

Environment



Water Resource Management

There is increasing focus on the quality of surface waters and wetlands for recreation and tourism. On the other hand the human pressure on surface and groundwater worldwide are undergoing rapid increase due to a high demand for water for human consumption, sanitary purposes, agriculture and industry. Further the exploitation of the natural flora and fauna associated with surface waters is increasing. Grontmij | Carl Bro offers a variety of services in Integrated Water Resource Management, as a specialised area of our Integrated Environmental Management.

Water Resource Management



Our professional services within Water Resource Management include:

- Analysis of the status of surface waters
- Present and future impact of human activity
- Objectives for future quality
- Modelling of water quality
- Programmes for the monitoring of water status
- Measures for the improvement of water quality
- Coastal zone management
- Water resource management information systems for storage, quality control, access and analysis of data on water
- Economic analysis of water uses
- Private and the public sector challenges related to the improvement of water quality



Selected References:

- Capacity Building and Human Resources Development for Integrated Catchment Planning in the Department of Irrigation and Drainage, Malaysia. (Danish Cooperation for Environmental Development)
- Support to Implementation of Rural Water Supply and Sanitation, Vietnam. (Danish International Development Agency)
- Supervision and Project Management of Water Demand and Measurement Project, Kosovo. (EAR/EU)
- Support to Rural Water and Sanitation Development - Technical Assistance to Technical Support Unit 5 and 7, Uganda. (Ministry of Water, Lands and Environment)
- Standards of Services for the Water Supply and Sewerage Sector, Lithuania. (Danish Environmental Protection Agency)
- Volta Region Community Water Supply and Sanitation, Ghana. (Danish International Development Agency)
- Project Wide Capacity Building and Training, Urban Environment, Ghana. (NDF, Nordic Development Fund)
- Institutional Development Support to Aswan Water Authority, Egypt. (Danish International Development Agency)
- Integrated Water Resources Management, Burkina Faso. (Danish International Development Agency)
- Integrated Water Resource Management Project, Department of Water Affairs and Forests, South Africa. (Danish International Development Agency)
- National Strategy for Water Quality effects from dense settlements, Department of Water Affairs and Forests, South Africa. (Danish International Development Agency)

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