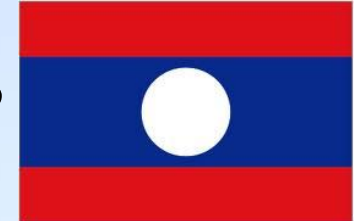




“Webinar on Water Supply and Safety”



Water Resources Management in Lao PDR

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25-26 November 2021

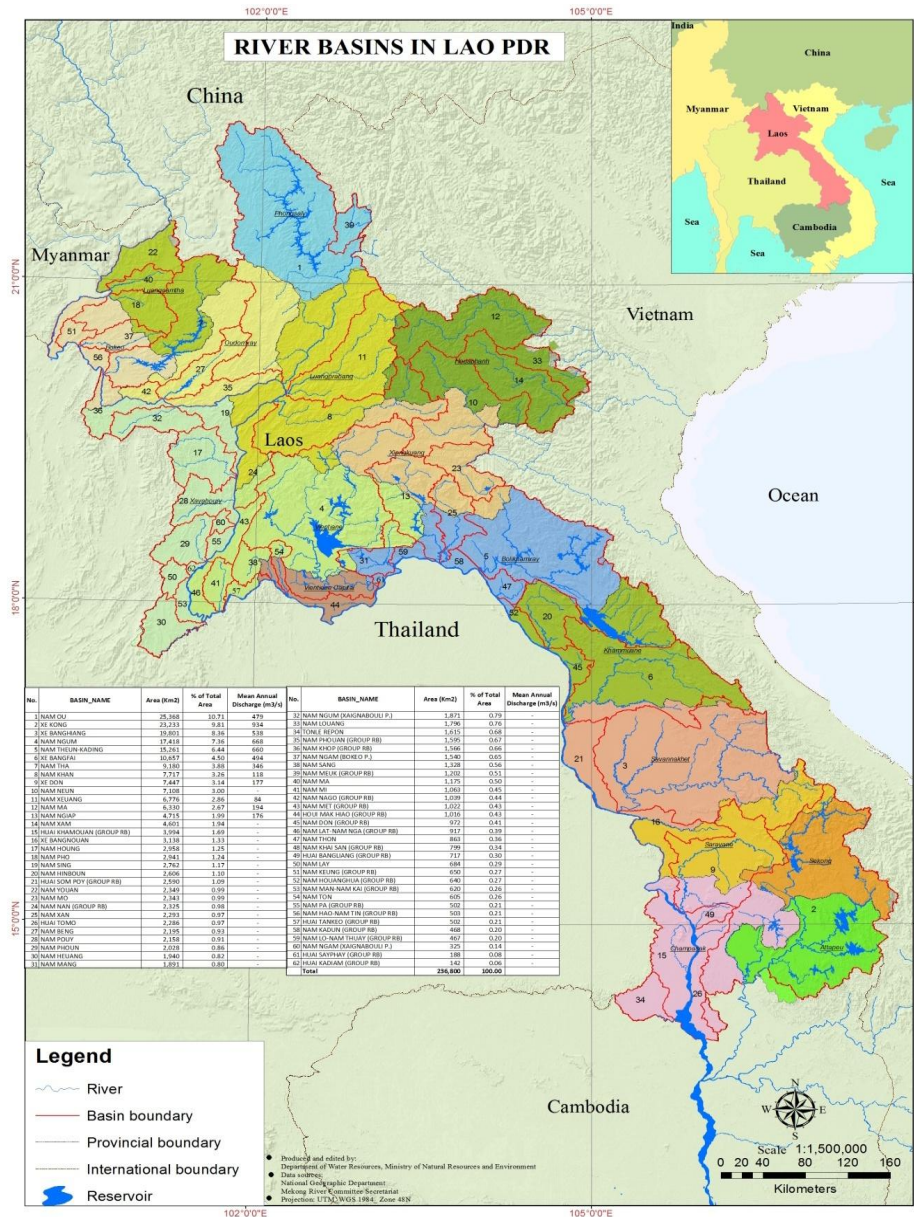
Outline

- 1. Overview of water resources**
- 2. Law on Water and Water Resources**
- 3. National Water Strategy Challenges**
- 4. Action Plan two thousand and twenty five year**



