ICT innovation and Resilience building

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Context:
Nepal and its challenges

- Climate change and food security
- Natural disaster preparedness
  - Seismic vulnerability

- Political fluidity
  - Unitary to federal
  - Inclusion, participation and empowerment
- Poverty reduction challenges, MDGs

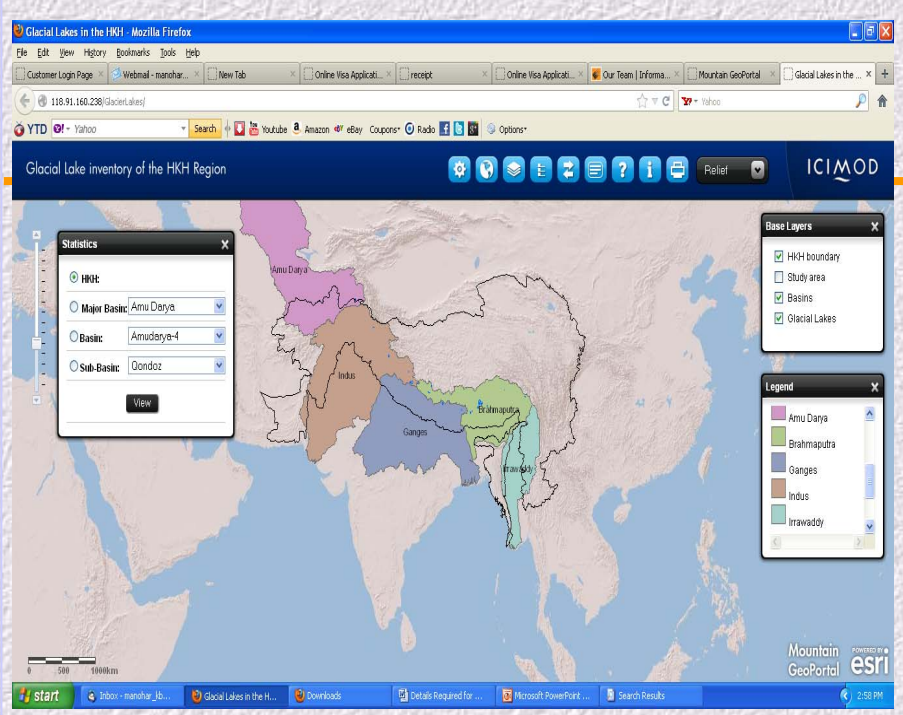
- Gaps in delivery of public services/Governance deficit
  Education, health, agriculture extension

Positioning ICTs within development challenges

Few initiatives currently underway……..

