

Hydrological data management and International Cooperation of China

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Domestic hydrological data management

Legal basis: Regulations of hydrology of China

- JUN 1ST 2007, Chinese State Council enact the law: the Regulations of Hydrology of People's Republic of China
- The Regulations formulate a legal standard on hydrological data issue, including hydrological station establish plan, hydrological data collecting and hydrological data bulletin etc.



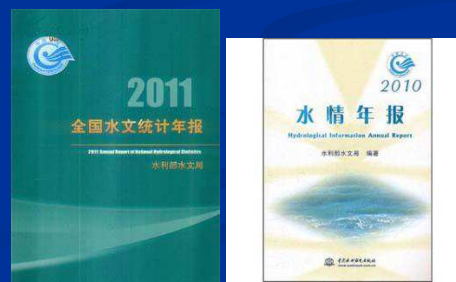
Key points of the Regulations

- The Central Government carry out integrated planning on hydrological stations network.
- The water resources administration or hydrological agency of county-level city above is responsible for the hydrological publishing to society according to the authorization.
- The hydrological data must be open to the public, except the information related nation security



The website of national hydrological and rainfall information
<http://xxfb.hydroinfo.gov.cn/>

national hydrological information annual report



Ministry of Water Resources of China

- provides guidance to hydrological work, including hydrological monitoring of water resources, construction and management of national hydrological station network, undertake monitoring of water quantity and quality of rivers, lake and aquifers, publish hydrological data and water resources information, forecasting and national water resources bulletin.



- To improve flood control and drought relief infrastructures, presently, more than 34,000 hydrological monitoring stations and more than 8600 flood-reporting centers and distributed along the river basins all over China.
- Ministry of Water Resources of China has already established the Information Center for monitoring the operation of the National Water Information Network.

International Cooperation

Introduction to Trans-boundary rivers between China and the Neighboring Countries



Effective Cooperation in Trans-boundary Rivers between China and the Neighboring Countries

- China has set up, as needed, multiple trans-boundary river cooperation mechanisms with 12 neighboring countries, which is in charge of hydrological data provision and sharing.

Country (Organization)	Trans-boundary Rivers Cooperation Mechanisms
Sino-MRC	Dialogue meeting, Provision of Hydrological data in flood season and extreme drought season.
Sino-Kazakhstan	Joint Steering Commission, Experts Group Provision of discharge data exceed warning level
Sino-Russia	Joint Steering Commission, Experts Group Sharing of hydrological data of flood season in Heilongjiang(Amour River)
Sino-Indian	Joint Steering Commission Provision of hydrological data in flood season of yaluzangbu and langqinzangbu river
Sino-Viet Nam	Exchangement of Hydrological data
Sino-North Korea	Hydrological Cooperation in yalu river and tumen river
Sino-Bangladesh	Provision of Hydrological data, Provision of hydrological data in flood season of yaluzangbu

Sino-MRC



- In 2002, MWR and MRC signed the agreement for China to provide hydrological data during flood seasons to MRC.
- In recent years, China organized several technical trainings for downstream countries, sent 6 young experts to the MRC for a short-term work. The MRC expressed its gratitude for China's efforts.



Meet with CEO in MWR



Technical trainings (Wuhan in China)

Sino-Thailand



- In 2011, Thailand witnessed an exceptionally large flooding. China sent out two batches of flood experts to provide technical consulting service on flood control and disaster relief, and assisted in compilation of flood control planning, which all finally brought the substantial benefits to Thai people.



Thai Prime Minister's visit to MWR



Chinese experts in Thailand

Sino-Vietnam



- Agreements on exchanging hydrological information in flood season of Yuanjiang-red River and Zuojiang River were signed respectively in 2002 and 2009, which have made positive contribution to flood control and disaster relief in both countries.



Signature of MOU

- With the humanitarian spirit, China is willing to continue the free provision of hydrological data of flood seasons to downstream countries, according to the Agreement newly signed in 2013 with MRC.
- Chinese Ministry of Water Resources will continue to share the successful experiences and technologies with the riparian countries of the Mekong river in the aspects of integrated river basin planning, flood control and disaster mitigation, irrigation and etc.

智者乐水
仁者乐山

“The wise find
pleasure in water;
the virtuous find
pleasure in
mountains...”





THANKS FOR YOUR ATTENTION !

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