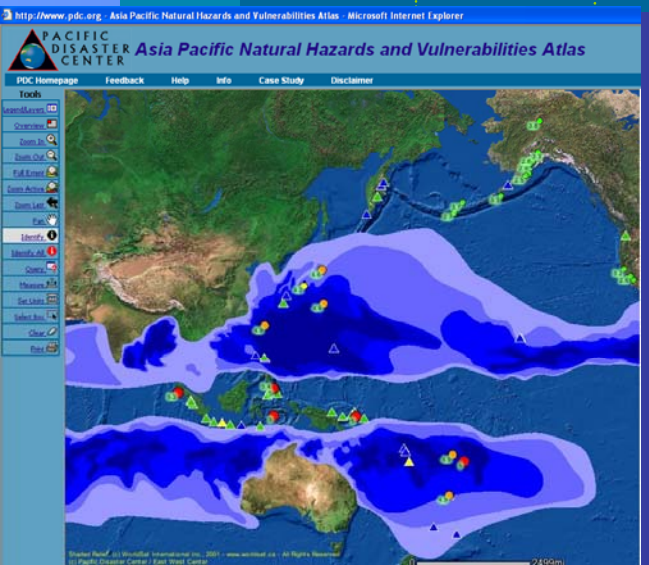
Hawaii Co. Fire Fuels / Fire Risk Mapping
2009 ESRI International User Conference
San Diego, California

PACIFIC DISASTER CENTER

Fostering Disaster-Resilient Communities

Fire Risk Mapping and Related Disaster Management Activities in Hawaii



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Presentation Outline

- Overview of Pacific Disaster Center
- Fire Risk Management Support in Hawaii
  - Fires Fuels / Fire Risk Mapping
    - Maui County
    - Kauai County
  - Fire Operations Support
- Related Resources
  - Hawaii Fire Danger Rating System
  - Hawaii Natural Hazards Atlas

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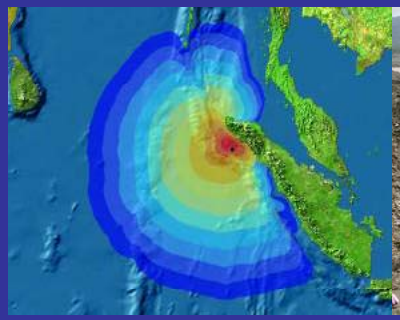
PDC Mission …

Provide applied information research and analysis support for the development of more effective policies, institutions, programs and information products for the disaster management and humanitarian assistance communities of the Asia Pacific region and beyond.



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Our Center …

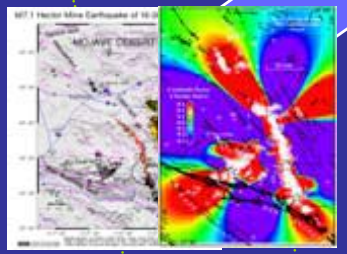
- Applied Science & Technology
- Information Products Supporting:
  - Policy & Decision Makers,
  - Disaster Managers
  - Humanitarian Assistance

Observation Systems /Data

Integrating Information, Science, Technology

GIS, Visualization and Display Systems

Improve Decision-Support Capabilities



Advanced Applications, Algorithms, Models

Communication Systems and Networks

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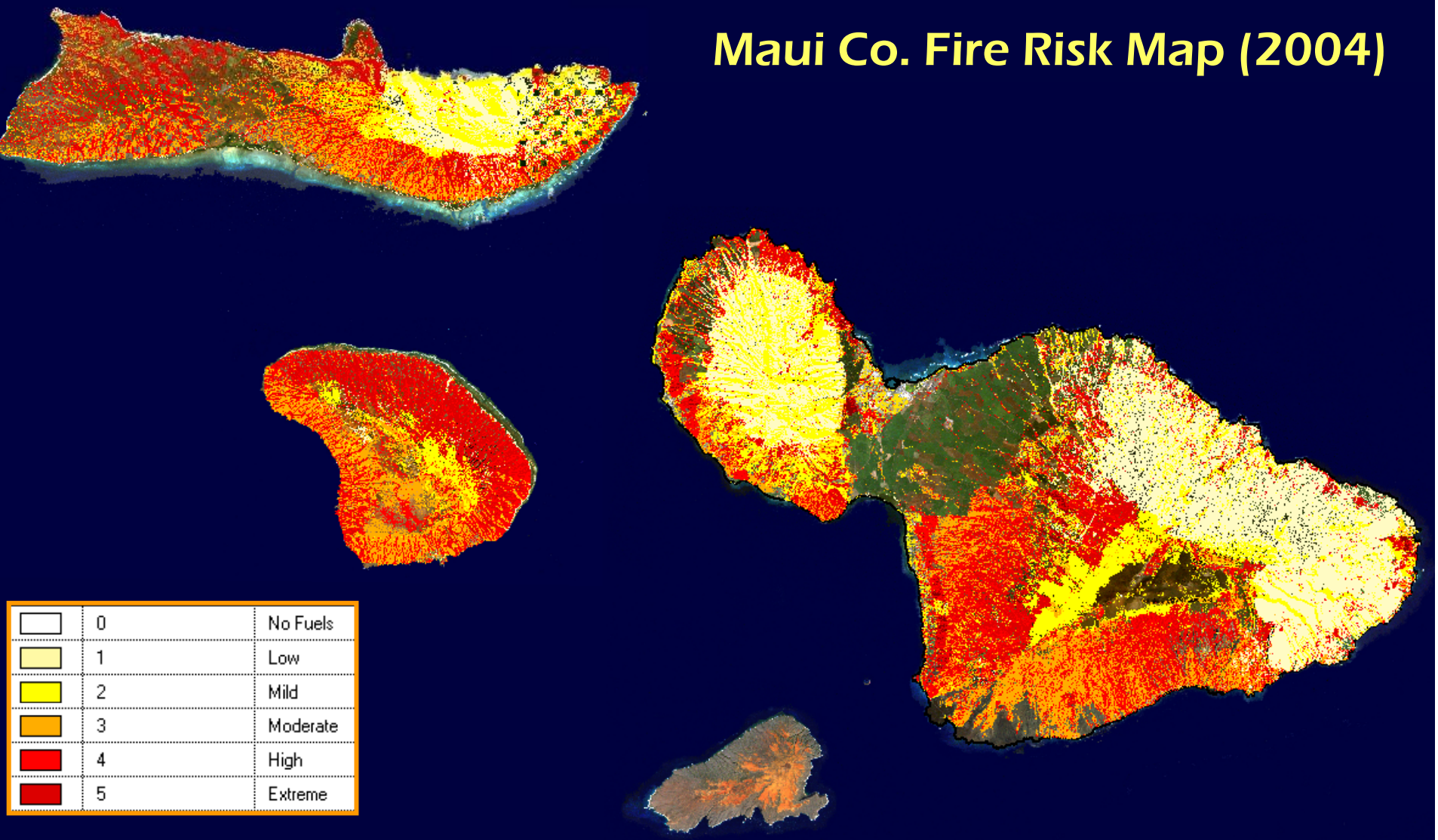
Maui Co. Fire Risk Map (2004)



