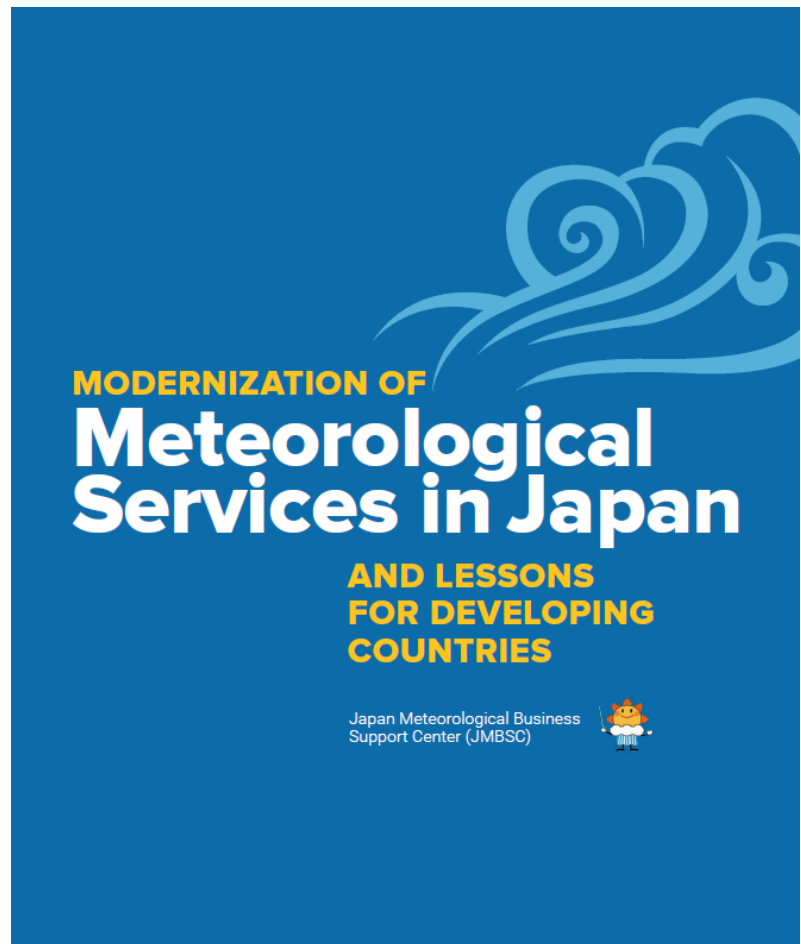


Review of Meteorological Services in Japan and Lessons for Developing Countries

As one of the projects by the World Bank Global Facility for Disaster Reduction & Recovery (GFDRR), the Japan Meteorological Business Support Center (JMBSC) have conducted a historical review of the modernization of meteorological services in Japan, with special focus on those by the Japan Meteorological Agency (JMA).

The outcomes of the review project to evaluate the modernization processes of Japanese meteorological services and to summarize lessons learned for developing countries are publicized in the Report on the Website of the World Bank Tokyo-Hub (<http://www.worldbank.org/drmhubtokyo>):

1. Title: Modernization of Meteorological Services in Japan and Lessons for Developing Countries
2. URL: <http://pubdocs.worldbank.org/en/855021475119724095/DRMHubTokyo-Modernization-of-Meteorological-Services-in-Japan.pdf>



The Report has a volume of 170 pages with the Cover Page stuck in this news, and covers the following table of contents:

Executive Summary

- 1. Weather and Climate Services in Japan***
- 2. Institutional Evolution of Meteorological Services in Japan***
- 3. Modernization of Observation and Forecasting Systems and Service Delivery in Japan***
- 4. Evolution of the Public-Private-Partnership***
- 5. Experiences in International Programs and Projects***
- 6. Guidance on Modernizing NMHSs***

Closing Remarks

Annexes

Japanese knowledge, technology, and expertise assessed through this review will significantly contribute to the modernization of the National Meteorological and Hydrological Services (NMHSs) in developing countries. The lessons learned in Japan should also be useful for all the communities of meteorological services: the World Meteorological Organization (WMO) and other international organizations for their development and advancement of international programs and projects; and NMHSs in developed countries for their enhancements of services as well as their international cooperation projects for Disaster Risk Reduction (DRR).

Furthermore, the report should be also useful for the advancement of international cooperation by JMA under the frameworks of WMO, other international organizations, the Japan International Cooperation Agency (JICA), bi-lateral cooperation, and others.

Finally, we thank all of those who kindly have given supports to us, especially many experts of the JMA who provided us many of comprehensive and precise information, and valuable suggestions and comments to refine the Report through fruitful discussions.

News related to the WB report is also available on websites of JMA and WMO:

JMA Website: http://www.jma.go.jp/jma/en/News/WB_report_Met_Services_in_Japan.html

WMO Website:

<https://public.wmo.int/en/media/news-from-members/%E2%80%9Cmodernization-of-meteorological-services-japan-and-lessons-developing>