UN-SPIDER Knowledge Portal

Development of the UN-SPIDER Knowledge Portal

Tony Young Lyu Associate Expert UN-SPIDER

In collaboration with: **Fachhochschule Potsdam – Department of Interface Design** Stefanie Elsholz, Volker Max Meyer, Mirko Merkel, Dorit Mielke Prof. Matthias Beyrow, Prof. Dr. Frank Heidmann



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UN-SPIDER Knowledge Portal. Main Concepts.

'Data is not information; information is not knowledge; knowledge is not wisdom'

'Communities of Practice'

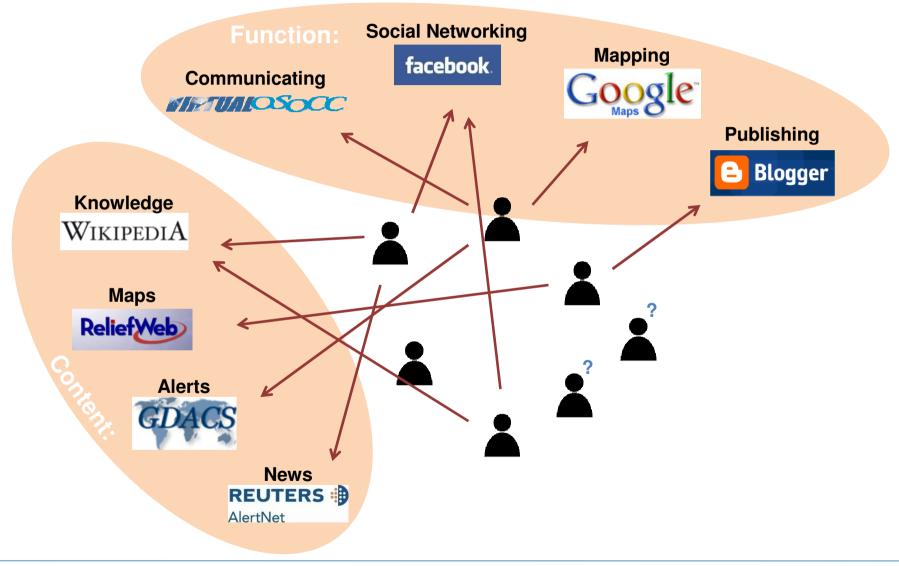
'The Web as Platform'

Knowledge + Community



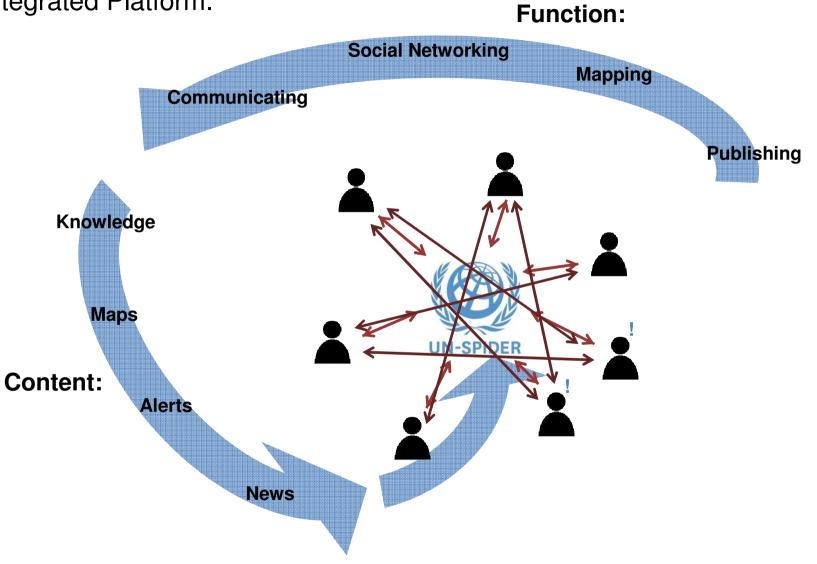
Knowledge + Community.

Multiple Web Platforms.



Knowledge + Community.

Integrated Platform.





