Ushahidi POSSE Kit

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https://github.com/cmacdonell/UshahidiVM

Ushahidi

Open source software for mapping information

ELECTION MONITORING

CRISIS RESPONSE

ADVOCATING HUMAN RIGHTS

https://www.ushahidi.com/

https://www.ushahidi.com/about

Ushahidi
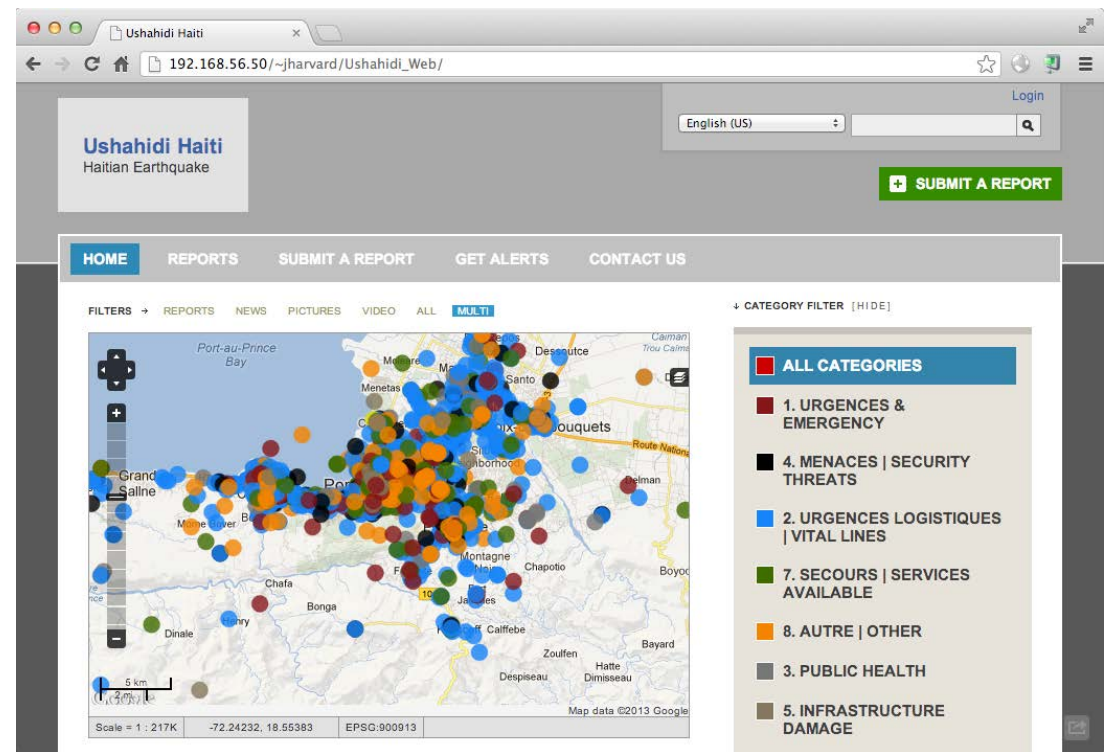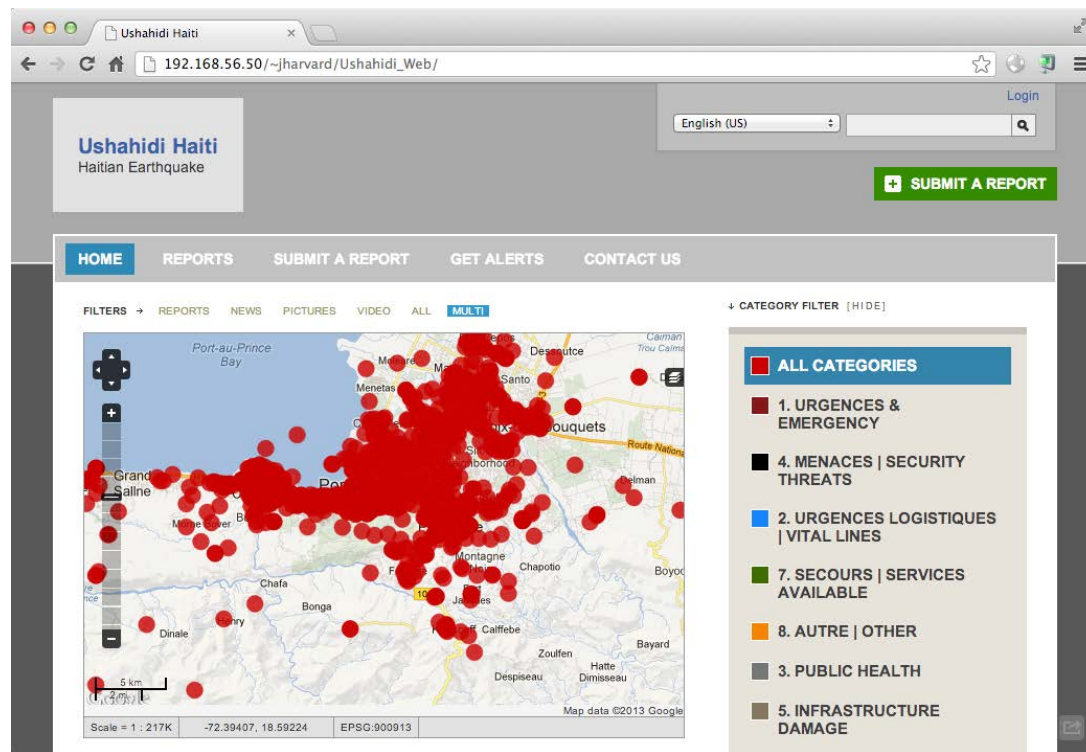
- Crowdmapping/Crisis-mapping application

- Started in 2008 in Kenya to provide the public with real-time information about national elections

- Now has thousands of deployments worldwide

2012: Students project from MacEwan Univ.

