

SAHANA

Because Disasters aren't Proprietary

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FOSS-Ed on Wheels
Kandy

“No innovation matters more than that which saves lives”

Avelino J. Cruz, Jr., Secretary of National Defense, Philippines, on the use of Sahana that was deployed in the aftermath of the disastrous mudslides in the Philippines, 2006

PROBLEM

- The Trauma caused by waiting to be found or find the next of kin
- Coordinating all aid groups and helping them to operate effectively as one
- Managing the multitude of requests from the affected region and matching them effectively to the pledges of assistance
- Tracking the location of all temporary shelters, camps etc

SAHANA

- Disaster Management System
- System to manage disaster aftermath
- Web based portal
 - with sub applications
 - built to address coordination and collaboration problems
 - between civil society, government, private sector, volunteers and victims

Core Modules

Organization Registry

Helps maintain data (contact, services, region, etc) of organizations, groups and volunteers working in the disaster

The screenshot shows the 'Organization Registration' form in the SAHANA Disaster Management System. The form is titled 'Organization Registration' and includes a note: 'Fields marked with * are required (entry is compulsory)'. The form is divided into two main sections: 'Organization Information' and 'Base Location Information'. The 'Organization Information' section includes fields for '* Organization Name', '* Organization Type' (with a dropdown menu set to 'Government'), and '* Services Provided' (with a list box containing 'Agriculture', 'Area Development', 'Communications', and 'Disaster Preparation'). The 'Base Location Information' section includes fields for '* Country of Origin' (with a dropdown menu set to 'Sri Lanka'), 'Registration Number', '* Province' (with a dropdown menu set to 'Western'), and '* District' (with a dropdown menu set to 'Colombo'). The left sidebar contains a menu with options like 'Home', 'Register', 'Organization', 'Volunteer', 'View', 'Organizations', 'Volunteers', 'Reports', 'Drill down by Location', 'Organizations by Sector', 'Search', and 'SAHANA MAIN'. The 'SAHANA MAIN' section includes links to 'Sahana Home', 'Camps Registry', 'Missing Person Registry', 'Organization Registry', 'Request Management System', and 'System Administration'.

Missing Persons / Disaster Victim Registry

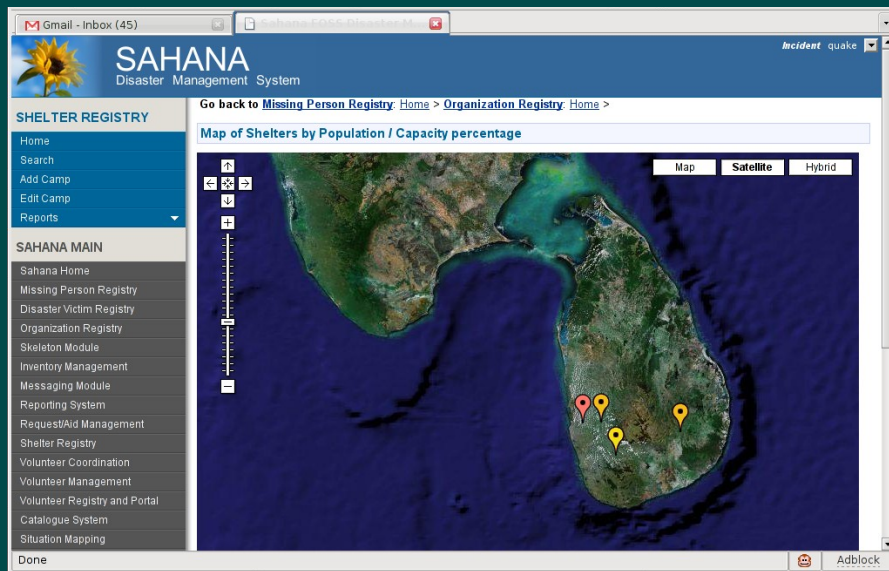
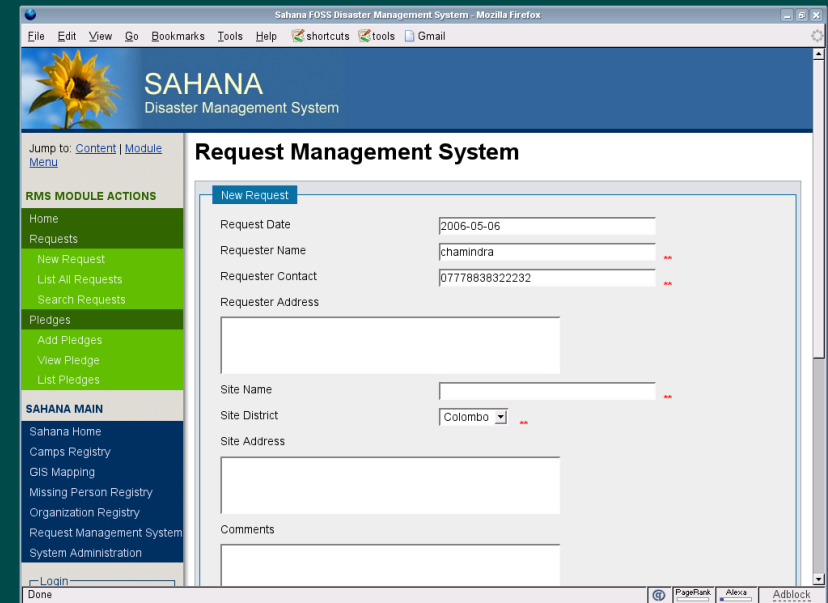
Helps track and find missing, deceased, injured and displaced people and families

