

## **JOINT CARIBBEAN AND PACIFIC PROGRAMME FOR ACTION**

### **A. RESEARCH (11 Action Elements)**

- 1) Strengthen the application of climate information and to strengthen the links between meteorological and hydrological services;
- 2) Strengthening institutional capacity for data generation;
- 3) Develop rainfall and drought prediction schemes based on existing models;
- 4) Enable regional support to develop water application of climate information and prediction;
- 5) Implement a programme of climate analysis for assessment of extreme weather events; developing minimum standards for risk assessments;
- 6) Implement actions to strengthen national capacity (equipment, training, etc.) using the model outlined in the Pacific Hydrological Cycle Observation System (HYCOS) proposal and recommendations regarding water quality;
- 7) Implement a programme of targeted applied research projects to address knowledge gaps in line with recommendations and priorities presented;
- 8) Develop and/or implement minimum standards for conducting island water resources assessment and monitoring;
- 9) Implement appropriate water quality testing capability and associated training at local, national and regional level;
- 10) Strengthen and enhance communication and information exchange between national agencies involved with meteorological, hydrological and water quality data collection programmes (including water supply agencies and health departments);
- 11) Utilise the research capabilities at regional science institutions;

### **B. PUBLIC EDUCATION, AWARENESS AND OUTREACH (4 Action Elements)**

- 1) Provide high level briefings on the value of hazard assessment and risk management tools;
- 2) Support community participation in appropriate water quality testing programmes targeted at environmental education and awareness of communities, using existing and proposed programmes as models;
- 3) Recognize the value of informal community groups;
- 4) Including the media as a specific institution.

### **C. EDUCATION AND TRAINING (2 Action Elements)**

- 1) Enhance education and career development opportunities in the water sector;
- 2) Implement hydrological training for technicians in line with the recommendations presented in a proposal to meet training needs;

### **D. POLICY AND INSTITUTIONAL DEVELOPMENT (5 Action Elements)**

- 1) Build environment to facilitate the emergence of an IWRM framework
- 2) Incorporate the community in policy development at the ground level
- 3) Build capacity in use of risk management approach to integrated resource management, in EIAs
- 4) Develop appropriate policy/legislative instruments
- 5) Harmonize legislation, regulations and policy