

Living With Climate Variability and Change:

Understanding the Uncertainties and
Managing the Risks

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Interactions of Climate and Society

A Few Recent Examples:

Darfur: poverty, drought, violence

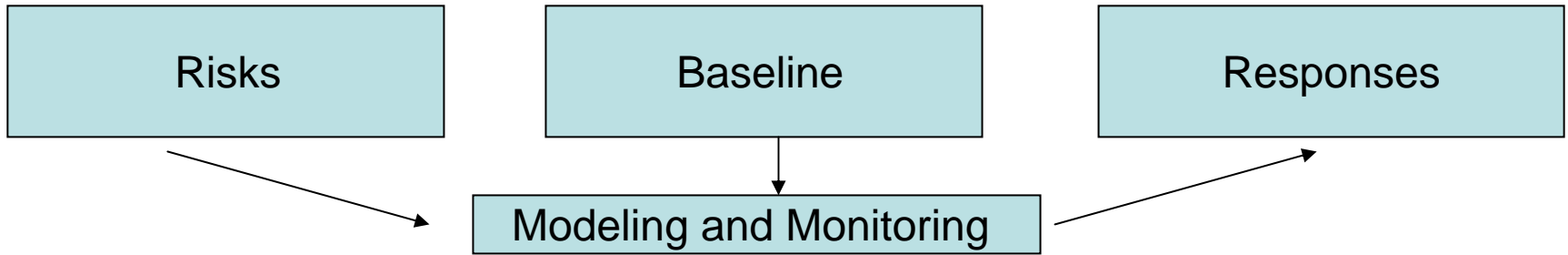
Ecuador: poverty and financial crisis

Indonesia: poverty and financial crisis

Hurricane Mitch: climate shocks and
social capital

Hurricane Katrina: climate shocks and
social capital

Towards a Typology of Risks, Baselines, and Responses



Hydrological:
drought
floods
mudslides
aquifers
Heat Stress
human health
crop yields
Disease
Pests
Storms
Sea level

Household capital
Community capital
Infrastructure
Government reserves
forex
credit lines
Natural capital:
water storage
irrigation
crop yields
Hazards risks:
coastal
seismic
topography
crop types

Vulnerability reduction:
forecasting and
early warning
buffers, e.g.
financial
water storage
sea breaks
ecosystems
Insurance
Diversification
Relief and response
Migration

New Global Assistance for Climate Adaptation

Global Compensation

GEF

Other new funds

PRSP Processes

Global Monitoring, Modeling, Early Warning Systems

Public-Private Partnerships

Insurance

GROCC Initiatives and IRI