Code for Resilience

Bridging communities for disaster resilience

2014 Events | Bangladesh | Haiti | **India** | Indonesia | Japan
Pakistan | Philippines | Vietnam

India

73 teams

21000+ hacking hours

3 DRM challenges (19 total)

2 simultaneous events in Bangalore, India and California, USA

300+ technologists

Hosting Partner Code for India

Code for India Global Hackathon

Code for India Global Hackathon

The 2014 Code for India Global hackathon gathered over 300 technologists simultaneously in Bangalore, India, and Mountain View, California, USA to tackle disaster risk management and other development challenges for 48 hours. Problem statements included ways of identifying locations of pilgrims when sudden major mudslides occur in the heavily traveled mountainous areas of India. SOS, profiled at right, is one tool addressing that challenge.

A Way Forward—CfR Fellowship Program

Building on the momentum established in 2014 through 10 hackathon events in 8 countries that engaged over 1,000 participants, this year Code for Resilience will introduce fellowship opportunities to further promote the use of open data and build a sustained community of open source software developers for collecting, analyzing, sharing, and improving risk data for better decision-making.

Tool in Focus

> **SOS** is an RFID/GPS-based beaconing system that enables disaster response officials to determine the density of tourist groups traveling along popular religious mountainous routes. When visitors arrive at the pilgrimage entry sites they register their mobile number and unique ID, and are assigned an RFID tag that are monitored by beacons throughout tourism routes. This solution is still under development as some challenges have emerged, such as the high cost of providing RFID tags to every pilgrim, and the logistics of locating those with RFID tags in hard-to-access areas.

(i) **Browse the full catalogue of tools at**
http://www.codeforresilience.org

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Hosting Partner

The Code for India Global Hackathon was led by **Code for India**, one of the fastest growing tech communities in the world, aiming to build scalable technology solutions for non-profits and social causes that will enable them to have a greater impact on society.

The 2014 hackathon emerged from the recognition that the rapid increase of penetration, awareness, and literacy in information and communication technologies (ICTs) in the developing world can help address development challenges such as disaster risk management.

India

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