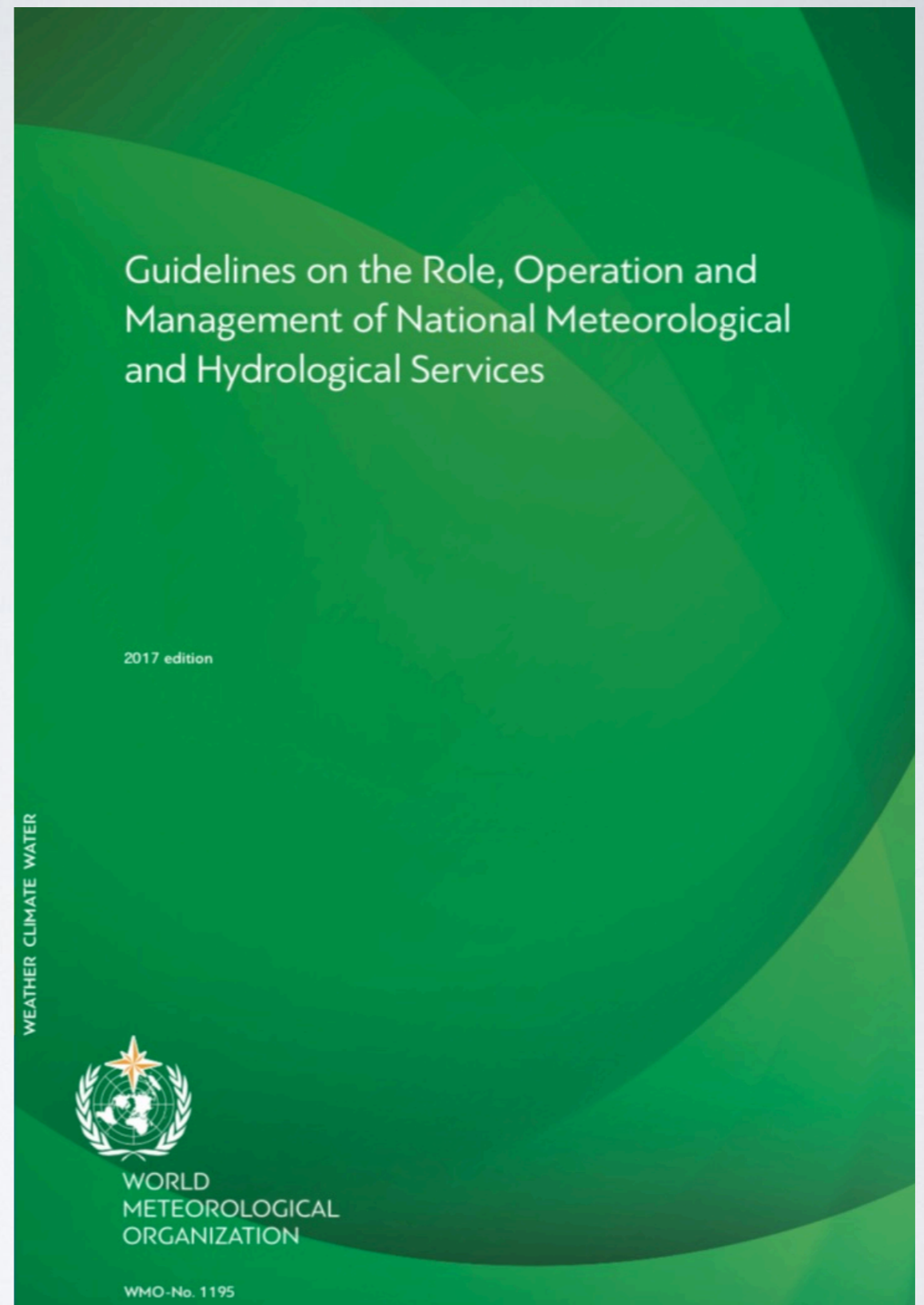


ROLE, OPERATION AND MANAGEMENT OF NMHS**

**Available at WMO Library
<https://library.wmo.int>
WMO-No. 1195



Leadership Programme RA II & V, Singapore, August 2019



WMO

WMO STATEMENT 15TH CONGRESS 2007

- Mission of NMHS
- Service delivery
- Elements for successful operation of NMHSs
- Future development of NMHSs

