

NEPAL TEAM

Chairperson:- U.K. Jha

Reporter:- B.R. Adhikari

Team members:

N.M Joshi

A.L. Shrestha

D.P. Dhakal

N.S. Pradhan

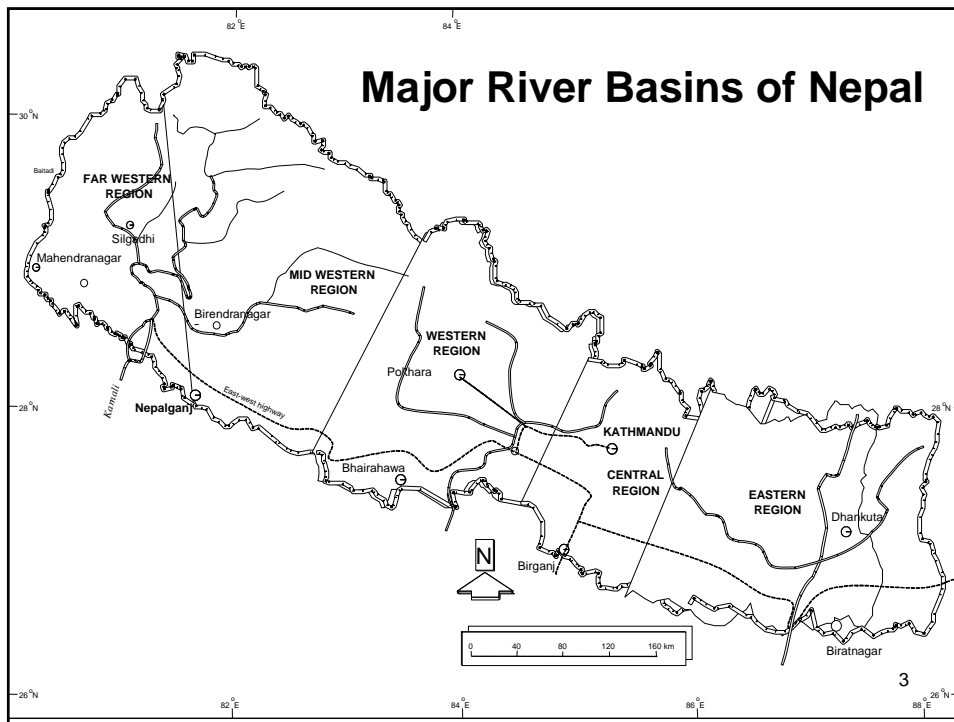
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Background

- Total land area : 147,000 km²
- No of rivers : > 6000
- Per capita water availability: > 9000 m³/annum
- Total surface water potential: 225 BCM
- Total ground water potential: 6-11.5 BCM

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Background (cont..)

- Major River Basins
 - Koshi
 - Gandaki
 - Karnali/Mahakali
- Two types of river basins
 - Surplus river basins
 - Deficit river basins
- Major Water user- Irrigation
- Priority- Drinking water, Irrigation, Hydro power, Others

Issues

- National Issues
 - No Policy/Regulation for RBM
 - No umbrella organization for water allocation and distribution within the RB
 - Deforestation- depletion of water availability
 - Migration/Encroachment of marginal/forest lands
 - Contamination of water
 - Less concerns of environmental issues in water resources planning and design
 - Less consultation with local water users

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Issues (Cont..)

- Trans-boundary issues
 - Impact due to activities of immediate d/s of border

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Constraints

- Limited database of present water uses
- Guided by bilateral agreements
- Less coordination among various water service providers
- Isolated project development approach
- Increasing demand due to population growth and urbanization
- Political intervention in water resources project development
- Inadequate financial resources

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Objectives

- To prepare comprehensive policy documents for RBM
 - Land use
 - Protection of water sources/watershed management
 - Address environmental issues
- To analyze the demand and supply of water resources for RBM
- To ensure participation of water users and water service providers

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THANK YOU !