OTHER ACTIVITIES

- Capacity building
  - Training of Master and PhD students
  - Internship for universities and polytechnic students
- Consultancies and advisory services

CONTACT

The Director,
CSIR Water Research Institute,
P. O. Box AH 38, Achimota / M 32, Accra,
Ghana

Tel: (233-302) 775352, 779514, 779515
Fax: (233-302) 777170, 761031
E-mail: info@csir-water.com
  administration@csir-water.com
Website: www.csir-water.com

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CSIR-WATER RESEARCH INSTITUTE (CSIR-WRI)

ESTABLISHMENT
The Council for Scientific and Industrial Research-Water Research Institute (CSIR-WRI) is one of the thirteen (13) Research Institutes of the CSIR. It is a public Institution established in 1996 from the merger of the former Institute of Aquatic Biology (IAB) and the Water Resources Research Institute (WRRI), both of the CSIR, which were established in 1965 and 1982, respectively.

VISION
To become a centre of excellence in the provision of scientific research into water and related resources for sustainable socio-economic growth

MISSION
To conduct research into all aspects of water resources (both living and non-living) in order to provide scientific and technical information and services as well as strategies for the sustainable development, utilization and management of such resources for the socio-economic advancement of the country

VALUES
Our core values include dedication to duty, commitment, loyalty to quality assurance and customer satisfaction

SURFACE WATER DIVISION (SWD)
The mandate of the Surface Water Division is to generate, develop and transfer appropriate technologies, information and services for sustainable development, utilization and management of surface water resources for socio-economic development

FUNCTIONS AND RESPONSIBILITIES
- Assess the surface hydrology and water resources of Ghana for water supply, food and agriculture, fisheries, and manufacturing and mining industries
- Assess the sediment transport of rivers and discharges into reservoirs for planning and management of water resources systems (dams)
- Develop and adapt water supply technologies (such as rainwater harvesting) for domestic, agricultural and industrial uses
- Model impacts of climate change on water resources and develop appropriate adaptation strategies and conservation measures for the country
- Assessment of surface water resources for water supply to communities, farms, companies and individuals
- Characterisation of stream flow of major rivers and lakes
- Hydrological studies in the Volta Basin
- Water resources planning
- Hydrological database management
- Sediment studies on rivers/lakes/reservoirs
- Modeling impact of climate change on water resources
- Water supply (urban/rural)
- Hydrographic survey
- Coastal erosion/shoreline management
- Development of domestic rainwater harvesting systems
- Flood studies, remote sensing and GIS
- Water governance, irrigation/agricultural water management
- Public education/internships

AREAS OF EXPERTISE
- Hydrology/Water Resources Engineers
- Agricultural Engineers
- Soil and Water Engineers
- Irrigation Engineers
- Tropical Agriculture Scientists
- Earth Science and Environmental Engineers
- Bio-environmental Scientist
- Water and Environment Scientist
- Natural Scientist
- Civil Engineering
- Environmental Resources Engineer