



McGill



CARIWIN REGIONAL SEMINAR

JANUARY 14-15, 2010

Guyana



CARIWIN

- 6 year collaborative project
- Funded by the UPCD of CIDA
- \$1 million
- Regional project
- National initiatives



CARIWIN

Focus on decision making for
integrated water resources
management



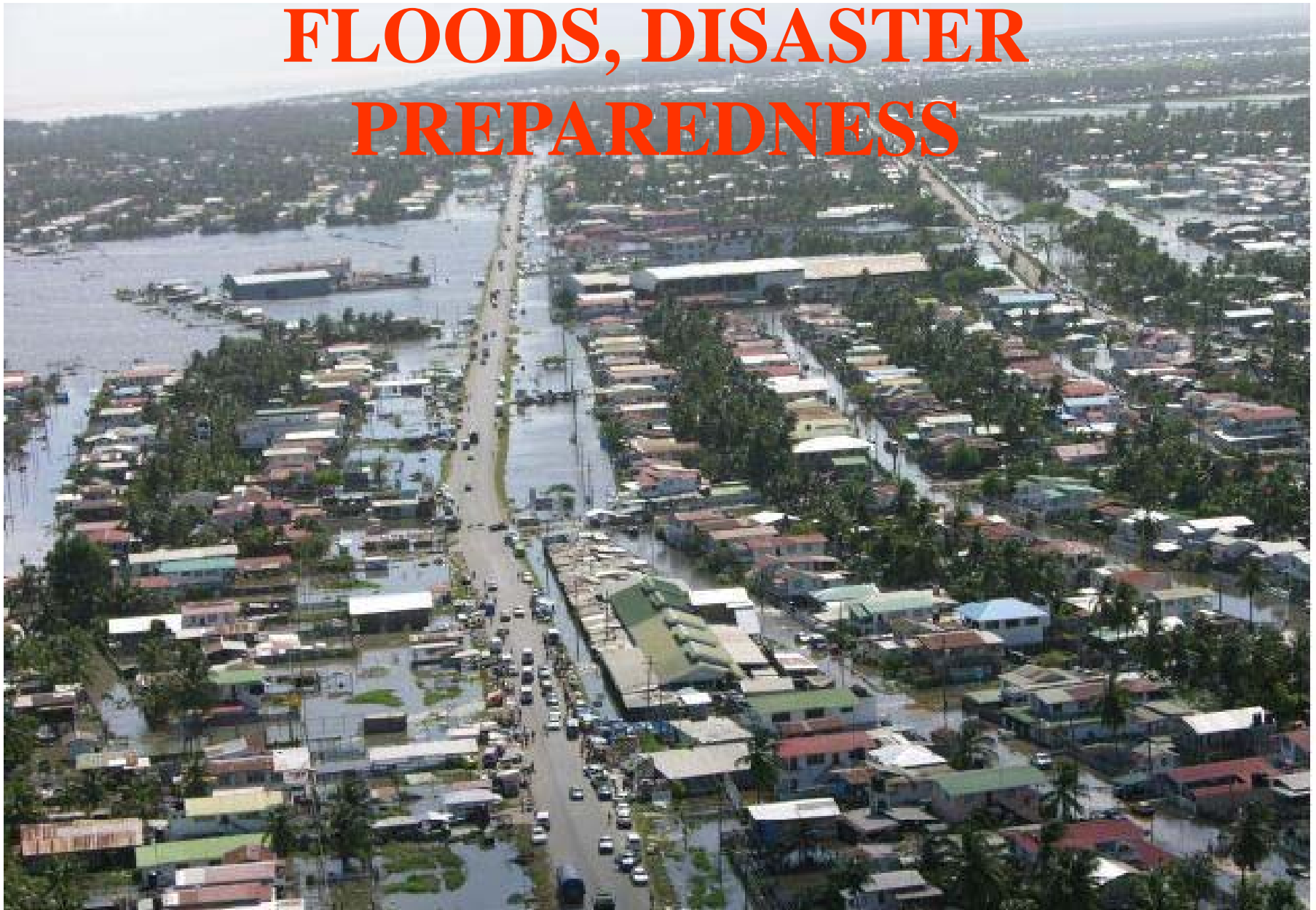
IWRM

A process that promotes the coordinated management of water, land and related resources, in order to maximize equitable economic and social development without compromising the sustainability of vital ecosystems.

WHY IWRM?

- Water scarcity and drought
- Floods and loss of life and property
- Water quality degradation
- Competition for water supplies
- Ecosystem degradation
- Wastage and inequity
- Human health impacts
- Loss of productivity
- Decline in economic prosperity
- Weakened community response

FLOODS, DISASTER PREPAREDNESS



PROVIDING GOOD QUALITY WATER IN RURAL COMMUNITIES



Managing water for agriculture and food security



Urban expansion, crop intensification, new drainage design criteria



Challenges in a changing hydrologic and climatic regime



Infrastructure design

How to make wise investment decisions in the long term?



Data gathering and analysis



Information for decision making

BUILDING COMMUNITY WATER STRATEGIES AND STAKEHOLDER INVOLVEMENT



Building capacity



DROUGHT AND CLIMATE MONITORING – DROUGHT INDICES



Weather based risk assessment and insurance models



Thank You

