



# **Sahana Eden : Introduction & Simulation A**

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## Applications

- Organisation Registry
- Inventory/Warehouse Management
- Incident Reporting
- Request Management
- Assessments
- Project Tracking



## **Additional Applications**

- Volunteer Management
- Missing Persons
- Disaster Victims
- Hospital Management
- Budgeting Module
- Delphi Decision Support



## Application Review

- What decisions does it support?
- Who would use it?
- Where would they use it?
- When would they use it?



## Core Features

- Rapid Application Development
- Mapping
- Messaging (SMS, Email, Twitter)
- Web Services
- Data Standards Support (XML, JSON, PFIF, EDXL-HAVE...)



## History

- 2005** - Developed in Sri Lanka (Tsunami)
  - Pakistan (Earthquake)
- 2006** - Phase II (Agasti)
- 2007** - New York City (Preparedness)
  - Philippines (Typhoons/Landslides)
- 2008** - Sahana Eden Founded
  - Sichuan (Earthquake)
- 2010** - Haiti (Earthquake)
  - Pakistan (Earthquake)
  - Disaster Risk Reduction Project Portal

Just like Wikipedia, the power of crowd-sourcing for creating Accurate, up-to-date content is incredible.

The fact that anyone can edit would seem to suggest that the data will be unreliable, but actually the opposite turns out to be true – there are more honest people than vandals.

Not having a hard system of classification allows it to adapt rapidly which is especially useful for Local contexts.

This doesn't mean that there is anarchy – using agreed tags means that the various rendering engines will display them properly.



## Sahana Eden's Community

- Sahana Software Foundation
- IBM
- Google
- AidIQ
- Asian Disaster Preparedness Center (ADPC)
- Sahana Taiwan
- Trinity College
- North Carolina State University (NCSU)
- Rensselaer Polytechnic Institute (RPI)
- University of Wisconsin
- CrisisCommons