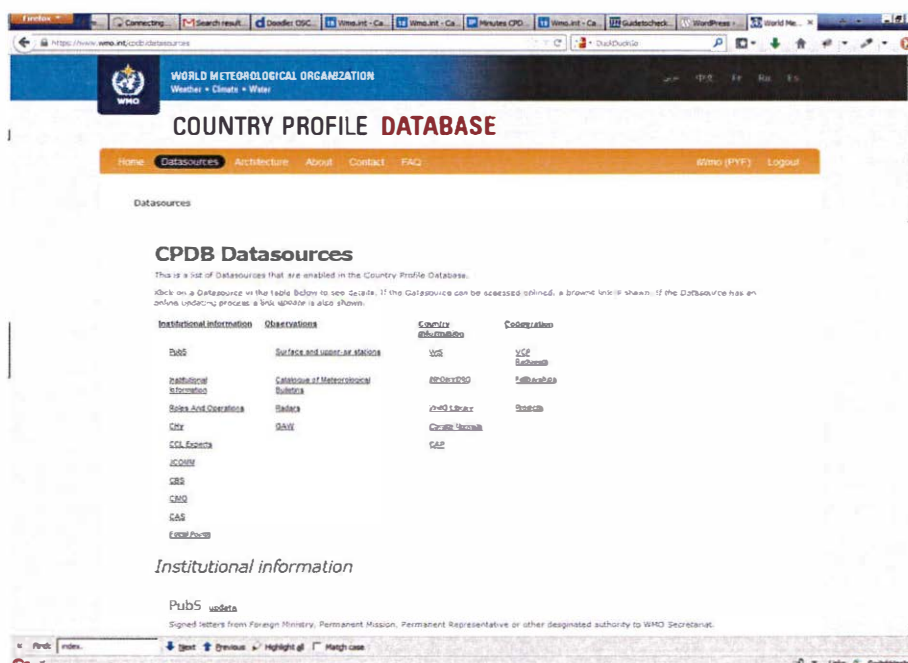
The Permanent Representative of a WMO Member has the possibility to log in to the portal and change selected information. More information on updating data can be found in the section "Updating of information" underneath.



iWMO login screen for logged on user, showing information that can be updated.

3. Updating of information

Depending on the kind of information in the CPDB, a different update processes must be used to communicate changes to the WMO Secretariat. The portal contains an accurate description of these update processes and, where applicable, a direct link to an online form allowing to update the information.



Information on how to update different kinds of information.

4. Logon to iWMO

All Permanent Representatives with an e-mail address in PUB 5 can log on to the CPDB portal. To do this, they need to click on the “logon” button at the top right and then either select the ISO3 country code of their country, or select the country name from the dropdown box below and input the password.

If the password is not known, it can be reset. To reset the password, they need to click on “forgot password” and enter the ISO3 country code again. A link with password change instructions will then be sent to the e-mail address of the Permanent Representative as stored in PUB 5. The process of logging on is also described in the FAQ (<https://www.wmo.int/cpdb/faq>).

5. User support

Service Desk

A Service Desk has been established at the WMO Secretariat to assist Members with questions on the CPDB. It can be reached at cpdb@wmo.int. This e-mail address is the single source of support for operational matters of the CPDB and all questions from inside and outside the WMO Secretariat should be directed to this e-mail address. The service desk will answer the question either directly or after consultation with Technical Departments or Regional Offices of the Secretariat.

Frequently Asked Questions (FAQ)

The CPDB has a Frequently Asked Questions (FAQ) section, which has a collection of commonly asked questions, accessible at <https://www.wmo.int/cpdb/faq> and is reproduced in the

Appendix to this Factsheet. The FAQ can be a first point of reference for Members asking about the CPDB.

6. Timelines and Future Development

Following the mandate from the Fifteenth Congress (Cg-XV) held in 2007, the Country Profile Database has been developed in a multi-phased approach under the guidance of the Development and Regional Activities (DRA) Department in cooperation with the Observing and Information Systems (OBS) Department.

