

CHAPTER 22

GEOGRAPHY

Doctoral Theses

184. BOMJAN (Sushma)
Water Resource Management in Hill Towns of Darjiling Himalayas.
Supervisor : Prof. B. Thakur
Th 16341

Abstract

Examines some of the core issues which include : (a) examining water potentials in the ecological setting of hill towns of Darjiling Himalayas; (b) water utilization for domestic, industrial and recreational purposes; (c) water utilization and demand; (d) lack of proper infrastructure and management strategy; (e) political ecology of emerging water crises in this region of abundance; and (f) evaluate the role of municipal governance.

Contents

1. Introduction. 2. Hydrology and ecological system. 3. Urbanization and socio-economic characteristics. 4. Availability of water resources. 5. Utilization and demand of water. 6. Political ecology of water crisis. 7. Municipal governance and people's response. 8. Intergrated water resource management framework. 9. Summary and conclusions. Bibliography and appendices.

185. CHANDNA (Vaneeta)
Spatial Analysis of Water Quality in River Yamuna and its Interrelationship with Human Activities in NCT of Delhi.
Supervisor : Dr. R. B. Singh
Th 16340

Abstract

Analyses the driving forces, spatial extent and temporal variation of water pollution in different segments of river Yamuna in Delhi.

Identifies the variability of water quality and their interrelationship with anthropogenic activities. Determines the impact of water quality on environment and human beings and looks into the government policies and the Supreme Court verdict to abate the Yamuna pollution.

Contents

1. Introduction. 2. Geographical and environmental. 3. Driving forces and parameters of water quality. 4. Temporal and spatial analysis of water quality of the river Yamuna in Delhi. 5. Variability and index of water quality. 6. Agricultural and water use characteristics. 7. Implications of water pollution. 8. Policies of water quality management : Problems and perspectives. 9. Summary and conclusion. Bibliography and appendices.