



# Needs of Mongolia

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# History of the education

- ◆ Since 1950-s started in Russia, Sankt-Peterburg, Hydrometeorological State University and in Ukraine, Odessa, Ecological State University
  - Engineer, 5 years
  - Ph.D, 3 years
- ◆ Since 1960-s in Mongolia, Department of Hydrometeorology and ecology, National University of Mongolia
  - Engineer, 5 years
  - Ph.D, 3 years
- ◆ Since 1990-s in Mongolia, Department of Hydrometeorology and ecology, National University of Mongolia
  - Bachelor, 4 years
  - Master, 2 years
  - Ph.D, 3 years
- ◆ Training in Mongolia and in other countries



# Human resource

## ◆ Researchers

- In IMH
- In other institutions of Mongolia
- At aimag (province) level

## ◆ Observers

- At aimag level (province)
- At sum level (village)

## ◆ Students

- Bachelor
- Master
- Ph.D





# Needs

- ◆ Understanding should be same (Drought & etc)
- ◆ Data quality check
- ◆ Have to improve the working skills
- ◆ To share data (ground based and remote sensing), experiences, information, research output & etc
- ◆ Need to use new programs (WaterGAP & others), models and etc.



# Problems

## ◆ Difference

- Understanding (Drought &etc)
- Methodology
- Methods (software and programs) for data processing and etc
- Instruments
- Technical facilities, PC etc

## ◆ Communication (language)



# Conclusion

- ◆ Capacity building is needed in developing countries
  - Training is necessary
  - Should improve the skills and knowledge
  - Sharing data, technology, methodology, models, research methods and etc
- ◆ Working together and getting much more results and understanding will be much more in the region...



Thank you for your attention