The Initial Operating Capability (IOC) was released in 2014, following a request from EC-64 (2014). This concludes Phase I of the project.

Future development in Phases II and III of the CPDB will further integrate the CPDB into the WMO IT architecture with a view to facilitating self-management of information by Members, implement archiving of information to provide monitoring of development status and add additional information to country profile pages and regional views.

Phase I

- 2007: Cg-XV urged the implementation of CPDB to gather/share information and optimize surveys with the initial mandate for the Country Profile Database as given by Cg XV:
- Gather the information collected by individual WMO Programmes and Departments,
 - Optimize the number of questionnaires sent to Members,
 - Track the needs for assistance and development of the NMHSs to better target development resources and in applying for additional resources,
 - Ensure Members have access to the information contained in the database, especially with regard to their own country and NMHS.
- 2009/10: Task Team created which elaborated requirements, built business case, established principles, created parallel sub-groups.
- 2011: DRA and OBS initiated collaboration on prototype CPDB Portal.
Cg-XVI was briefed on CPDB architecture and development. Cg-XVI added update mechanism as a deliverable.
- 2012: EC-64 received demonstration of working prototype.
- 2013: Pre-operational mode was started until early 2014.
- 2014: EC-66 requested for the CPDB to be launched with Initial Operating Capability (IOC) by August 2014. IOC concludes Phase I of the development

Phases II-III (2014-2016)

- 2015: Add new information, announce IOC, establish National Focal Points, add Project Information, increase regional views, add archiving and monitoring.
- 2016: Enhanced update capability and full integration into WMO IT architecture

Frequently Asked Questions

<https://www.wmo.int/cpdb/faq>
(as of February 2015)

Q1: Why is the CPDB portal useful?

A1: First, the CPDB portal allows the Member Countries and Territories to see information in WMO databases on their country and Region, as well as other Members and Regions, therefore improving data sharing.

Second, this information will serve to improve communication among working groups and task teams.

Third, it will help to identify gaps in capabilities and to better identify national, regional and global priorities.

Fourth, the CPDB portal provides a more coherent way of updating data through an, ultimately, streamlined update interface and should reduce the number of redundant surveys sent out to Members.

Ultimately, the CPDB will also provide a mechanism to follow progress of National Meteorological and Hydrological Services as they improve their capabilities to serve their countries and collaborate with the global community.

Q2: How can I update information?

A2: Some information in the CPDB portal can be updated directly by **logging on** to the portal, while other information is updated using separate processes. This is because the information in the portal is maintained by different institutions. However, the CPDB portal facilitates updating this information by describing the update process **in detail** for each Datasource. This is, the Institutional Information can be updated directly in the portal by the Permanent Representative after Logging in to CPDB. Other Datasources can be updated by following the process description shown next to the Datasource. These instructions are also available from the personalized iWMO screen after logging on to the portal.

Q3: Who can update information?

A3: Information can be updated by Permanent Representative and the Datasource Focal Points. The Permanent Representative of a country is responsible for nominating Focal Points. Details on the update procedure are available **here**.

Q4: Which information is displayed here?

A4: The information displayed in CPDB portal consists of the Institutional Information as well as Datasources containing programme or Commission specific information. Only public information is shown in the CPDB portal.

Q5: What is my username?

A5: Currently, the username to **log on** to the CPDB portal consists of the ISO3 letter country code of the Member country. This country code can be obtained by selecting the corresponding country from the dropdown menu on the CPDB portal logon screen. The country code will then be inserted into the username field. SWFDP users should use their e-mail address as username.

Q6: I have forgotten my password. What can I do?

A6: The password for the user can be obtained via email by clicking on the **forgot password** link from the login page. An e-mail containing instructions on how to change the password will then be sent to your e-mail address.

Q7: Who can I talk to if I have feedback or more questions?

A7: Feedback and further questions are very welcomed by the CPDB Team. You can find more details on how to **contact the team** **here**.