UN-SPIDER Knowledge Portal

Prototype Introduction & Walkthrough





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	ha (Cyclone)	East Pacific	29.08.2008	
	Ike (Cyclone)	Atlantic	24.08.2008	
	Josephine (Cyclone)	Atlantic	21.08.2008	
	Gustav (Cyclone)	United States	21.08.2008	E
	Nime (Cyclone)	Atlantic	13.08.2008	Vi



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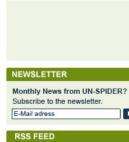
Space Technology - Bridging the Gap

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Enter Space Aid Matrix

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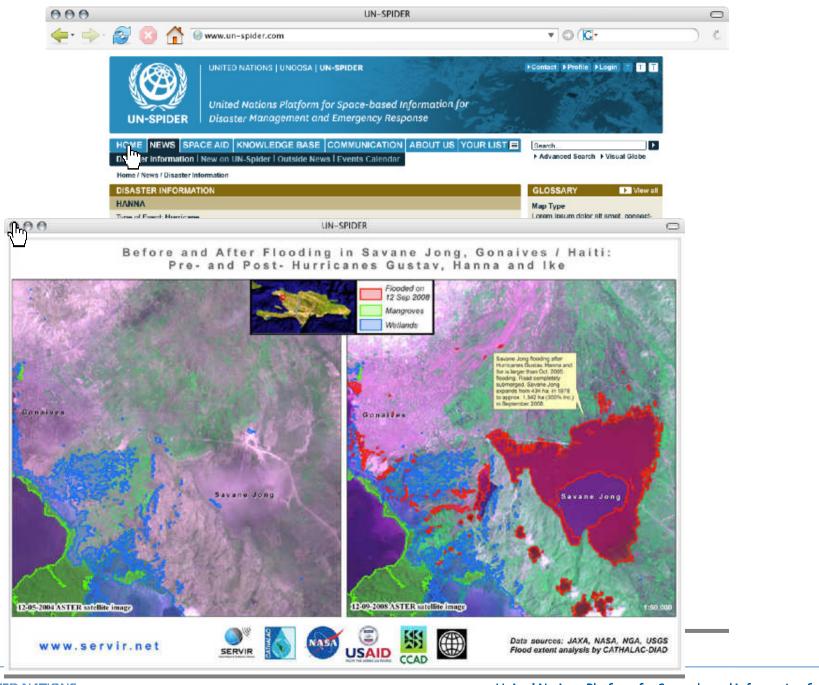
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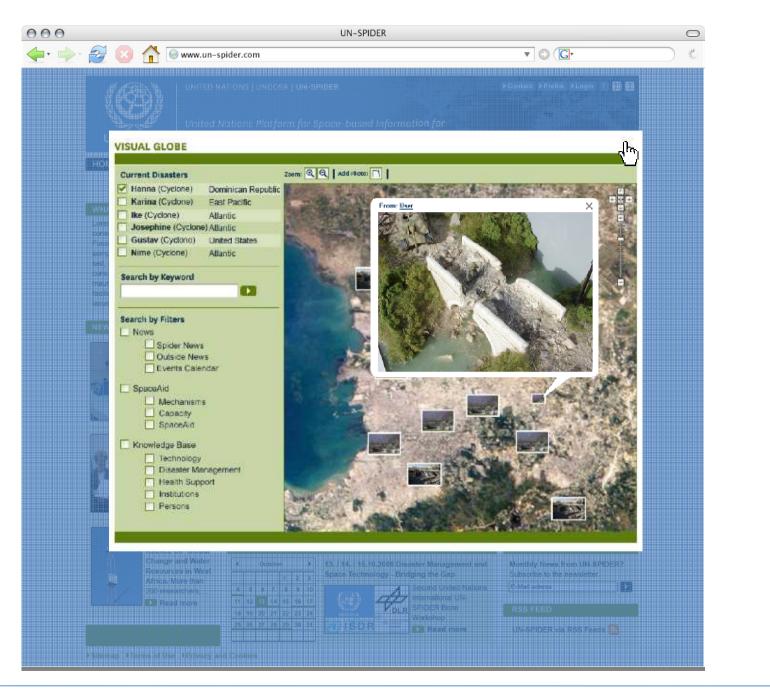
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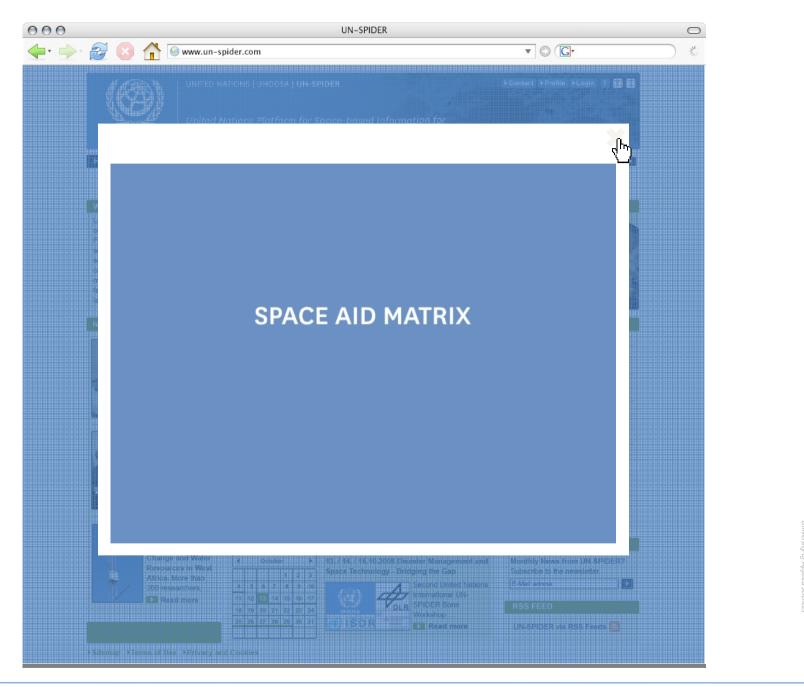