WORLD METEOROLOGICAL ORGANIZATION
STATEMENT
ON THE ROLE AND OPERATION OF
NATIONAL METEOROLOGICAL AND
HYDROLOGICAL SERVICES
FOR DIRECTORS

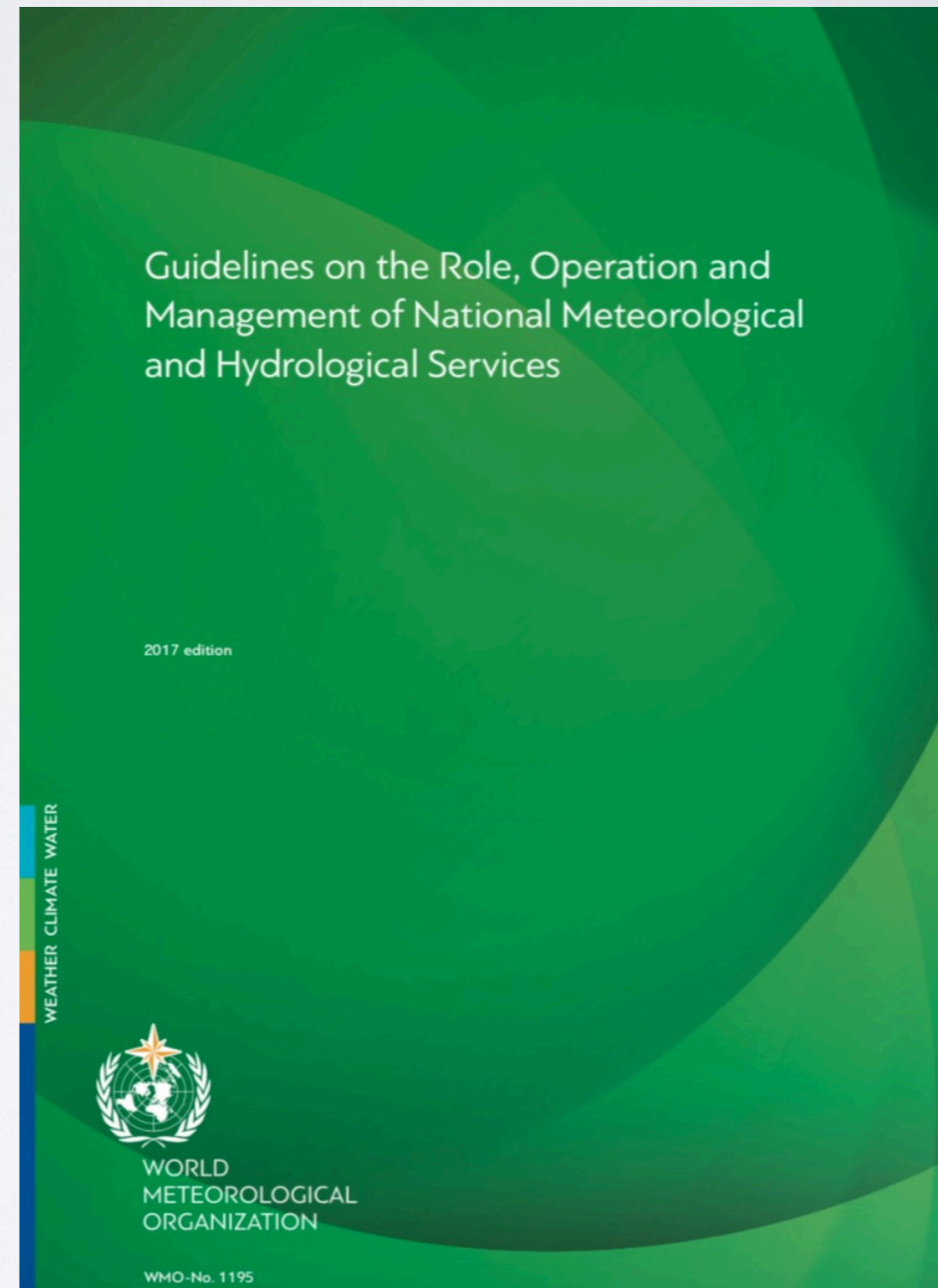


World Meteorological Organization
Weather • Climate • Water



THE GUIDELINES WMO (2017)

