

## Session # 4 Formulation of the Research Problem Session # 4 Formulation of the Research Problem Research Problem

# For a demonstration Banerjee, R., (2019), Sustainability of Urban Water Supply and Sanitation in Dryland Areas A Study of Indore City, Economic and Political weekly, vol IIV no 14, pp. 50-57.

### Formulation of the Research Problem

- Need for financial, environmental and social sustainability and equity of services in urban development.
- · Water supply and sanitation (WSS) and waste water treatment are **critical** in urban areas.
- Dryland areas are physically water-scarce and constitute 70% of the country.
- Financial, social and environmental problems plague centralised systems.

### Formulation of the Research Problem

**New** hybrid and decentralised systems have been developed and implemented across the world that optimally use, reuse and recharge water sources.

Consequently, in-depth study of the financial, by Consequently, in-depth study of the financial, environmental and social sustainability and equity of was will be useful in enhancing benefits and cutting costs.

### Formulation of the Research Problem

### **Research Objectives**

- To review the proposed Water Supply and Sanitation services infrastructure and services in the city of Indore in Madhya Pradesh
- To suggest alternative measures for a more equitable and sustainable water management system.

### Key Research Questions by the author How viable are the existing and proposed WSS services in Indore given the natural and financial resource endowment of the IMC, and the economic situation of the population, in general, and the poor, in particular? What are the possible improvements in WSS provisioning and governance in Indore?

## Research Problem Research Problem