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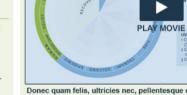
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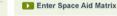
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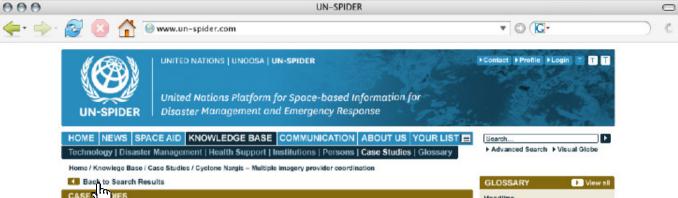
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CASE	Headline
CYCLONE NARGIS - MULTIPLE IMAGERY PROVIDER COORDINATION	+ Lorem ipsum dolo
Author : Van Langenhove, UN-SPIDER	Lorem ipsum dolo etuer adipiscing et Cras ipsum urna, :
Topic: Multiple imagery provider coordination	eget, rutrum sed, j
Date: 12.03.2008	earlien Etiam run

Background

Immediately after Tropical Cyclone Nargis swept over Myanmar, UN-SPIDER responded to the emergency first by activating the International Charter at the request of the United Nations Office for the Coordination of Humanitarian Affairs (UN-OCHA) and then by facilitating the cooperation among satellite-based imagery providers, value-added providers and humanitarian relict organizations. A result of this effort was the collaboration between Germany's Center for Satellite Based Crisis Information (ZKI), ITHACA (Information Technology for Humanitarian Assistance, Cooperation and Action; Italy) and the World Food Programme.

Facilitating Cooperation

Based on data from the radar satellites TerraSAR-X (Germany), COSMO-SkyMed (Italy) and ALOS/PALSAR (Japan), several maps were produced of the affected areas in Myanmar (sample above), supporting the ground-based activities of field teams from the World Food Programme as well as other relief agencies and organisations.



All map products can be accessed on-line: http://www.reliefweb.int

Lessons Learned from Namibian Floods

A severe flood in Namibia and Angola started at the end of January 2006 and reached its peak in March, leading the Namibian government to declare a state of emergency. Throughout this time, response workers on the ground requested and received maps which showed the extent of the floods. Guido Van Langenhove of the Hydrological Services in Namibia received assistance from the international community to produce these maps including from UN-SPIDER. UN-SPIDER worked closely with the Hydrological Services in Namibia guiding them in accessing space-based information including from the International Charter "Space and Major Disasters", an international mechanism for the acquisition and delivery of satellite imagery to end users supporting relief efforts.

