Water Resources in Bangladesh

• Water Budget: 1000 to 5000mm of rain. Over 200 large and small rivers, discharge about 175 billion cubic meter of water and 2.4 billion tons of sediment to the Bay of Bengal.

• Total catchment = 1.7 million sq. km, 8% in Bangladesh
Schematic water balance for average year

Cross boundary inflow (81%)

Precipitation (18.92%)

Total Inflow (100%)

Stream flow to the sea (88.82%)

ET/deep percolation (11.18%)

May 25, 2011
Water Usage

- Water supply (Domestic use of water)
- Agricultural use
- Fisheries
- Navigation
- Hydropower
Water Issues

- Flood
- Drought
- Bank erosion
- Water logging
- Wetland conversion
- Water quality