

CARIBBEAN AGRICULTURAL RESEARCH AND DEVELOPMENT INSTITUTE

POSITION DESCRIPTION

DATE OF PREPARATION	:	16 May 2016
APPROVED BY	:	_____
POSITION TITLE	:	Water Resource Management Specialist
DEPARTMENT	:	Technical Services
COUNTRY	:	Multi

FUNCTION:

The Water Resource Management Specialist will lead the Institute's strategic direction and programme for water management for climate resilient agriculture.

ESSENTIAL DUTIES AND RESPONSIBILITIES

Articulates vision for harnessing rainwater (upwater), rivers (downwater) and ground water (undergroundwater) - (UDU) – for climate smart agriculture production

Plans and develops water management strategies for rain fed agriculture, irrigation and drainage, water recycling and hydrometeorology, including use of isotope hydrology in water resource management

Designs appropriate programmes for water harvesting to manage droughts and floods using rainwater harvesting and floodwater harvesting techniques, including catchment, conveyance and storage and supply system

Investigates water, soil and crop interactions for agricultural production

Analyses and implements appropriate waste water recycling programmes

Studies and promotes watershed protection and environmental water use and catchment protection programmes

Defines and initiates water conservation steps and programmes

The above responsibility statements identify specific duties necessary to attain CARDI's overall objectives while not precluding the job holder from carrying out other related activities that may be inherent in the job.

REPORTING RELATIONSHIPS : Reports to the Manager, Science, Technology and Innovation through the CARDI Representative.

PERSONNEL SUPERVISED BY THIS POSITION INCLUDES:

DIRECTLY

Research Assistant
Graduate Assistant
Field/ Laboratory Technician
Administrative Assistant

INDIRECTLY

Field Assistant
General Worker

PRINCIPAL ORGANISATIONAL RELATIONSHIPS:

Internal: All departments within the Organisation

External: Government and Business organisations and Agencies associated with CARDI.

EXPERIENCE: A minimum of three years experience in progressively responsible position in water, irrigation, drainage and/ or waste water recycling, including considerable supervisory responsibility at a senior management level; must have experience or knowledge of planning, research methodology, including data analysis, interpretation and dissemination of results; must be able to communicate clearly and concisely, both orally and in writing.

QUALIFICATIONS: The preferred candidate would have at least a Masters degree with specialisation in Civil Engineering (Water Resource Management) or Irrigation and Drainage Management or related subject.

Signature of Employee: **Date:**

Signature of Manager/Supervisor: **Date:**