

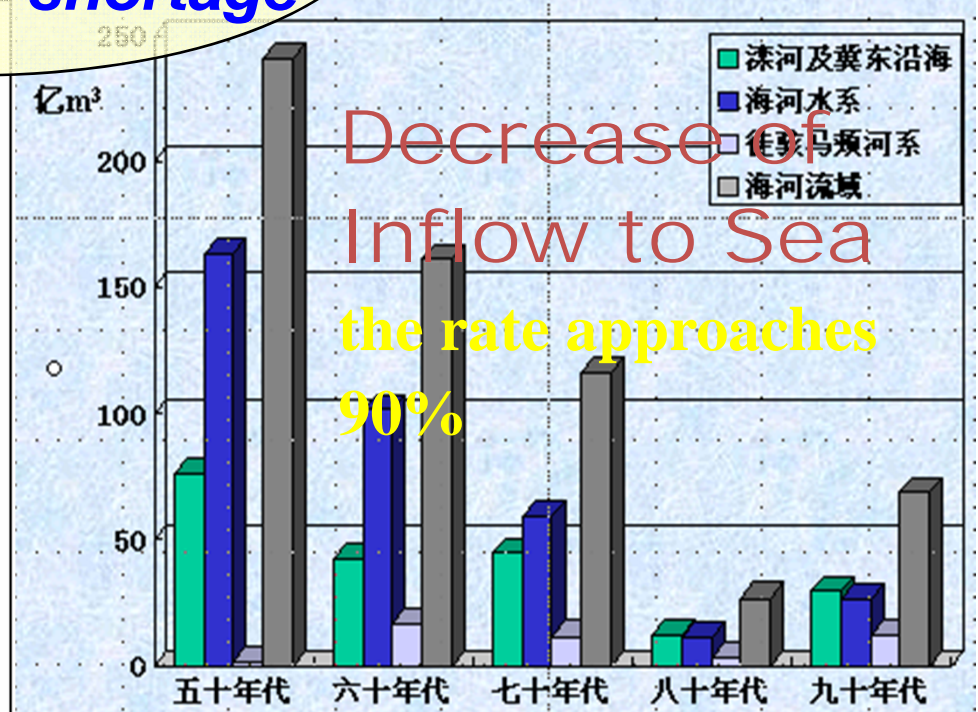
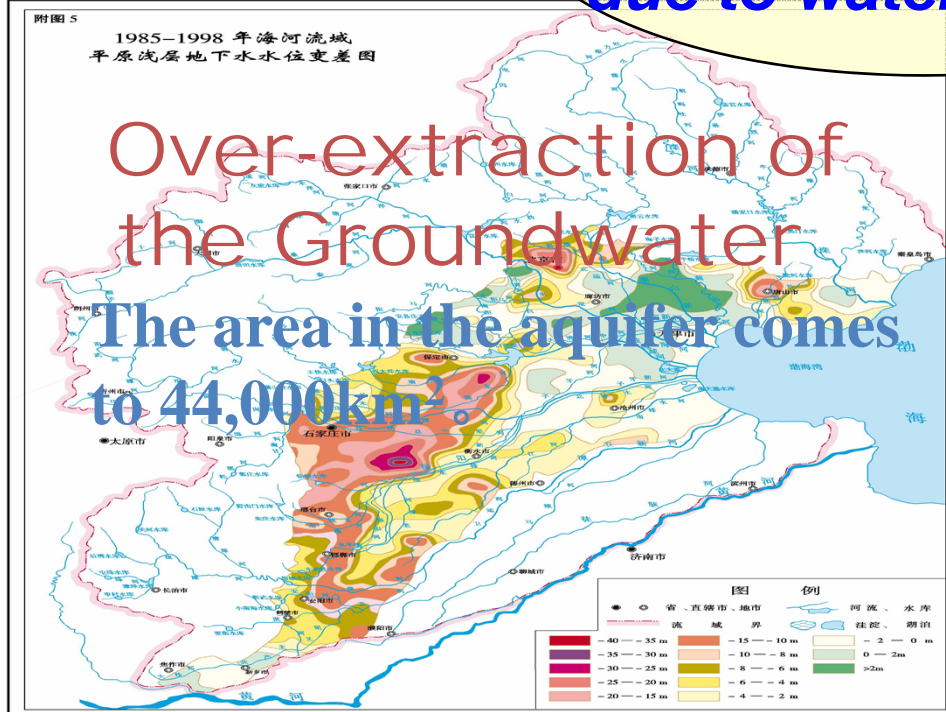
Drying-up of Rivers