- “How to” details to complement the 2007 Statement
- Relevant WMO resources
- Leadership and management
- Examples from other countries





wmo library



All

News

Maps

Images

Videos

More

Settings

Tools

About 906,000 results (0.44 seconds)

Homepage | E-Library - World Meteorological Organization

<https://library.wmo.int/> ▼

E-Library. ... Tags. Topics; **WMO** Programmes · Regions and countries · **WMO** Competencies.
Capacity development · Regional Training Centre (RTC) · Training ...

Library

Access to the entire E-Library or
order on-line WMO publications ...

WMO Publications

WMO Publications and Resources.
Recently released. Book. MMO ...

WMO Manuals and Guides

WMO Manuals and Guides. Print/
Send by email/ Other output ...

[More results from wmo.int »](#)

Publisher details

This publication marks the twenty-
fifth anniversary of the WMO ...

WMO | E-Library

This publication marks the twenty-
fifth anniversary of the WMO ...

Browse collections by WMO ...

WMO Publications onlyWMO/No.
... Atmospheric Research and ...

WMO LIBRARY



PURPOSE OF THE GUIDELINES

- Ensuring that the NMHS is able to meet national needs for meteorological, hydrological and related data and services;
- Responding to newly identified challenges in a rapidly changing world;
- Clarifying and articulating the mandate of the NMHS;
- Formulating and implementing effective strategic plans;

WHY?

A Kind of
One-stop Shop



PURPOSE OF THE GUIDELINES

- Developing strong arguments to obtain sufficient financial, technical and human resources to carry out its mandate;
- Recruiting, retaining, motivating and establishing reward systems for staff;
- Maintaining networks, equipment and other supporting infrastructure;
- Providing quality services to meet varied end-user needs;

WHY?



PURPOSE OF THE GUIDELINES

- Building sustainable capacity;
- Managing development projects;
- Keeping abreast of relevant developments in science and technology;
- Recognizing and having the ability to meet international obligations, agreed development goals and other international initiatives.

WHY?



COVERS THREE AREAS

- Role
- Operations
- Management

**Legal,
Structure,
International**

**Scientific,
Technical,
Systems**

**People
\$\$
Facilities
Planning**



ROLE OF THE NMHS

- Chapters 2,3&4
- Legal basis
- Institutional form & structure
- Relation to government
 - ministry, socio-economic benefit
- International relationships (incl WMO)



