IRI Financial Instruments: Disaster preparedness
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Index based disaster preparedness

How can disaster manager
Prepare? React? Fund?

Cooperatively building indexes
Pre-approved, prebudgeted actions
Ready, Set Go
Triggered by
  Seasonal, short term forecasts
  Climate/Weather measurements

Big challenge—what actions with what information?

Participatory materials, climate science, revealed
preference economics

Working on games/materials/activities with disaster
management organizations for Caribbean

Build Materials, processes, Maprooms together...
What events did you experience?

What did you do?

What would you like to have done?

What information did you use?

What information could you use?

What could you do with earlier information?
Actions (IRAP Jamaica CARICOF)

Number of Actions Completed

Preparedness Actions

Follow/Issue Warnings
Do Nothing
Monitor
Secure Assets
Acquire/Disseminate Supplies
Engage Stakeholders
Evacuate
Develop Disaster Plan
Change Practices
Relocate
What next?

Identify relevant forecasts
Link to disaster manager experiences
Not easy!

Further quantify costs of
specific actions
not taking actions
delayed actions
taking action with out disaster

Last week CDEMA meetings in Grenada did structured interviews to get costs

Then develop exercises with forecasts, actions, costs to help decisionmaking

Elicit decision maker risk/cost preferences