Mr. Van Langenhove and UN-SPIDER coordinated with the Country Office of the United Nations Development

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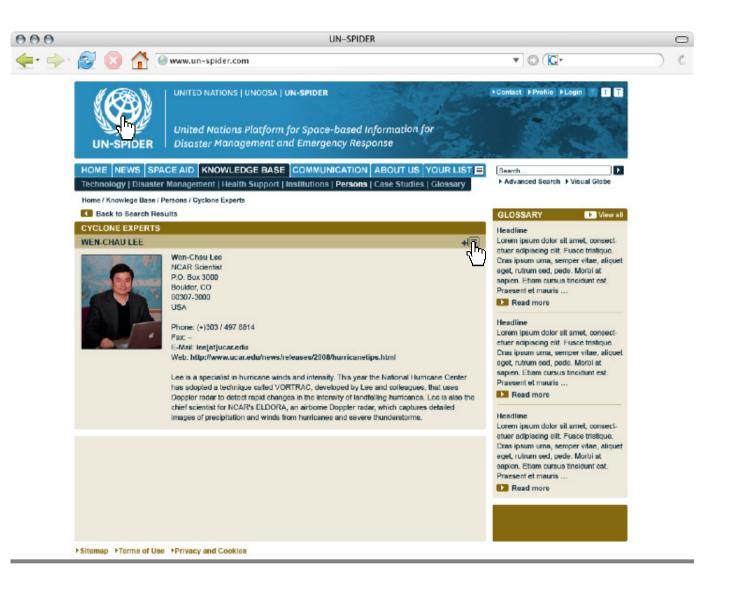




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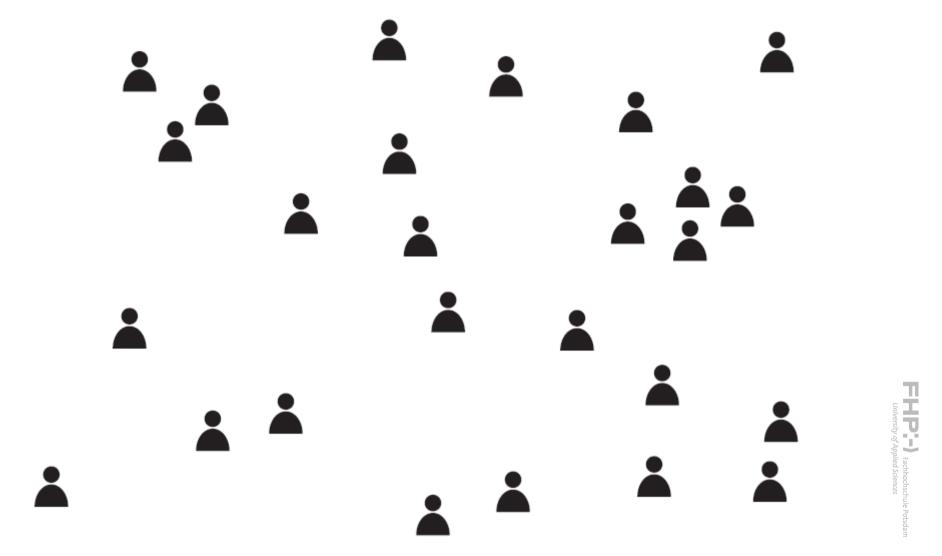
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Communication and Collaboration Features



UN-SPIDER Communication & Collaboration Features.

