

# Notification and Reporting of Natural Hazards with Mobile Apps and Crowd-sourcing



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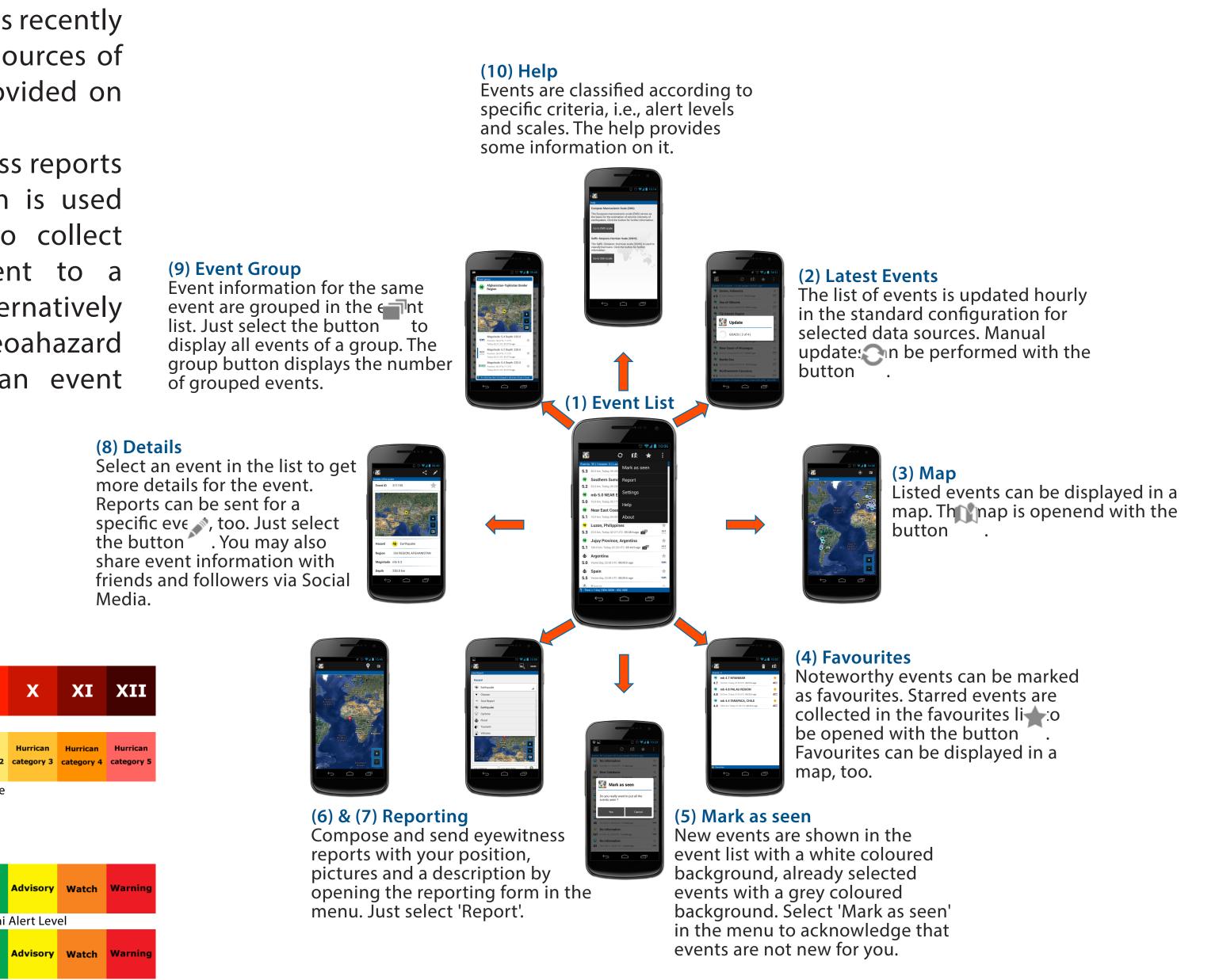


## Characteristics

The Android App Geohazard provides information on natural hazards recently occurred or expected. Latest information is harvested from data sources of various organisations around the world. So far, information is provided on earthquake, tsunami, flood, cyclone and volcano events.