2018: Deforestation in Malaysia

https://www.ushahidi.com/blog/2018/12/10/penang-hills-watch-raising-awareness-about-hill-clearing-activities-in-malaysia
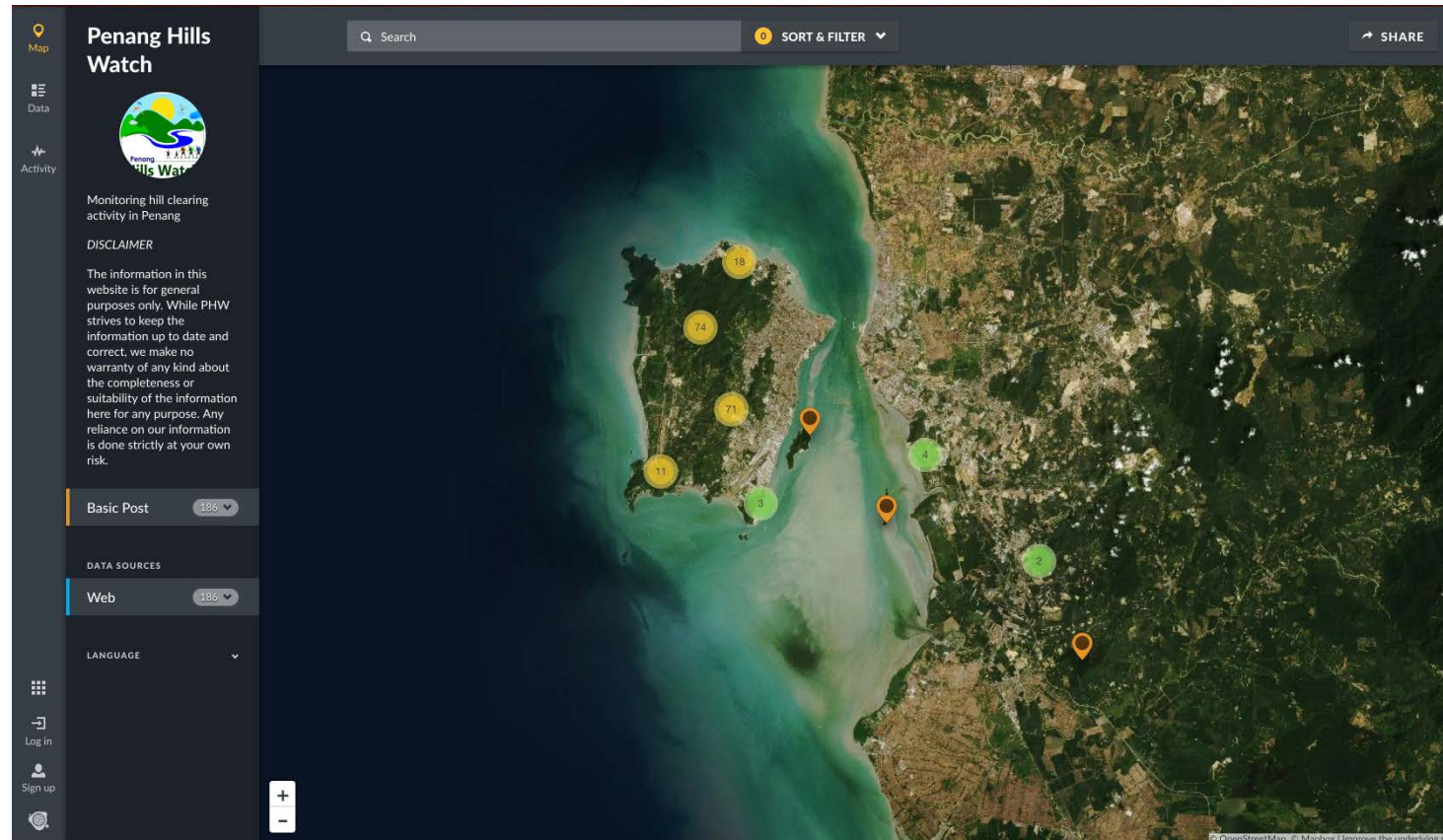
Ushahidi and POSSE

- Since 2013 Ushahidi has been part of POSSE
  - Twice we've had visitors from Ushahidi at POSSE events

- Through a POSSE alum, Ushahidi directly supported a hackathon in Puerto Rico this past year

- Towson University, Western New England University and others have used Ushahidi in classes and projects

Ushahidi

- Ushahidi is a web application that involves modern web and mobile technology
- PHP backend built on the Laravel PHP framework
  - https://laravel.com/
- Frontend using modern Javascript libraries and frameworks
- Hosted on Github
  - https://www.github.com/ushahidi/
- Open community communication using Gitter (from Github)
  - https://gitter.im/ushahidi/Community

Ushahidi

- Ushahidi offers numerous non-development learning opportunities

- Documentation has inaccuracies that can be clarified/expanded

- Community is active, open and approachable

- Application Programming Interface (API) can be explored outside of the application itself

POSSE Kit for Ushahidi

- A VirtualBox VM that can be run on a laptop
  - https://virtualbox.org

- Ubuntu Linux

- Contains both the front and backend development versions

- Code can be updated to the bleeding edge, if desired

- Step-by-step documentation
  - https://github.com/cmacdonell/UshahidiVM
  - Updates and improvements via pull requests are welcome!