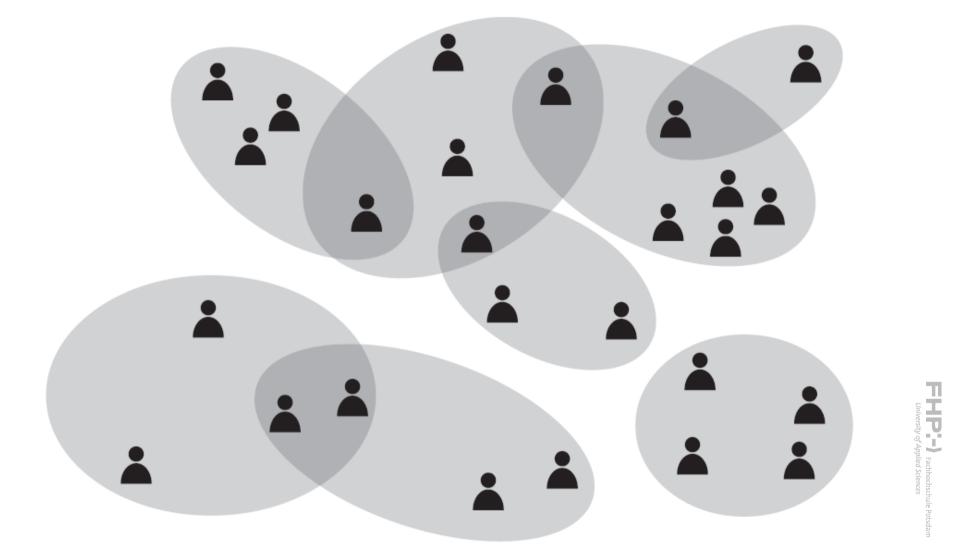
Our Goal: Virtual Communities.





UN-SPIDER Communication & Collaboration Features.

Our Goal: Virtual Communities.



UN-SPIDER Knowledge Portal. Communication & Collaboration Features.



Sample Highlights

> Quick Start

 A simple initial screen containing only the bare minimum required to get started.

> Workspace Management

 Create your own workspace for special interest groups with easy to use posting and download features.

> Accelerate Connection-making

- Find and add colleagues and experts quickly.

> Blogging

 Run your own knowledge blog with regular entries of commentary, descriptions of events, or other material such as graphics or video.

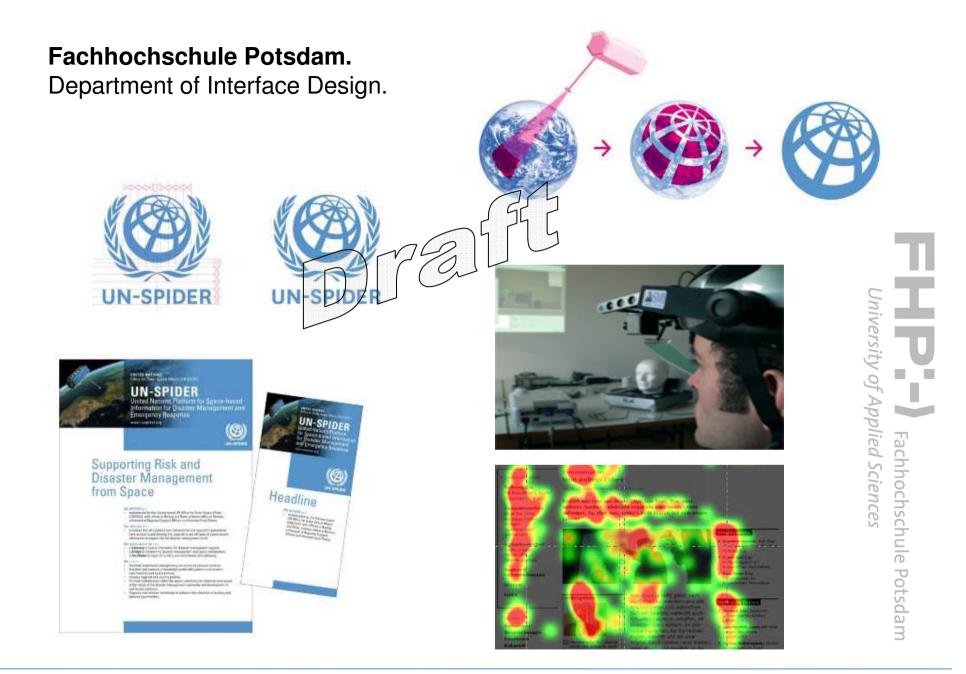


Acknowledgement:

Fachhochschule Potsdam Department of Interface Design

_IDL _INTERACTION DESIGN LAB









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