International Resources Group

Water

Capabilities

- River Basin Planning
- Watershed Management
- Water Quality Assessment/Enhancement
- Water Policy Reform
- Water Management and Wastewater Reuse
- Coastal Resources Management
- Coastal Zone Development

International Resources Group works with governmental agencies, communities, end users and private sectors to increase overall efficiency and equity of water use to satisfy the growing demand of urban and rural households, industries, and farmers in an environmentally sound manner. We have extensive integrated water and land management experience guided by a deep understanding of the ridge to reef dynamic. Our experts help prepare for and mitigate the negative effects of floods, droughts and accidental contaminating spills. They are practiced in developing flood and water quality monitoring networks, obtaining better allocation decisions among competing users, and are skilled in improving decision support systems for irrigation and integrated water management.

Representative Projects

New Approaches for Water and Coastal Resources

The IRG and Tetra Tech, Inc. joint venture lead this IQC that provides technical assistance services for water and coastal management projects in countries around the world, including developing a safe water supply, creating sustainable fisheries and aquaculture, protecting coral reefs, controlling pollution, and managing irrigation and wastewater systems. ***Worldwide: Integrated Water and Coastal Resources Management IQC***

Decentralized Water Management to Increase Water Efficiency

Building on the success of the previous IRG-led Water Policy Reform Program, IRG is broadening improved efficiency of irrigation water use through decentralized water management decision making. The focus will be on establishing multiple canal systems and systems to improve equitable allocation of water, implementing methods for water reuse, and job training. ***Egypt: Livelihood and Income from the Environment (LIFE) Integrated Water Resources Management Project***

Defining Water Policy and Regulatory Frameworks

To improve water management in Honduras, IRG participated in stakeholder meetings; identified and met with key constituents in the institutional and policy environments; identified and provided copies of technical reports relevant to the design effort; prepared a synthesis of USAID and Honduran experiences in natural resource and water resource policy; compiled a list of interventions with the most potential to achieve sustainable watershed management results; and incorporated its findings into a brief, with recommendations in water policy and the institutional and regulatory framework. ***Honduras: Effective and Sustainable Water Management***

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Modeling Tools for Improved Water Management

SEPIC is designed to assist the Romanian Ministry of Environment and Water Management and the National Water Authority to improve the management, quality, and sustainability of Romanian water resources, including improved response to floods, accidental spills, and droughts. IRG is implementing the technical assistance and investment in water (TAIWAT) aspects which involve the specification and demonstration of monitoring and modeling tools to facilitate improved management of water allocation, water quality, and floods and accidental spills. ***Romania: Support to Enhance Privatization, Investment and Competitiveness in the Water Sector of the Romanian Economy (SEPIC)***

Effective Water Resources Management to Protect the Environment

The Manejo Integrado de Recursos Ambientales (MIRA) Project focuses on 12 watersheds in Honduras assisting to increase the capacity of Hondurans to conserve biodiversity and effectively manage their natural resources; improve their response to natural disasters; and accelerate economic growth through the introduction of environmentally-safe products and services. ***Honduras: Integrated Watershed Resources Management***

Developing Social and Environmental Assessment Plans

In this World Bank-supported, multi-year program, IRG is responsible for developing a social and environmental assessment and a Social and Environmental Management Plan. The output will provide a baseline for: measuring progress, prioritizing actions, and forming the policy/ institutional framework for restructuring the governing agencies. ***India: Uttar Pradesh Water Sector Restructuring Project***

Finding Alternatives for Wastewater Conservation and Recycling

Under the EPIQ II contract, IRG and its partners were tasked with selecting sites and developing pilot activities to demonstrate feasible approaches for wastewater treatment and reuse in small communities for one of the world's most water scarce countries. ***Jordan: Wastewater Treatment/Reuse Activity***

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