Additionally, Geohazard can be used to immediately send eyewitness reports to an instance of the crowd-mapping platform Ushahidi, which is used repeatedly since the devastating 2010 earthquake in Haiti to collect eyewitness reports in natural disasters. Reports can be sent to a pre-configured Ushahidi instance for demonstration purposes or alternatively to your own Ushahidi instance. Reports created and sent with the Geoahazard App contain geographical information, damage estimations, an event description and pictures

### **User Interface**



# **Natural Hazards**



Earthquake



Cyclone

Flood







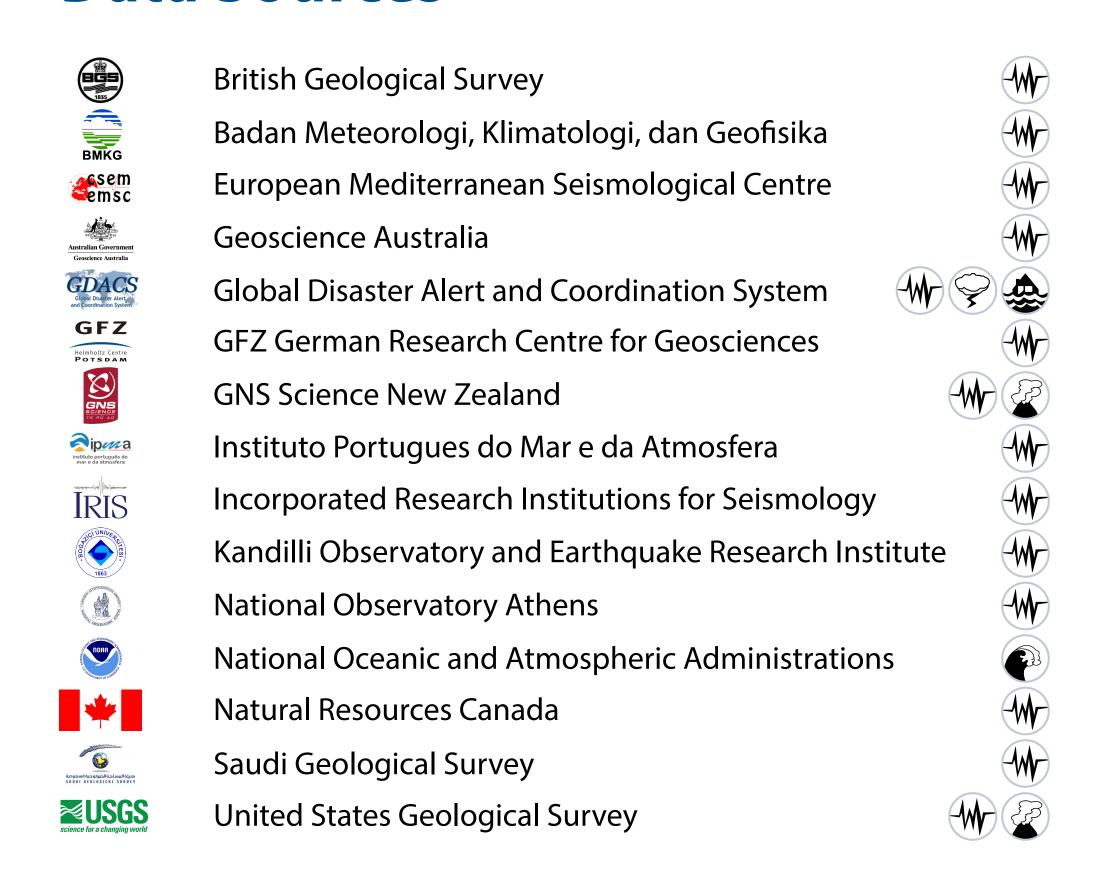
II III IV

European Macroseiemic Scale (EMS-98)