SERVIR HIMALAYA

NASA USAID

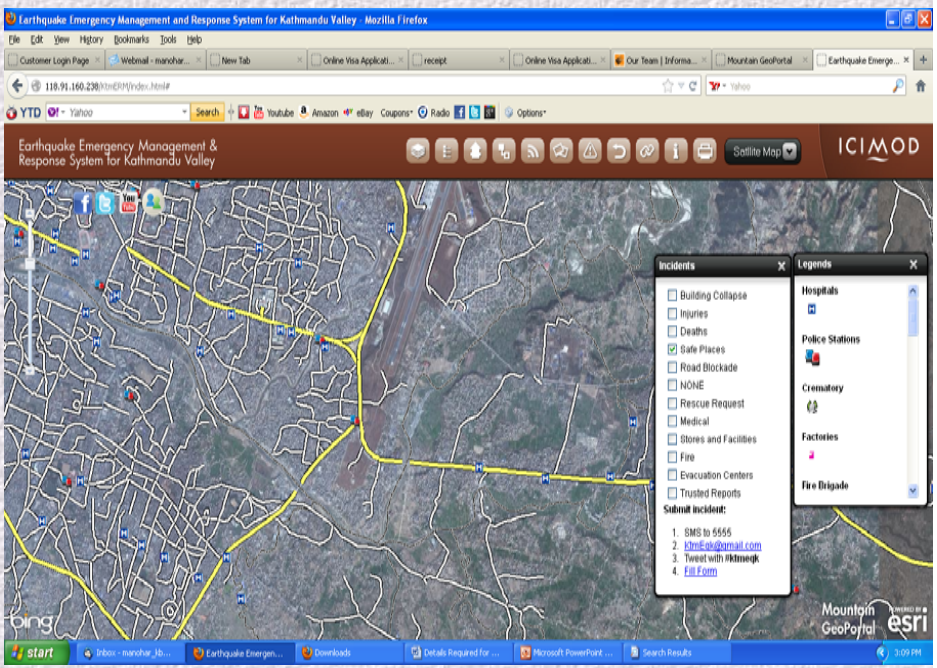


Glacial lake inventory of HKH region

Earthquake emergency management and response system for Kathmandu valley

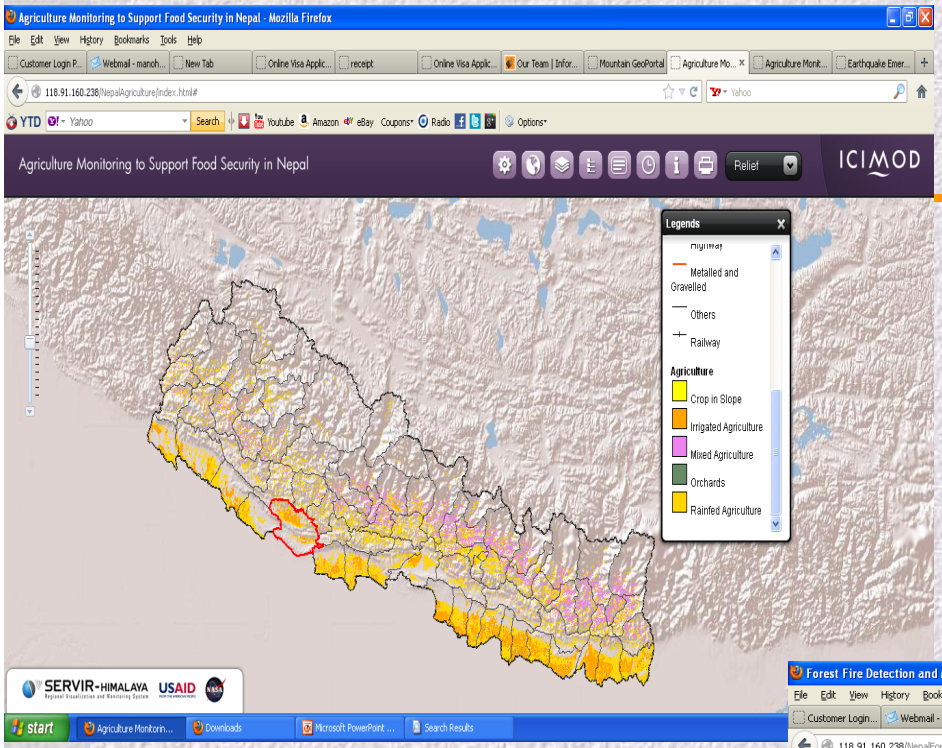
IT enablement of emergency response center….

SAHANA and Ushahidi…..



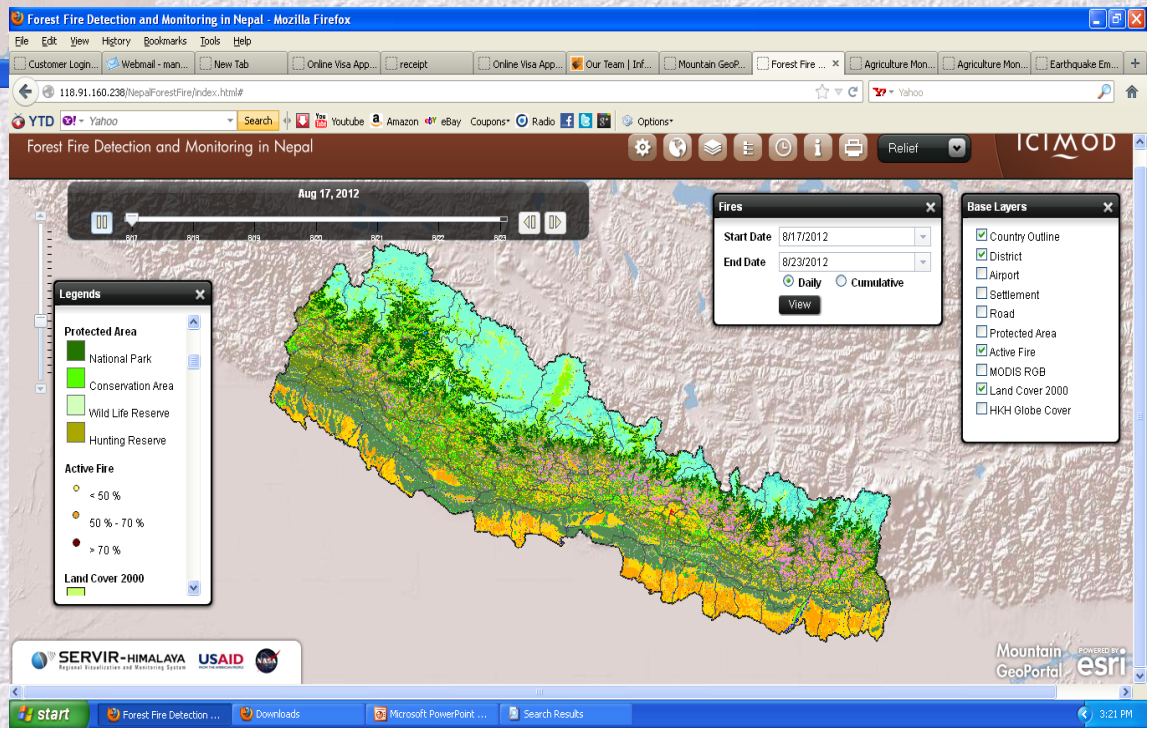
Agriculture monitoring for food security

