

### THE HIDDEN COSTS OF COASTAL HAZARDS

#### Implications for Risk Assessment and Mitigation

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The recent damage caused by Hurricane Katrina and in its wake Rita really brought home the message that global climate change is accelerating increasingly violent and unpredictable global weather patterns.

Ever growing numbers of the world's inhabitants are wondering whether the death and destruction of the current generation of tropical storms could have been prevented.

Oddly enough the answer is YES.

In 1997, the H. John Heinz III Center for Science, Economics and the Environment began a two-year study with a panel of experts to help develop new strategies to identify and reduce the costs of weather-related hazards associated with rapidly increasing coastal development activities.

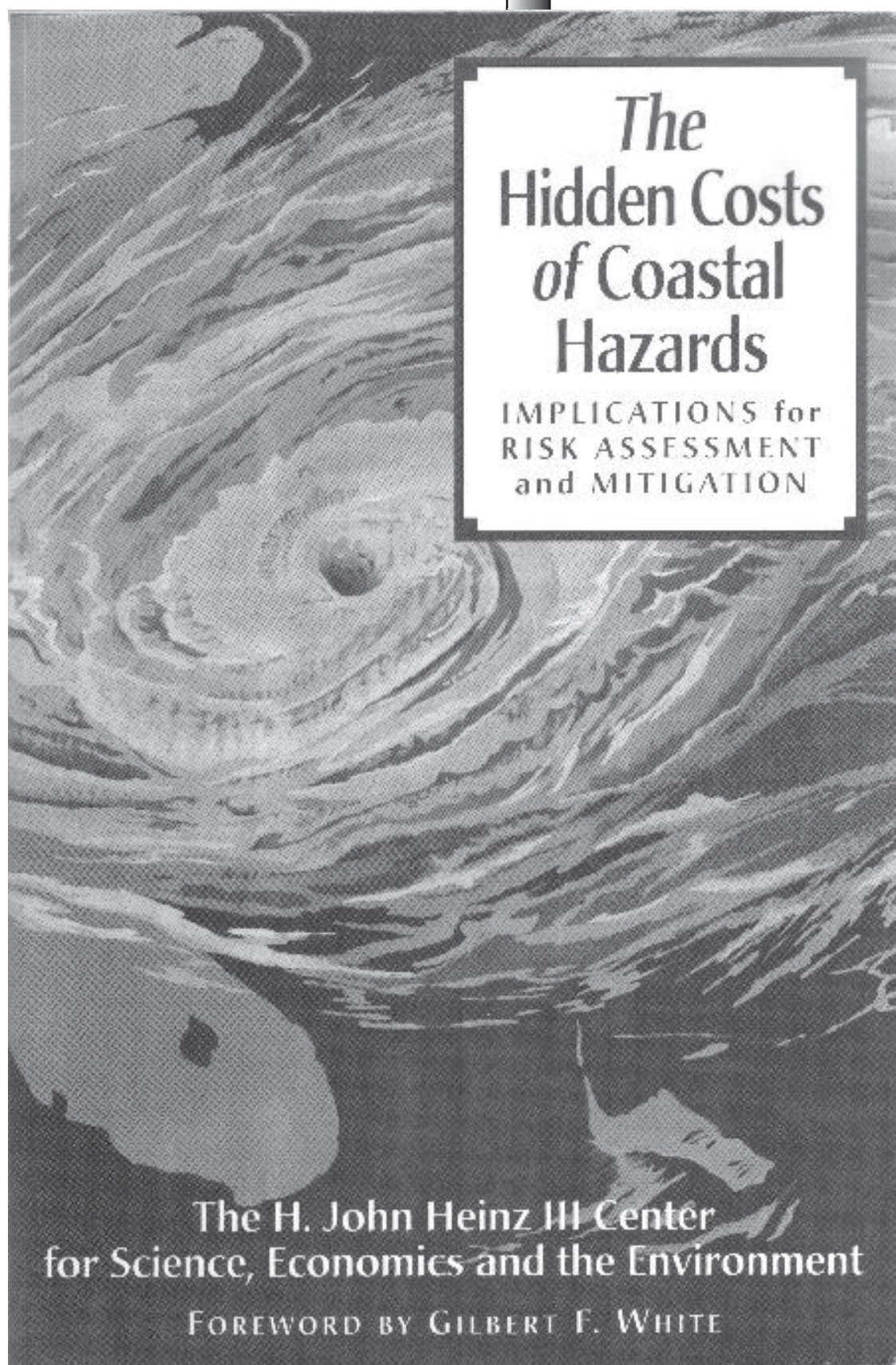
#### The Hidden Costs of Coastal Hazards

presents the panel's findings, offering the first in-depth study that considers the costs of coastal hazards to natural resources, social institutions, business, and the built environment.

Using Hurricane Hugo, which struck South Carolina in 1989, as a case study, it provides for the first time information on the full range of

economic costs caused by a major coastal hazard event.

**The Hidden Costs of Coastal Hazards** takes a structured approach to the problem of coastal hazards, offering a new framework for community-based hazard mitigation along with specific recommendations for



implementation.

Decision-makers-both policymakers and planners-who are interested in coastal hazard issues will find the book a unique source of new information and insight, as will private-sector decision-makers including lenders, investors, developers, and insurers of coastal property.

E daño recien causa pa orcan Katrina sigui pa orcan Rita a resona e mensahe cu cambianan climatologico global ta acelerando patrono di clima global cada vez mas

Straño cu por sona, e contesta ta SI.

Na 1997, e H. John Heinz III Center for Science, Economics and the Environment a inicia un estudio di dos aña cu asistencia di un panel di experto pa yuda desaroya strategianan nobo pa identifica y reduci e costo di riesgonan relaciona cu clima asocia cu un crecimiento rapido di actividad di desaroyo den areanan costal.

**The Hidden Costs of Coastal Hazards** ta presenta e hayazgonan di e panelistanan, ofreciendo e prome estudio profundo cu ta considera e costo di riesgonan costal na recurso natural, institucionan social, comercio y e espacio desaroya.

Usando orcan Hugo, cual a dal South Carolina na 1989, como caso di estudio, e ta provee pa prome biaha informacion riba e gama completo di costo economico causa pa un evento major peligroso costal.

**The Hidden Costs of Coastal Hazards** ta usa un enfoque structura pa e problema di riesgonan costal, ofreciendo un cuadro nobo pa un mitigacion di riesgonan riba un base comunitario hunto cu recomendacionan especifico pa implementacion.

Autoridadnan responsabel-tanto gobernante como planificador- cu ta interesa den asuntonan cu ta riguarda riesgonan costal lo haña e buki aki un fuente unico di informacion nobo y comprendimento, y tambe lo ta di interes den sector priva pa ehecutivonan manera bankero, inversionista, desaroyador y asegurador di propiedadnan costal.

violento y impredecibel.

Un cantidad creciente di e habitantenan di mundo ta puntrando nan mes si e destruccion y mortonan causa dor di e actual generacion di tormenta tropical por a ser preveni.