Meteorology Act 1955

No. 6, 1955 as amended

Compilation start date: 11 September 2014

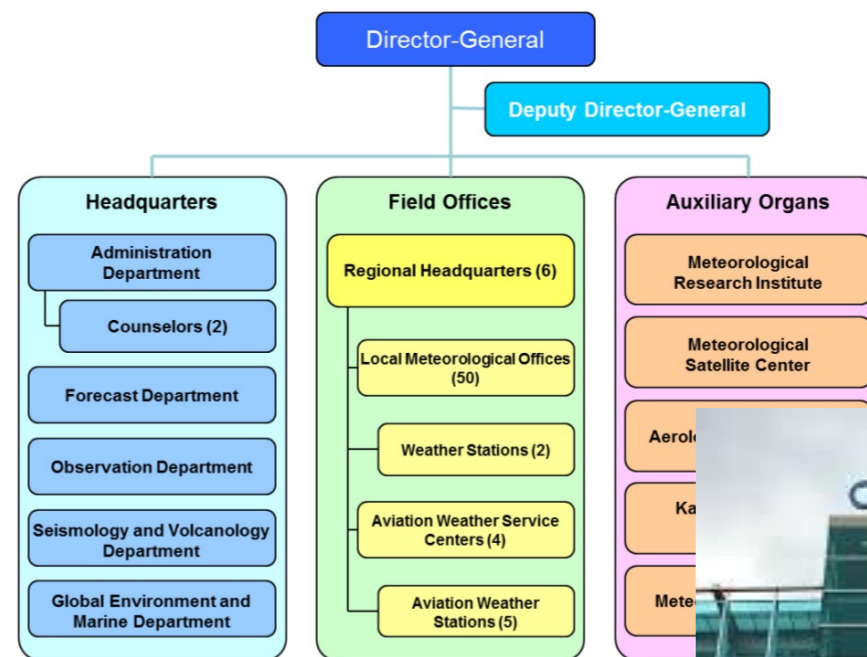
Includes amendments up to: Act No. 102, 2014

About this compilation

This compilation

This is a compilation of the *Meteorology Act 1955* as in force on 11 September 2014. It includes any commenced amendment affecting the legislation to that date.

This compilation was prepared on 16 September 2014.

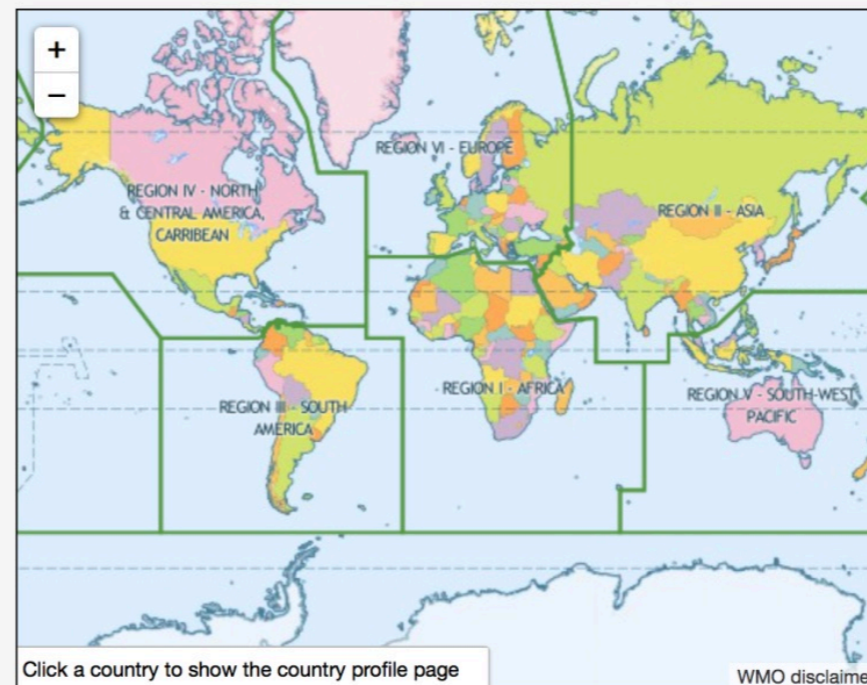


WMO COUNTRY PROFILE DATA BASE

- Portal with info on WMO Members
- <https://cpdb.wmo.int>
- <https://cpdb.wmo.int/singapore>