Also some telemedicine related initiatives



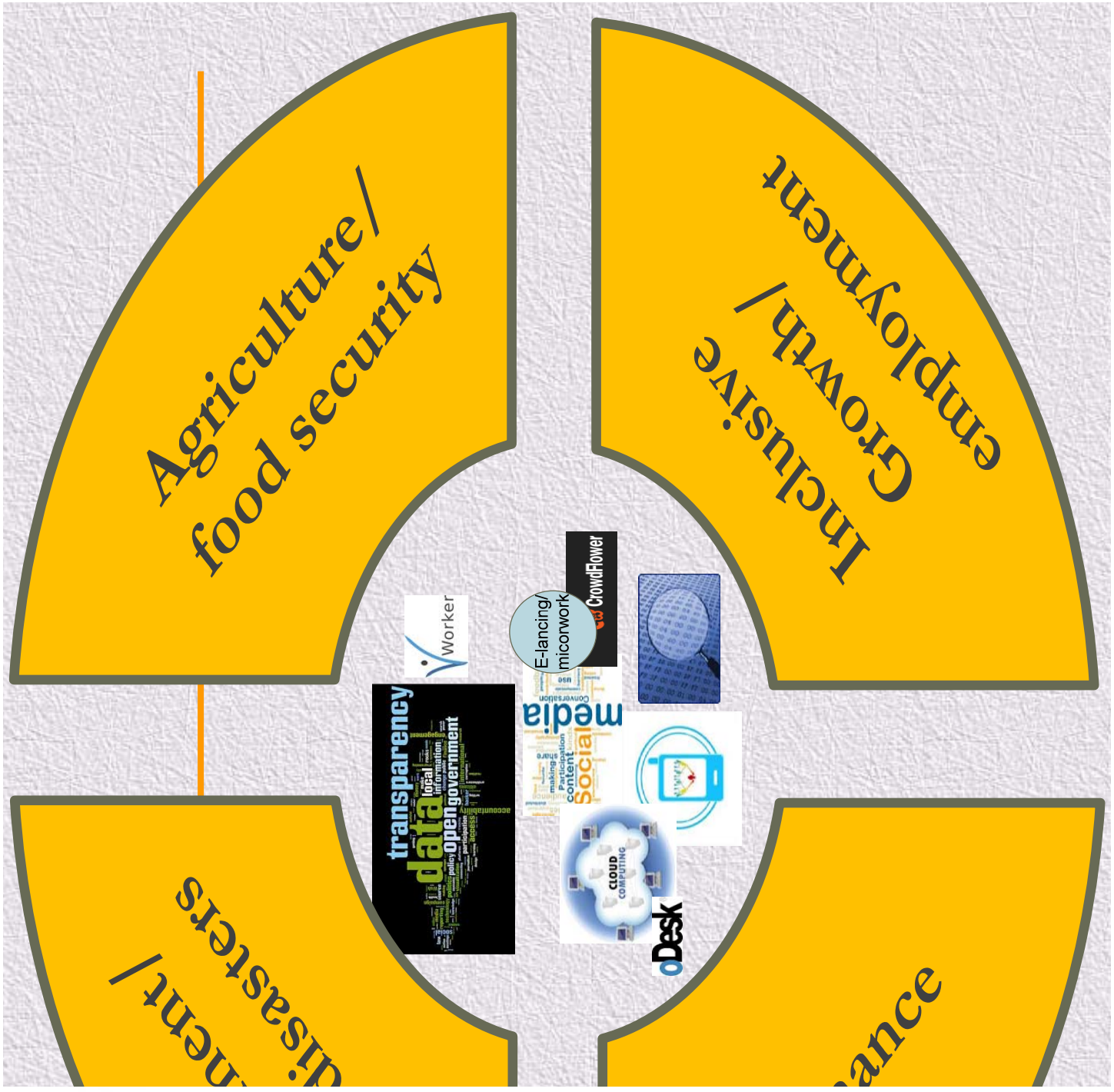
Forest fire detection and monitoring

Crowdsourcing……



Key questions…

- How to inspire/facilitate local action for building resilience?
  - Social media/ collaboration tools
- How to achieve scale, generate network benefits and enhance meaningful community appropriation of ICTs?
  - Broadband for smarter knowledge-networked societies
- How to account for uncertainties
  - Big data and open innovation system



预览已结束，完整报告链接和二维码如下：

https://www.yunbaogao.cn/report/index/report?reportId=5_7438