The screenshot shows the 'Missing Person Registry' table in the SAHANA Disaster Management System. The table displays a list of missing persons with columns for 'Picture', 'Name', 'Appearance', 'Missing Details', and 'Status'. The table contains two rows of data. The first row is for 'Master Yoda' and the second row is for 'Yoda Cartman'. Both rows are marked as 'Missing' and have a 'Tracked by' field set to 'Darth Vader'. The table also includes a 'Basic Search' section with fields for 'Any Card Number' and 'Any Name', and a 'Total 10 Records were found' section with links to 'Next 5 Records >>' and 'Last 5 Records >>'. The left sidebar contains a menu with options like 'Home', 'Search for a Person', 'Report a Missing Person', 'Edit a Missing Person', 'Report a Found Person', 'SAHANA MAIN', 'Sahana Home', 'Camps Registry', 'GIS Mapping', 'Missing Person Registry', 'Organization Registry', 'Request Management System', 'System Administration', 'Login', 'User Name', 'Password', and 'Login'.

Picture	Name	Appearance	Missing Details	Status
	Master Yoda Yoda	Height : 66 Meters Weight : unknown Eye Colour : Light Brown Skin Colour : Other Hair Colour : Other	Last Seen : swamp planet of Dagobah	Missing (Click to change to found)
	Yoda Cartman Yo Cartman	Weight : infinity Eye Colour : Black Skin Colour : White Hair Colour : Unknown	Last Seen : south park Comments : Really fat	Missing (Click to change to found)

Core Modules ...

Request Management System
Tracks all requests and helps match pledges for support, aid and supplies to fulfillment



Shelter Registry
Tracks data on all temporary shelters setup following the Disaster

technology

- FOSS
- LAMP
- Synchronization
- Web Services
- Messaging
 - XAMPP, CAPS
- PDA/Mobile Accessibility
- LiveCD, LiveUSB
 - Sahana Live
 - Sahana on a Stick

Localization

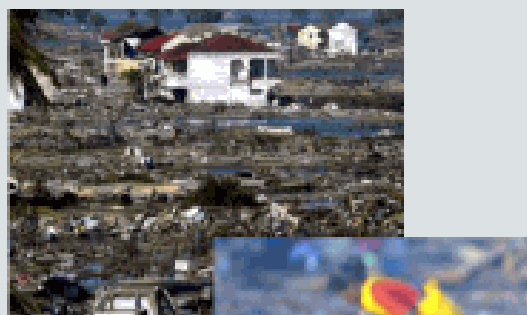
Sahana 巴基斯坦亚洲地震

跃迁对: [内容](#) | [模块菜单](#)

Sahana 扼要

- [Sahana 家庭](#)
- [阵营登记](#)
- [失踪者登记](#)
- [组织登记](#)
- [请求管理系统](#)
- [系统管理](#)

欢迎到 Sahana



**SAHANA**
Disaster Management System

[Saut à Contenu](#) | [Menu De Module](#)