40% of the total rivers was changed to be seasonal rivers

Wetland degradation

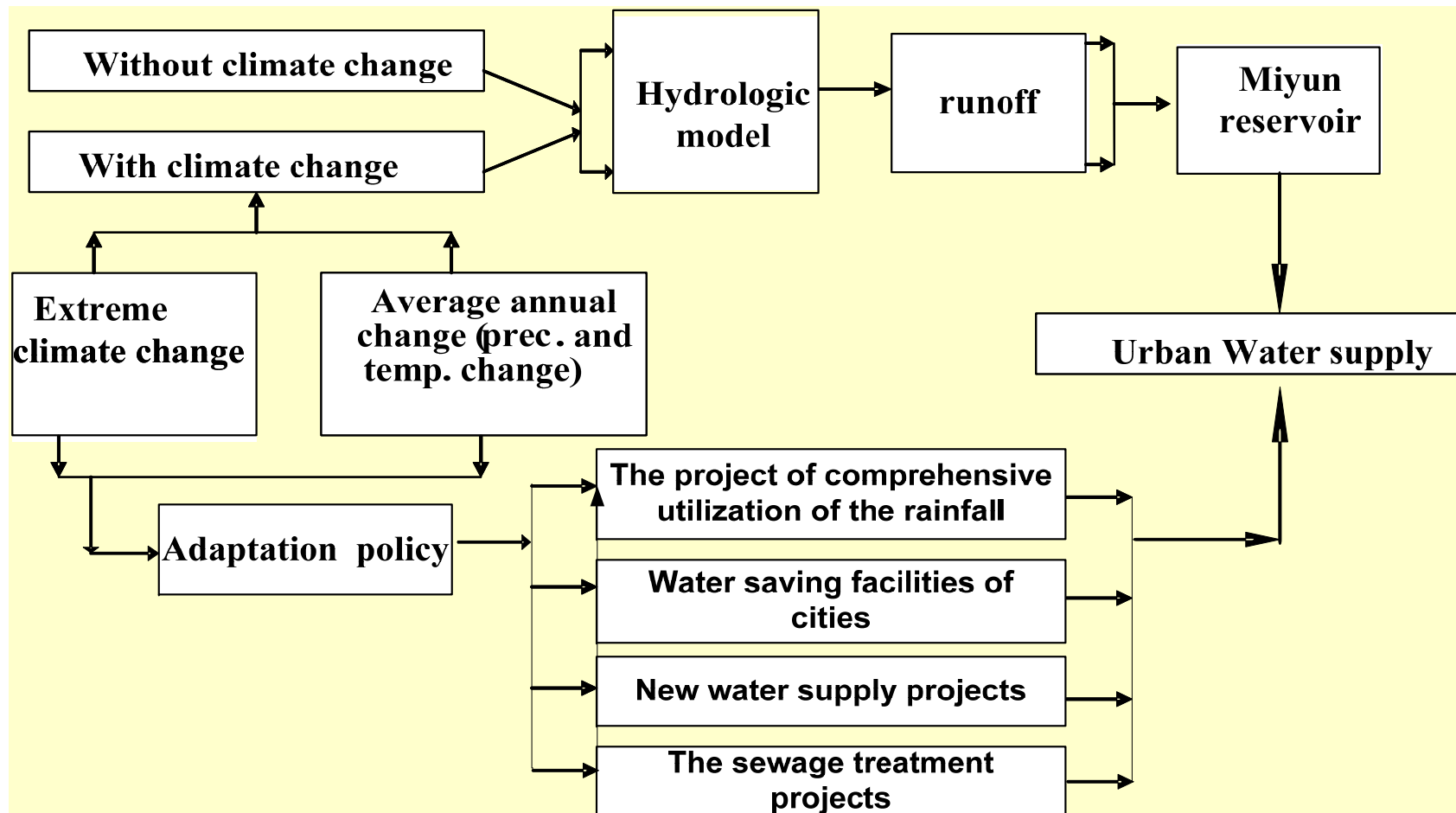
the rate reaches 90%

Eco-environment degradation in Hai River due to water shortage

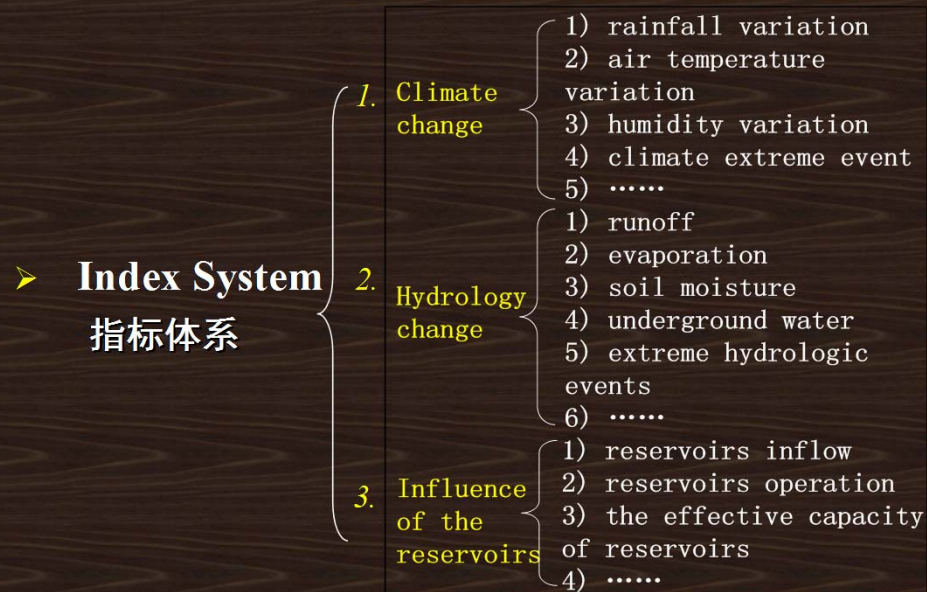


Semi quantitative and quantitative analysis

applied to Case study in Miyun Reservoir Basin, Beijing Capital

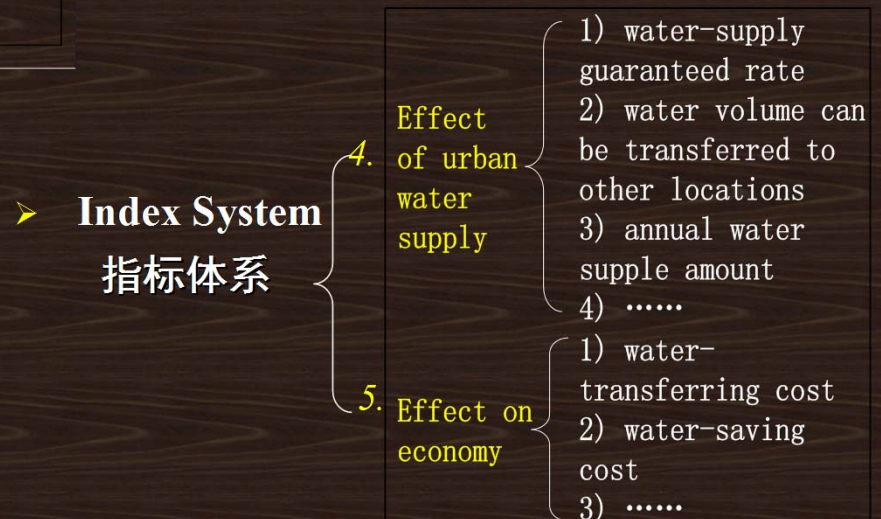


Index System



- *Climate change*
- *Hydrological change*
- *Influence of reservoir operation*

- *Urban water demand*
- *Urban water supply*
- *Economic analysis*
- *Adaptaions*



Vision I : Human activity is a major reason of water stress, such as over exploitation to limited water resource.

- *Water use in agricultural irrigation is almost 70% of total water use amount.*
- *Over use of ground water is also one of major causes to reduce ground water resource.*

