



GHIN: GLOBAL HAZARDS INFORMATION NETWORK



Global Data-sharing Partnerships

The Global Hazard Information Network (GHIN), a partnership of national and international institutions, provides disaster managers, planners, governments, and nongovernmental organizations with real-time access to a wide range of high-quality geospatial information resources for risk assessment, early warning, response and other disaster management activities.

Hosted by PDC, GHIN maintains a dynamic catalog of data that are available from GHIN members, including PDC. GHIN's data search and download capability is available 24x7 via the Web. When end-user Internet access is limited, users can request data delivery by mail service.



Thailand flood map showing districts (in red) that have been notified of flood risks, and the extent of the flooding (in blue). These data were provided by GISTDA, a founding member of GHIN, and incorporated into DisasterAWARE.

GHIN Data and Map Services

GHIN data address disaster management and humanitarian assistance requirements:

- Real-time natural hazard incident data
- Hazard model outputs visualizing potential impacts
- Historical hazard information, including severity and impacts of major events
- Risk and vulnerability layers, including hazard intensity zones for earthquakes, hurricanes, and volcanoes
- Real-time meteorological observations and forecasts
- Critical infrastructure such as roads, ports, and utilities
- Public safety and health facilities such as police and fire stations, hospitals, schools and shelters
- Demographic and socio-economic data
- Topographic data and digital elevation models
- High resolution satellite imagery

Join the Global Community

Organizations wishing to share data with the global disaster management user community are encouraged to become GHIN partners.

GHIN partners retain full control over the release of their data.

Each partnership is formalized by a Memorandum of Understanding (MOU) with the University of Hawaii, the managing partner of Pacific Disaster Center.

A member "startup kit" includes templates and assistance to ensure that all data resources meet minimum, internationally-recognized standards, increasing the usefulness to the worldwide disaster management community.

For more information on becoming a partner, email ghin@pdc.org or visit www.pdc.org/ghin

(Photo credit NASA)

HOW CAN PDC HELP YOU?

PDC will listen to your needs, help identify gaps, and assist in crafting right-sized disaster management solutions.

We Offer:

- Early warning, risk assessment, and modeling and visualization solutions
- Training and strategic advisory services
- Assistance in identifying funding sources or support partners
- Online technologies to efficiently deliver services and support sustainability



Phone: + 1.808.891.0525

Email: info@pdc.org

Web: www.pdc.org

Follow Us:  &  /disasteraware



PDC is an applied science, information and technology center, established by the U.S. Government in 1996, currently managed by the University of Hawaii.

GHIN Partners