VI VII VIII IX

Siffir-Simpson hurricane wind scale

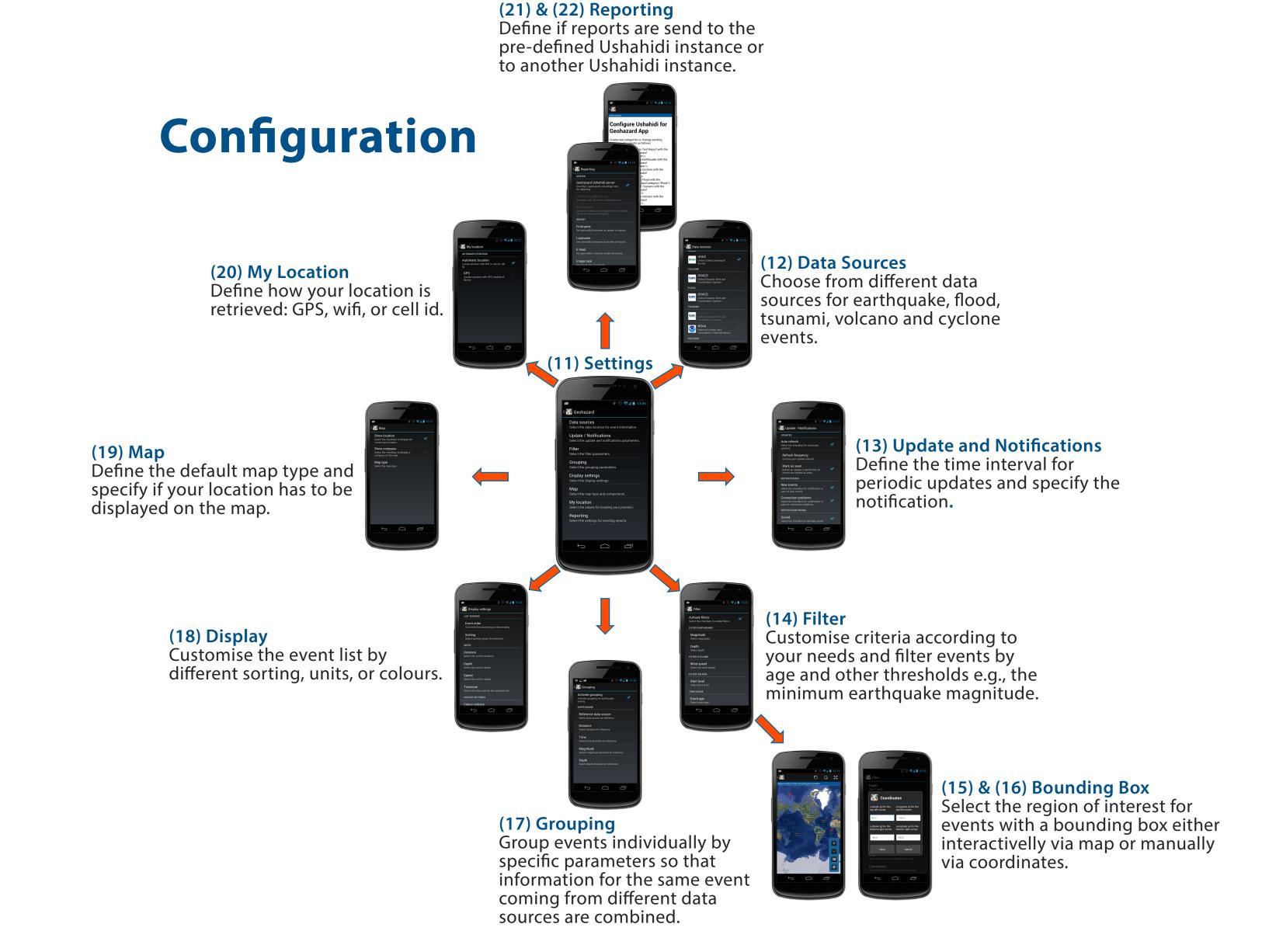
# **Data Sources**





**Contact**For any questions or suggestions please send us an email: geohazard@gfz-potsdam.de

Google Play
The Android App Geohazard is available in the Google Play Store and can be installed for free. If you are interesred use the QR code to start the download.



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