# Disasters Management System Using GNSS

More information less loss..

Author: Ashok Dahal\*, Pratichhya Sharma\* \*Institute of Engineering, Pashchimanchal Campus

Presented by: Ashok Dahal

### Disasters

The **disaster** is a major adverse event which are unusual to all living beings.

### Types: Man Made Natural



### The problem

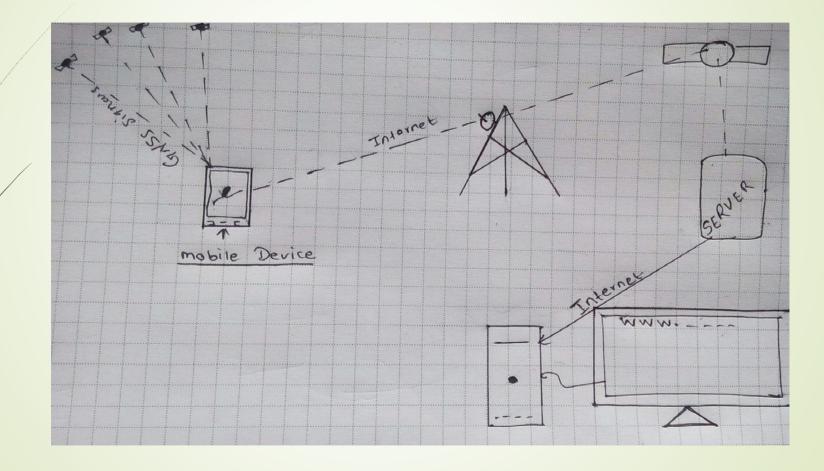
US\$3.6 trillion in economic losses, with insurers paying out more than US\$960 billion over 1980-2016.

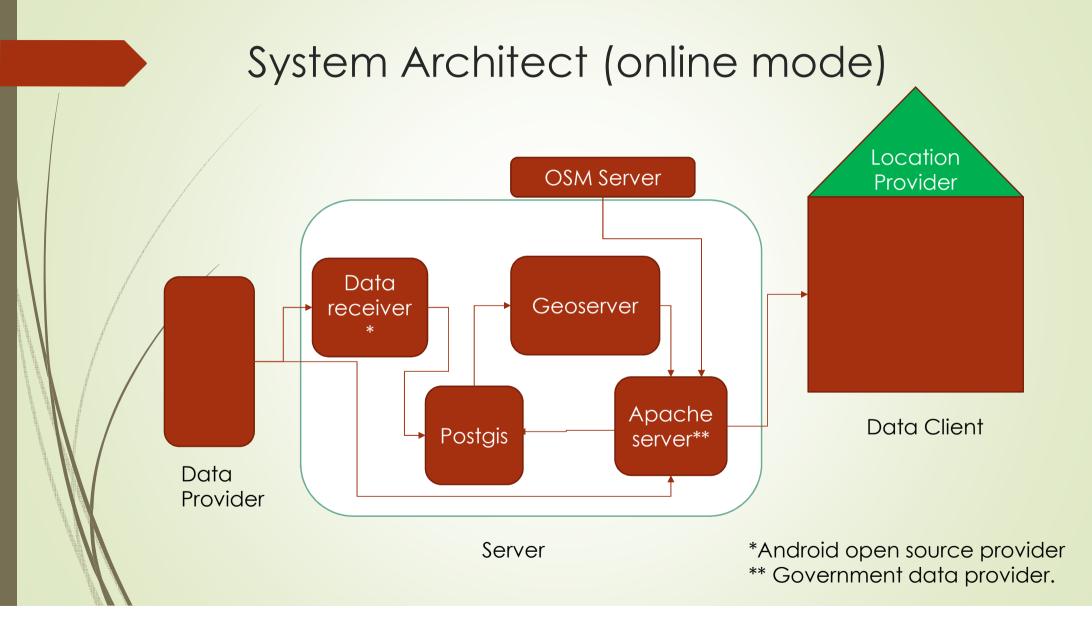
99,700 deaths per year.

### PRAKOP

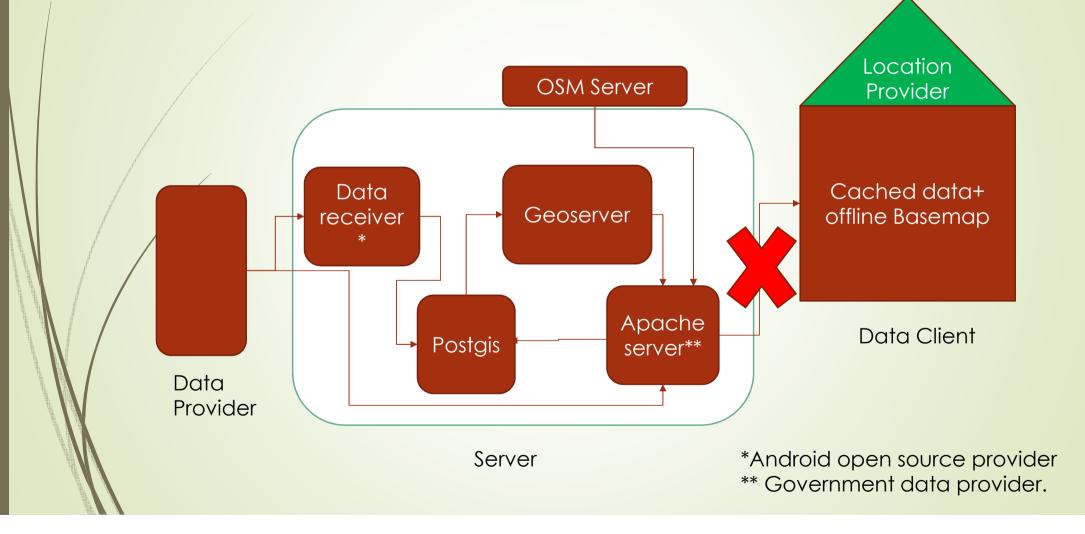
Prakop is an open source, collaborative, location aware, web + Android based platform which will provide the information about the disasters to users based on their location.