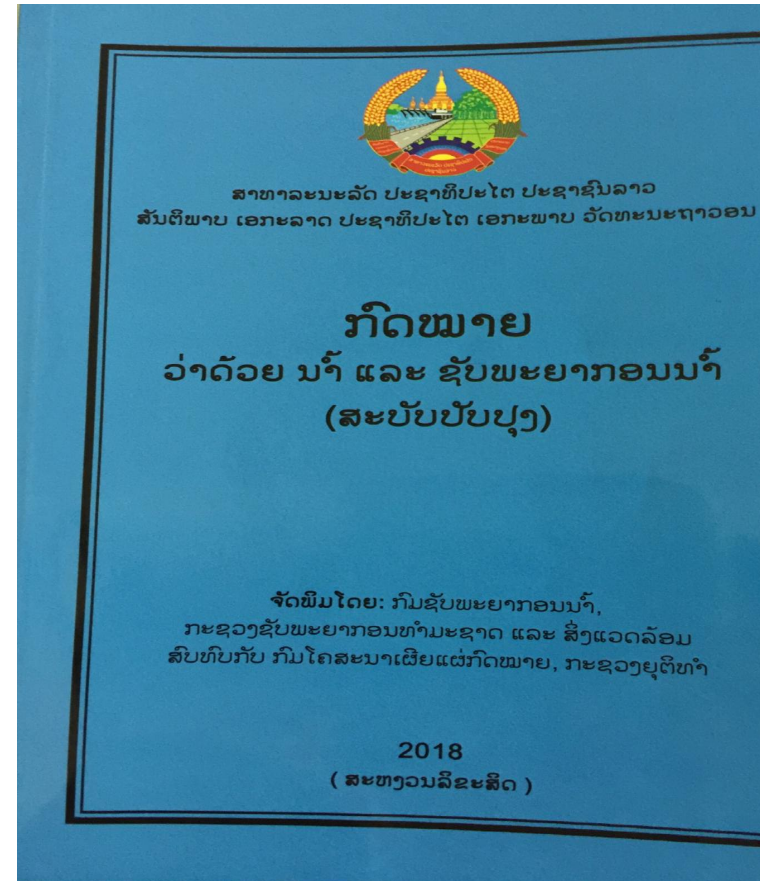
Overview-Water Resources in Lao PDR

- Lao PDR is located in South-East Asia with Area of two hundred and thirty-six thousand eight hundred square kilometer, people about seven million;
- Ninety percent of the country are in the Mekong Basin
- Water resources per capita is around five hundred and fifty thousand cubic meter per year;
- River flow: eighty percent in the rainy season and twenty percent in the dry season;
- There are total sixty two River Basins (fourteen Large , nineteen Medium, twenty nine Small)
- fifty six River Basins flow to Mekong, the other six River Basins flow to Vietnam



Law on Water and Water Resources

- 1st published in nineteen ninety six year and then revised in two thousand and seventeen year
- There are total one hundred and three articles
- Some articles related to water supply and safety:
 - Article twenty one: Environmental Flow
 - Article twenty seven: Water reserved areas
 - Article thirty: Water quality standard
 - Article thirty seven: Drinking water sources
 - Article forty-two: Water use permit
 - Article fifty six: Water rehabilitation



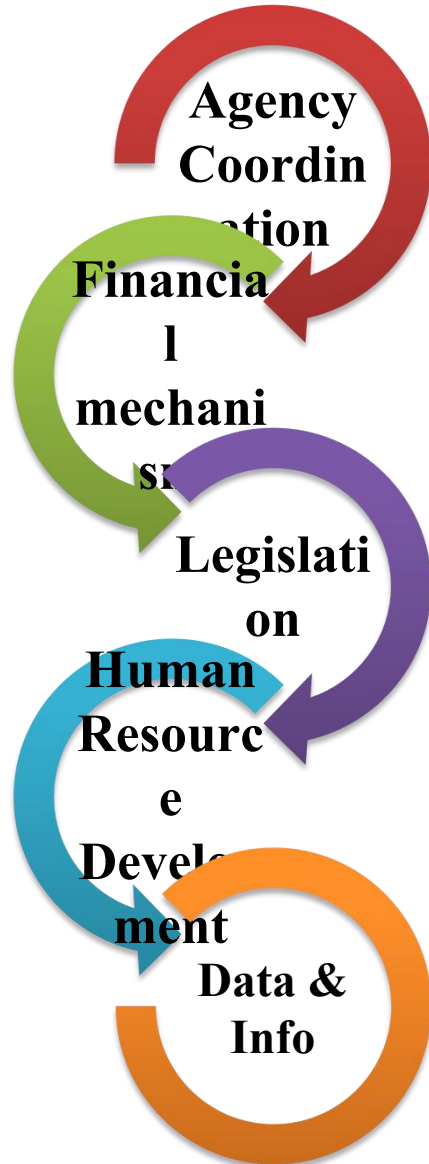
National Water Strategy two thousand and thirty

- **Vision: “Managing and utilizing water and water resources based on Integrated water Resources management **principles** to ensure the **availability and health of water** for sustainable development and the reduction of disaster risk ”**

There are eight programs:

1. Integrated river basin management
2. Water data-Information system management
3. Water protection and rehabilitation
4. Groundwater management
5. Water infrastructure
6. Financial mechanism
7. Human resource development
8. International cooperation

Challenges



Institutional arrangement & establishment need to strengthen cross sector collaboration;

Limited financial support & sustainable mechanism – equipment, tools, technologies...

Legislations & guidelines need to be developed and enforced

Limited capacity of concerned staff
Low public awareness & participation in IWRM.

Lack of efficient & accurate Water data & information

Key Action Plan two thousand and twenty one year to two thousand and twenty five year

1. **Formulate/update and implement legislations – such as water law, related regulations, technical guidelines**
2. **Develop/implement river basin management plans for fourteen large basins and others**
3. **Conduct groundwater assessment and develop groundwater management plans**
4. **Water quality monitoring and management**
5. **Wetland and Peatland survey and management**
6. **Continue to develop water resources database, network, inventory, and modeling**
7. **Capacity building and awareness raising with gender mainstreaming and participation of all stakeholders**
8. **Regional and international cooperation.**



A scenic landscape at dusk or dawn. In the foreground, a river flows from left to right. The middle ground is filled with dark, silhouetted trees and vegetation. In the background, a range of mountains is visible against a soft, orange and yellow sky. The overall mood is peaceful and serene.

Thank You Very Much!

谢谢大家