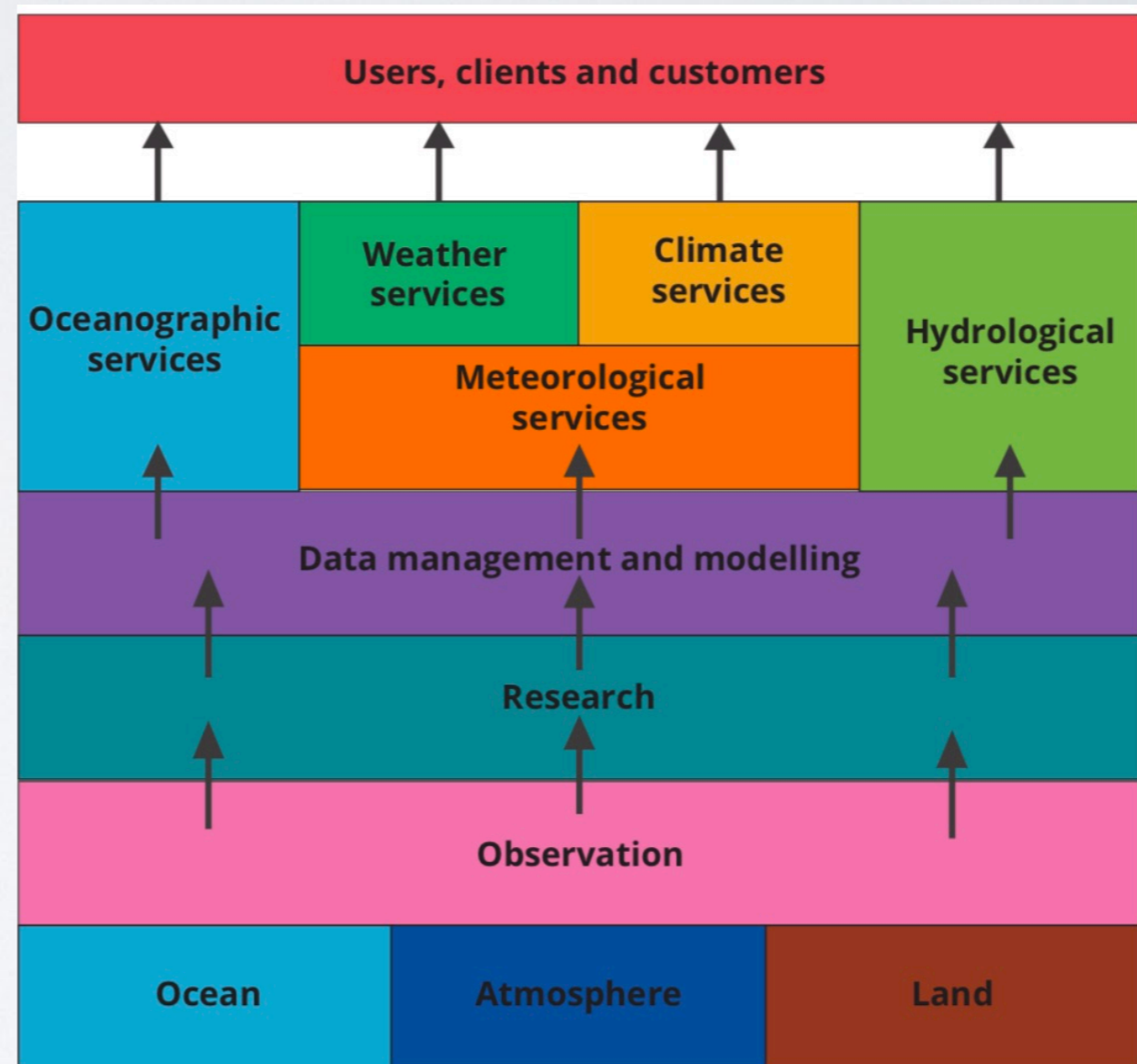
Welcome to the WMO Country Profile Database Portal

In the portal you can access WMO information about WMO Members on a per country basis. You see a list of sources on the left hand side and you can select a country using the dropdown menu and the map. Regional Views are also available from the dropdown menu.



OPERATIONS OF THE NMHS

- Observations
- Forecasting
- Warning Services & Disaster management
- Other Public Services
- Aviation, marine, etc
- Climate
- Agriculture
-



MANAGEMENT OF NMHS

- People management
- Financial management
- Planning
- Capacity development



WHEN OR HOW TO USE THE GUIDELINES

- All things WMO**
- About other NMHSs
- Informing your government
- Examples of best practice
- Leadership, management and planning (basic ideas)