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Maui County

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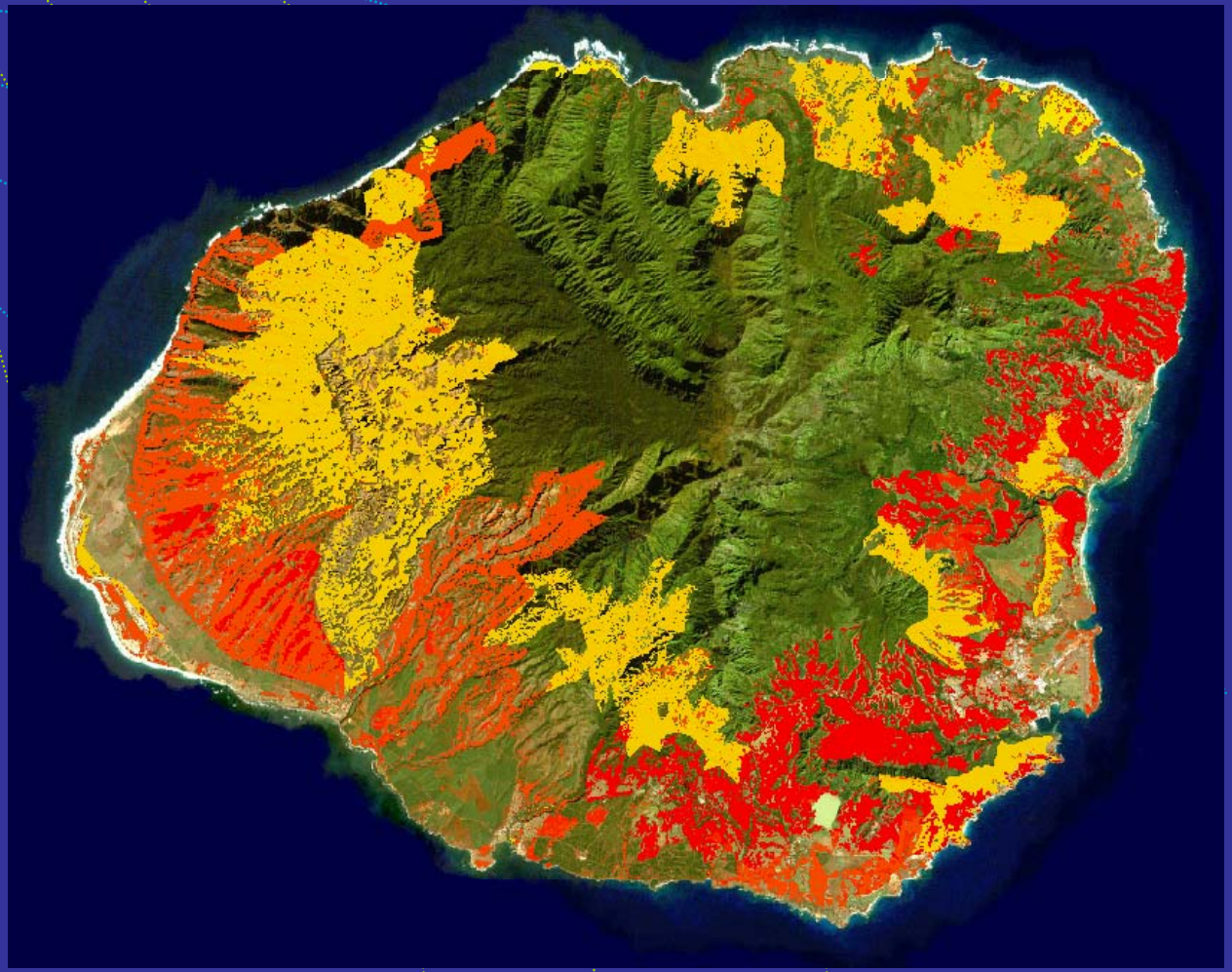
Kauai Fire Risk Model (2005/6)

	0	No Fuels
	1	Low
	2	Mild
	3	Moderate
	4	High
	5	Extreme



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http://atlas.pdc.org

Visit Hawaii Fire Danger Rating System at:

http://fireweb.pdc.org

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