FORCE DE SAHANA

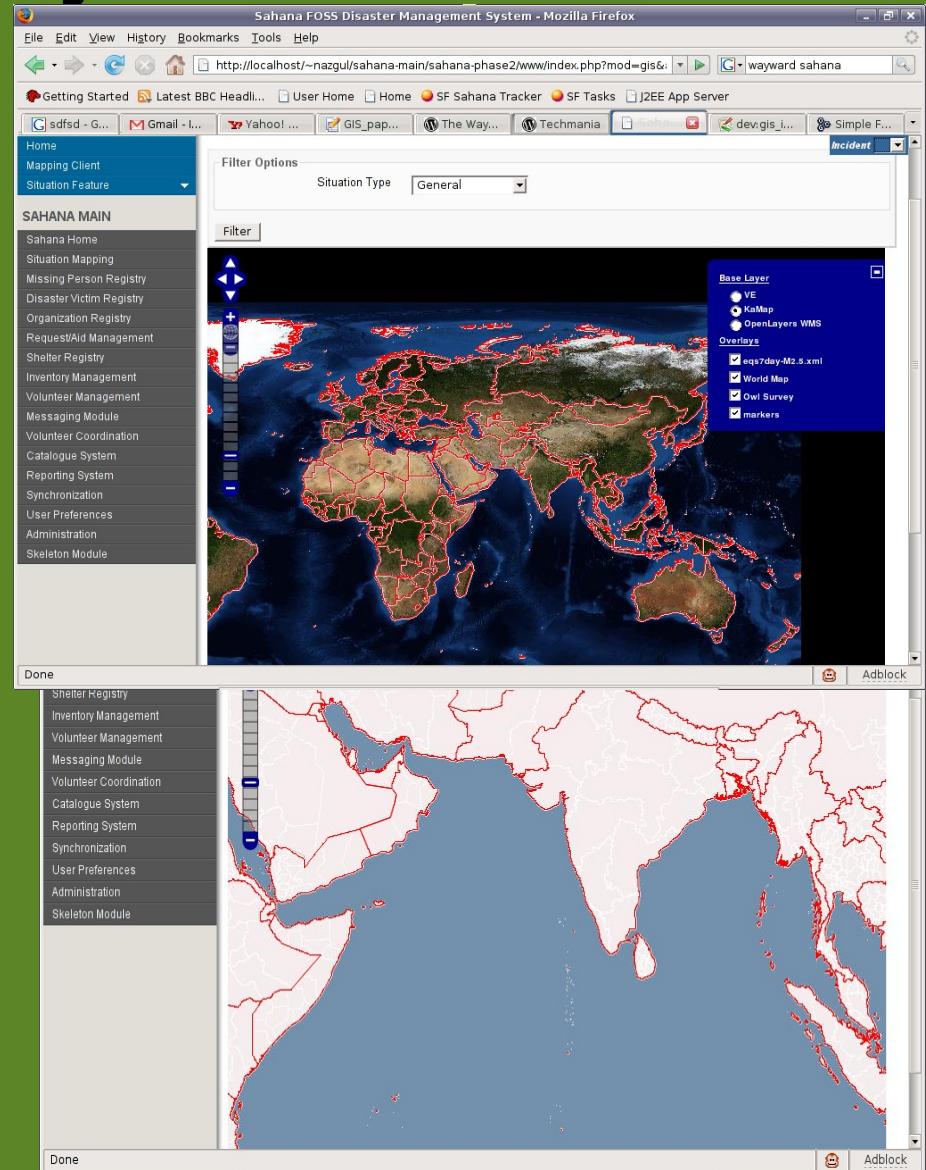
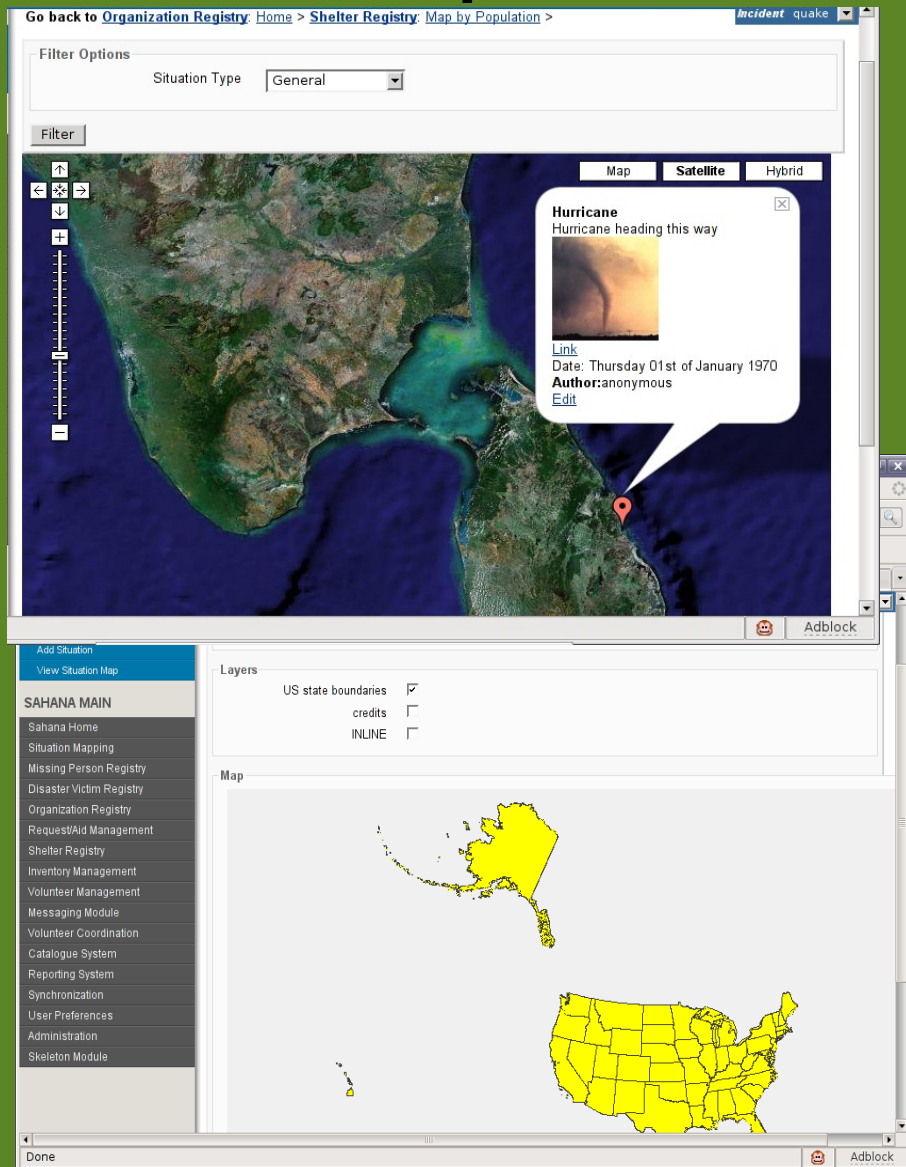
- Sahana À la maison
- Enregistrement De Camps
- Enregistrement De Personne Absente
- Enregistrement D'Organisation
- Système De Gestion De Demande
- Administration De Système

