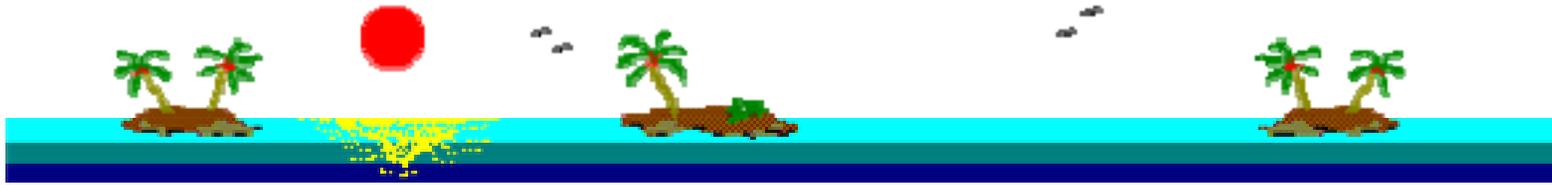


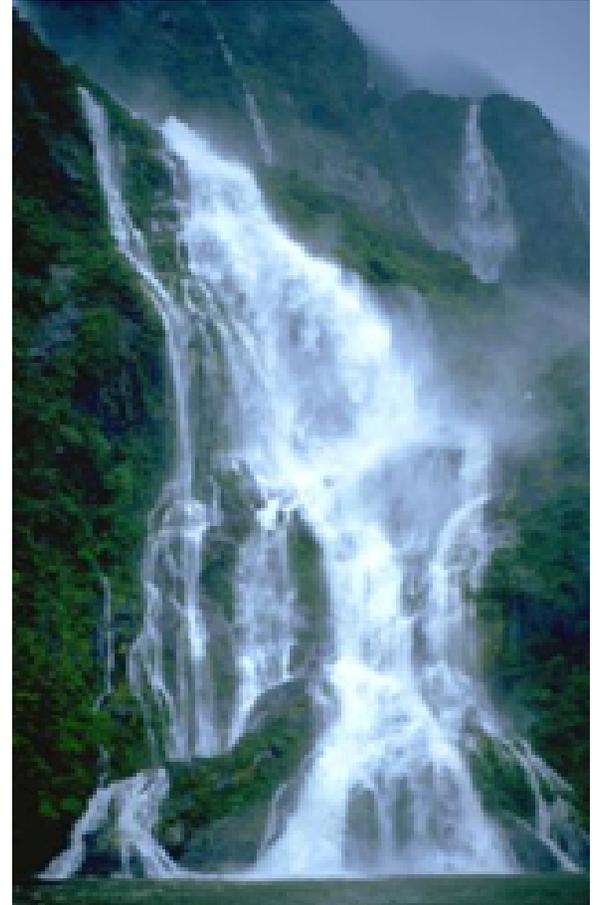
Small islands, big problems



- unique physical, demographic and economic features, including relatively limited surface areas
- limited capacity to store water for use in the dry season
- torrential rains, coupled with steep topography, short river channels and easily eroded soils, can cause siltation of reservoirs
- greater sensitivity to natural disasters
hurricanes and volcanoes

Water water everywhere what is the problem?

- None to drink
- Importing for tourism
- None for agriculture
- Polluted sources



Around the world, humans and other living creatures are facing the consequences of reckless exploitation of water

The Caribbean- integrating the competing demands

- Drinking water and wastewater
- Agriculture- irrigation
- Aquaculture
- Recreation- Dominica, Grenada, Guyana
- Near-shore Fisheries and other coastal resource
- Power generation
- Industry

The new philosophy

- Today it is widely recognized that an **integrated approach** to freshwater management offers the best means of reconciling competing demands with supply and a framework where effective operational actions can be taken.
- It is thus valuable for all countries at all stages of development.

What's the connection between hurricanes and water resources?



Climate change and water resources

- Improve rainfall catchment systems;
- Improve storage and distribution systems;
- Develop under-utilized or alternative water sources;
- Implement better management of supply and infrastructure;
- Increase water conservation programs;
- Construct groundwater recharge basins for runoff;
- Apply the use of new/improved technology, such as desalinization where appropriate.

- How do we find the financial resources needed to meet the Millennium Development Goals (MDGs) for water and sanitation?

**Although this is not common
place**



At some times and in some places it exists

How do we make the necessary input to ensure a integrated approach to sustainable water resources management?

There are two aspects

- Hardware- **industry focus** integrating/ balancing the demand-supply
- Software – **people focus** integrating/ balancing the various individual and community interest

Guiding question

- What are the mechanisms through which the participation of civil society can improve management, conservation of water resources in the region?

Guiding question

- How can cooperation mechanisms aimed at increasing water and sanitation coverage be strengthened in order to reduce the risk of waterborne diseases?

Guiding question

- What type of educational activities at the regional level could promote social participation in water management?