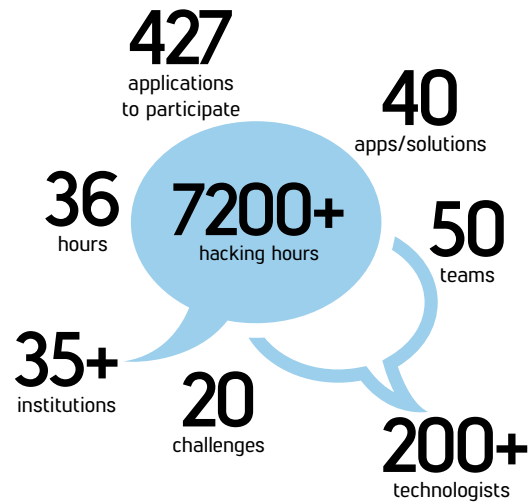


Code for Resilience

Bridging communities for disaster resilience

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



Bangladesh

Hosting Partner **World Bank Water and Sanitation Program (WSP)**

AppFest 2014 Bangladesh

Bangladesh is highly vulnerable to natural hazards, including floods, cyclones, and earthquakes. Between 1980 and 2008, the country experienced 219 natural disasters causing damages in excess of US\$16 billion. Preparedness has dramatically improved over the years resulting in a reduction of casualties from these events. However, much remains to be done.

AppFest 2014 Bangladesh

The April AppFest 2014 Bangladesh gathered over 200 technologists for 36 hours of coding to tackle disaster risk management and other development challenges. Problem statements included securing water supplies during the dry season, mapping disaster relief shelters, and communicating severe weather alerts. DNA, profiled at right, is one of the apps produced during the hackathon.

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

> **DNA (Disaster Need Assessment)**
Designed with World Food Programme (WFP) field workers in mind, this app collects quality post-disaster data quickly and in real-time to mitigate delays in emergency response.

DNA tracks the collection of data using GPS to then auto generate reports that assist in the response effort.

📄 **Browse the full catalogue of tools at**
<http://www.codeforresilience.org>



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AppFest 2014 Bangladesh was led by the **World Bank Water and Sanitation Program (WSP)**, a multi-donor partnership created in 1978, and administered by the World Bank. The program provides technical assistance, facilitates knowledge exchange, and promotes evidence-based advancements in sector dialogue.

The competition 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.

Bangladesh



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