

### **Bhutan - Location**



### National features



**National Flag** 



**National bird-Raven** 

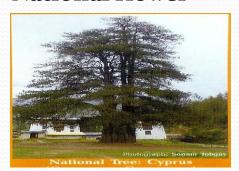


National butterfly (Swallowtail)

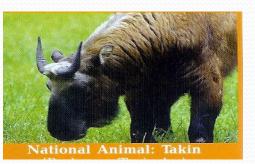


Photograph: Ryosuke Ogawa
National Flower: Blue Poppy

**National flower** 

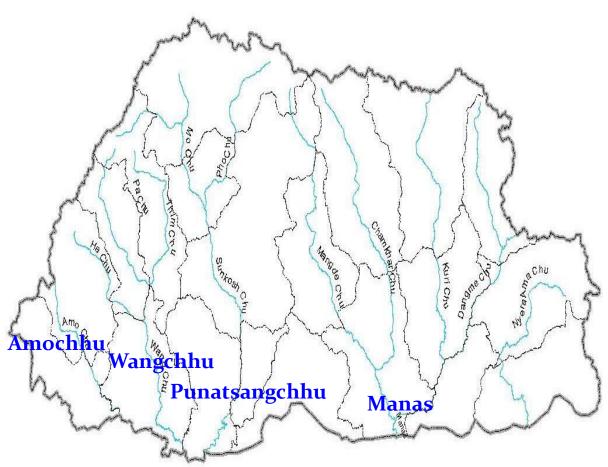


National tree



National animal

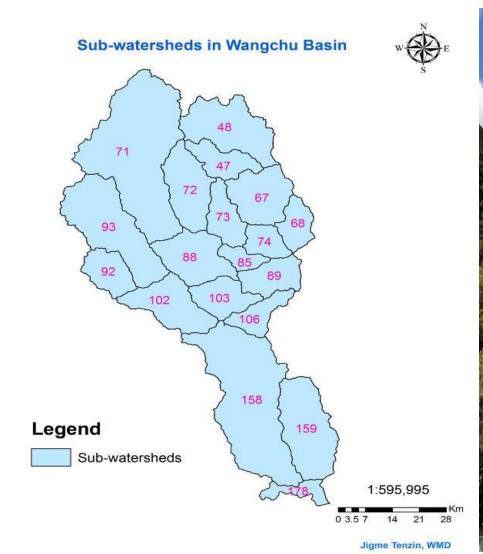
#### **Salient Features**



The four major river basins of Bhutan

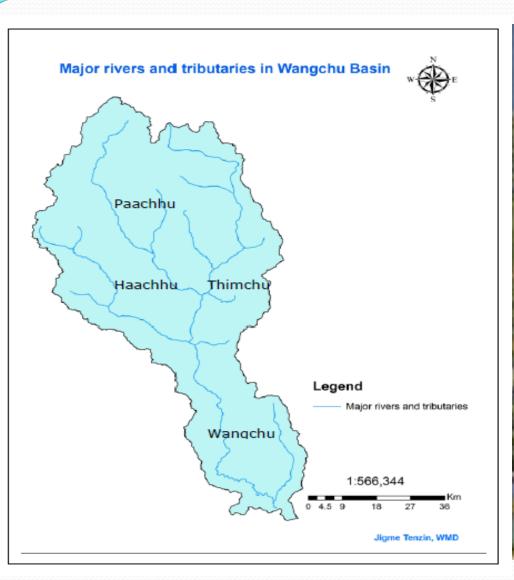


## General information of Wangchu RB



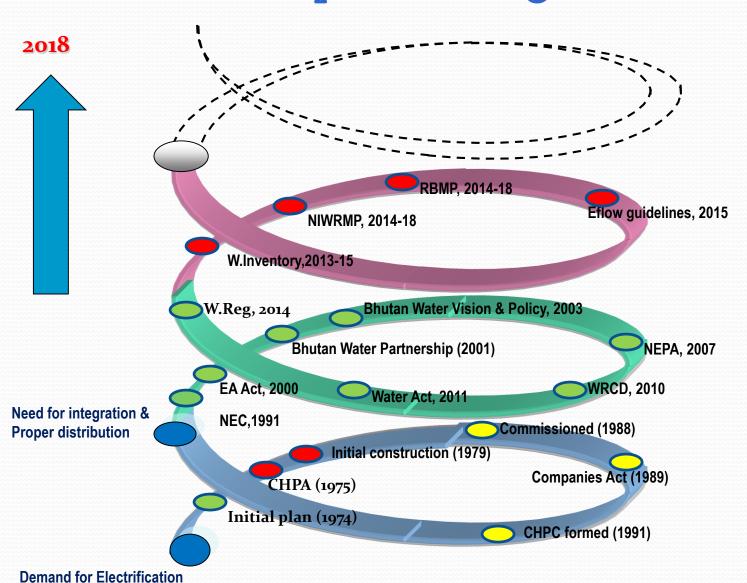
The total area: 4608 km<sup>2</sup> dministration covered: 78,937 (26.6% of the 19 sub-watersheds Altitude ranges from: 65m in the south to 7147m in the 🕥 Total length: 137km

### General information contd...



The Headquarter of the basin is formed by Haa Chu, Pa Chu and Thim Chu 36 glaciers and 221 glacial lakes are located in the head waters of the Basin (ICIMOD) Mean flow: 98.49 cumics (DoE) Annual sediment load: 300,000 to 00,000 ton per year

### IWRM Spiral of Wangchhu Basin



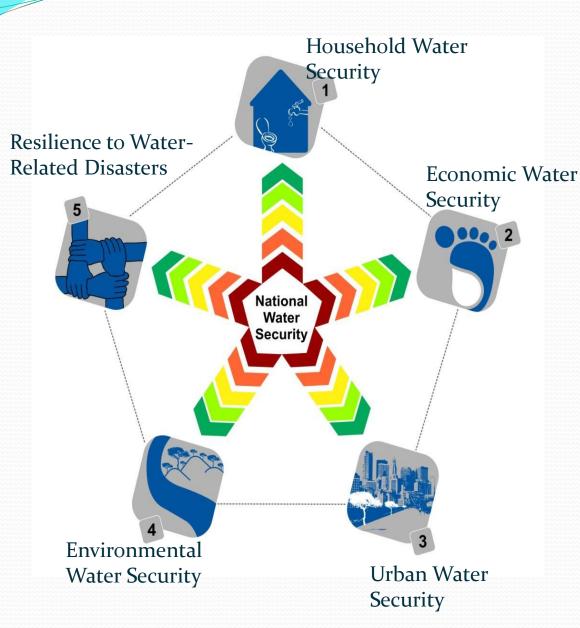
Phase 1:

Phase 2:

Phase 3:

Phase 4:

# 5 key dimensions (KD) of water security



AWDO 2013 provides the tools or framework for the assessment of water security in five dimension

AWDO indicators will be used to assess the outcome of IWRM