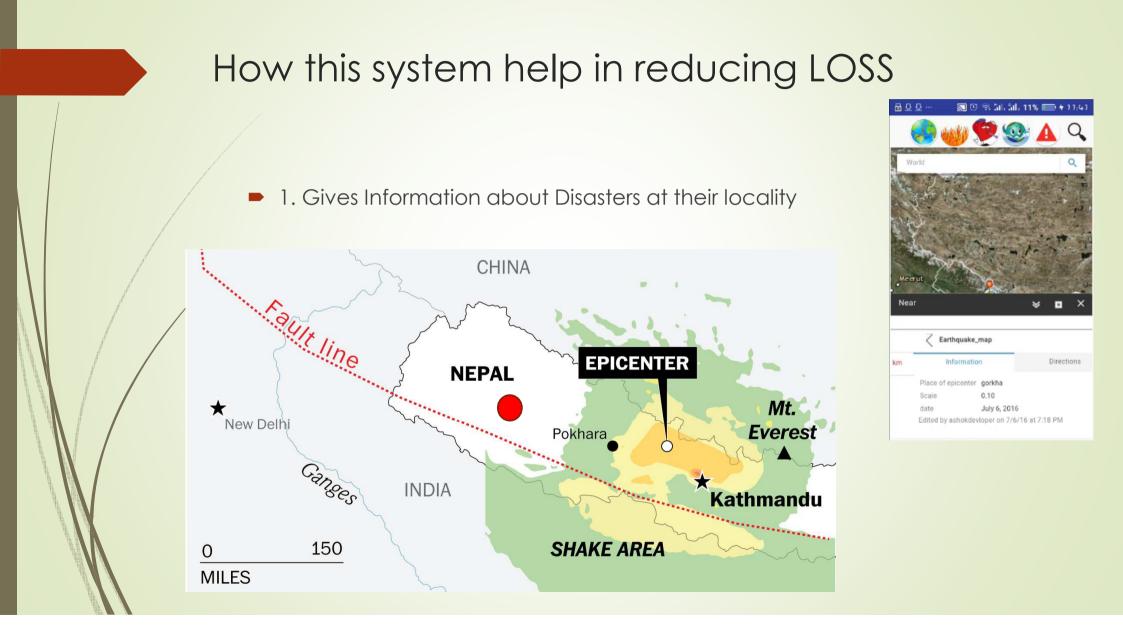
# Dumbo Design





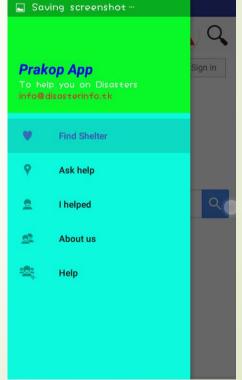
### System Architect (offline mode)





### How this system help in reducing LOSS

 2.Increase public participation on information about Disasters and support for open and collaborative Government.



### How this system help in reducing LOSS

Help to find places more efficiently and Routes to that Places



### How this system help in reducing LOSS

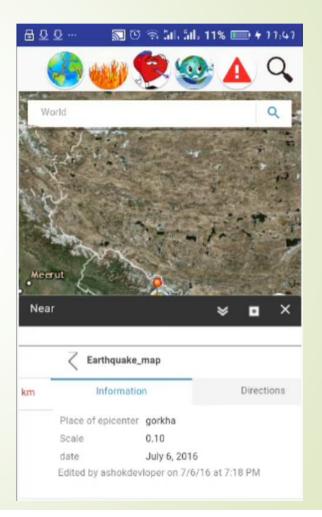
#### ✓ Help on easy Visualization of incidents.

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## **USE OF GNSS**

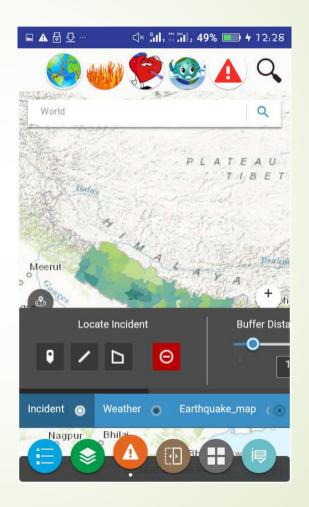
- Find Information about Incident in their locality
- Upload information based on peoples location



### **USE OF GNSS**

#### Other nearby information:

- Weather forecasts
- Rescue camps
- Food, medic etc.



### Implementation Strategy

- Self running system
  - AdSense
  - Possible Partners
    - UN
    - USAID
    - Different Governments
    - Red Cross
    - Other INGOS/NGOS
  - Providing our Database to Other INGOS

## Upgrade..

- Report from SMS.
- Report from social media like Facebook, Twitter.
- Add 3D and street views.
- Give membership to public also.
- BugFix.

# Conclusion

### References

- Ministry of Finance
- Android Developer Guide ESRI
- WWW.GPS.GOV
- www.Wikipedia.org

# Thank You