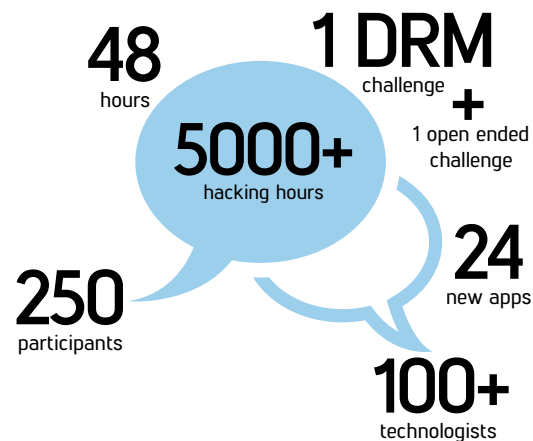


Code for Resilience

Bridging communities for disaster resilience

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



Indonesia

Hosting Partner **Jakarta Disaster Management Agency**

Jakarta Smart Disaster Management Software Competition

Country at a Glance

With a population of more than 8.5 million, Jakarta is a megacity regularly inundated by flooding. To assess impacts post-flood, Damage and Loss Assessments (DaLA) are carried out, which, ideally, are automated. In Jakarta, however, data collection is done manually. Therefore, one of the focuses of the coding event in Jakarta was adapting existing open source tools to effectively collect, analyze, and assess the impact from floods using geospatial data.

Jakarta Smart Disaster Management Software Competition

Branded locally as the Jakarta Smart Disaster Management Software Competition, this two-day coding event in June 2014 engaged over 100 technologists to work on innovative tools to build resilience against natural disasters. Jakarta InaSAFE, profiled to the right, is one of the 24 apps hacked during the code sprint.

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 **JakSAFE**

> **Jakarta InaSAFE:** The idea behind this tool is to combine functionalities from InaSAFE* with different systems used by Jakarta's Disaster Management Agency (BPBD) to automate damage and loss assessment reports for Jakarta. Further technical development of Jakarta InaSAFE continues.

* InaSAFE is a free and open source software program that produces realistic natural hazard impact scenarios for better planning, preparedness, and response activities. <http://inasafe.org/>

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

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The Jakarta Smart Disaster Management Software Competition was led by the **Jakarta Disaster Management Agency (BPBD)**.

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.

Indonesia



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