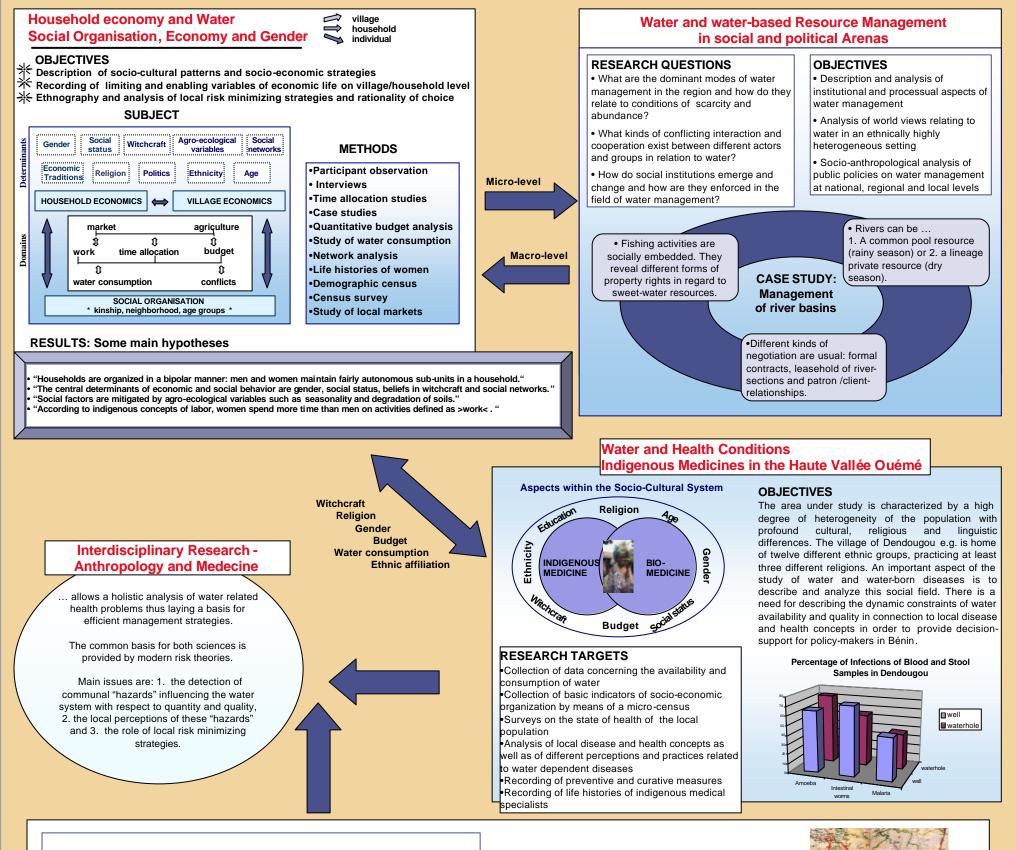
A5

5 Risk and Insecurity when Resources are Scarce: Ethnological and Medical Perspectives on the Availability,

Quality and Management of Water



Water-associated Infectious Diseases

Drinking-water Quality and Risk Assessment

AIMS

- Detection, characterization and quantification of water-transmitted pathogenes
- Epidemiology of water-associated diseases in the Upper Ouémé-Region

METHODS

- Mapping of water sources (about 1000 locations in the CATCHment-Area)
- Sampling (80 sources/1000)
- a) Culturing (2000 isolates/80 sources), b) Concentration of indicator viruses
- Identification of microbial species (Microscopy, Bio-Assay, Antibiogram, Serologie, Genetics [PCR])