Bienvenue à Sahana

Sahana est un système de gestion ouvert de désastre de source qui traite les problèmes principaux suivants pendant un désastre:

- Efficacement signalant et conclusion des personnes absentes. (employez l'enregistrement de personne absente)
- La coordination et l'équilibrage de la distribution des organismes de soulagement dans les secteurs affectés et relier le soulagement groupe leur permettre de fonctionner en tant qu'un (employez l'enregistrement d'organisation)
- La enregistrement et le cheminement de toutes les demandes entrantes d'appui et de soulagement jusqu'au fulfillment et aider des donateurs se relient aux conditions de soulagement (employez le système de gestion de demande)
- En déplaçant l'endroit et les nombres de victimes dans les divers camps et les abris provisoires installez tous autour du secteur affecté.

Spatial Analysis and GIS



04-Mar-2007

Mifan Careem: FOSS-Ed on Wheels, Kandy

Deployments

- CNO, for Tsunami in Sri Lanka – 2005
 - Officially deployed and tracked ~ 26000 families
- NADRA, for Asian Quake in Pakistan – 2005
 - Officially deployed and integrated to NADRA (Pakistan Government) to track all victims
- For Landslide disaster in Philippines– 2005
 - Officially deployment to track all victims,orgs,camps by Government

Deployments...

- Pre-deployment in Sarvodaya, Sri Lanka
 - Customization for Sahana requirements
- Pre-deployed independently in Australia
- Yogyakarta Earthquake, Indonesia – 2006
 - Deployed by ACS, Indonesian Reliefsources
- Pre-deployment for Red Cross, Sri Lanka
- Pre-deployment in Indonesia - 2007

Recognition

- 2006 FSF Award for Social Benefit
- User Award from Redhat Summit
- ICTA Awards to contributors
- Software 2006 CA, USA, Good Samaritan Award
- Free Software Foundation (FSF) award for Social Benefit inspired by Sahana
- Sourceforge Project of the Month, June, 2006
- Used for many Research Projects, University Courses in many Universities Globally.

Contribute

- Development
- Domain Expertise
- Quality Assurance
- Donations
- Trained Users
- Advocacy
- Deployments
- Moral Support
- **HUGE COMMUNITY**

Community

- Mailing Lists
 - Humanitarian-ICT
 - Sahana-Maindev
 - Sahana-User
- IRC
 - #sahana on Freenode
- HUGS
 - humanitarian user groups

- <http://sahana.lk/>
- <http://wiki.sahana.lk/>
- <http://demo.sahana.lk/>
- <http://demo.sahana.lk/cvs>
- <http://download.sahana.lk/>
- <http://cvs.sahana.lk/>
- [http://sourceforge.net/
projects/sahana/](http://sourceforge.net/projects/sahana/)
- <http://google.com/>