

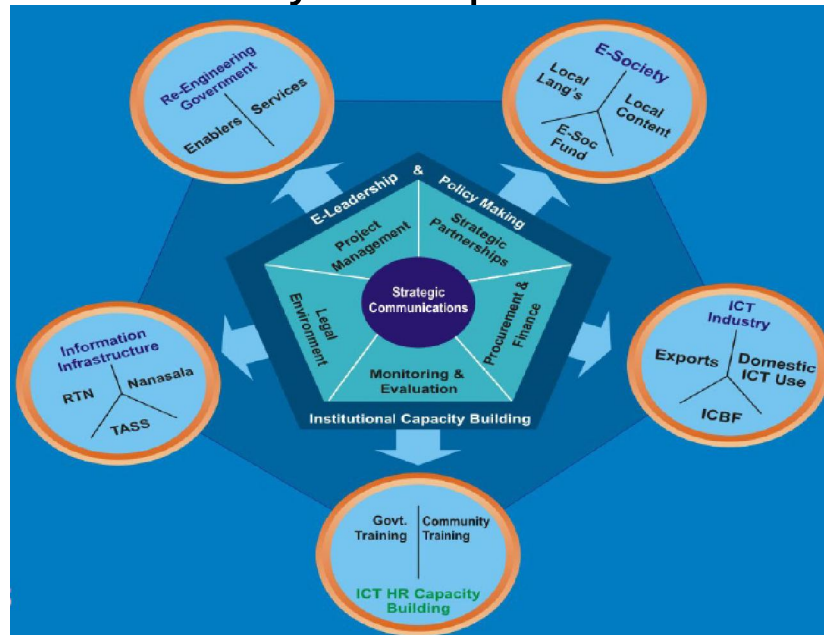
Functioning of SADKN Portal & Geo-Reference Information for Future Enhancement of the portal

Anoja Seneviratne
SADKN Focal Point
Disaster Management Centre
Sri Lanka

Is it Important?

- E-Sri Lanka
 - Empower the nation with ITC for providing dividends of ICT to;
 - Every Citizen
 - Every Village
 - Every Business
 - change the way that government thinks and works

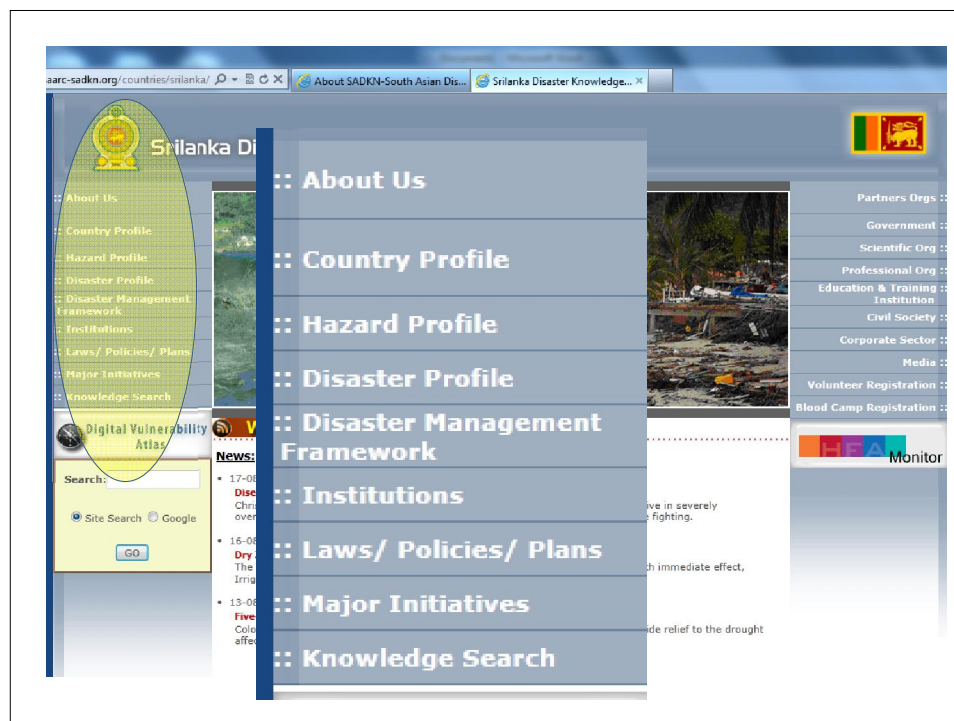
Why it is Important?

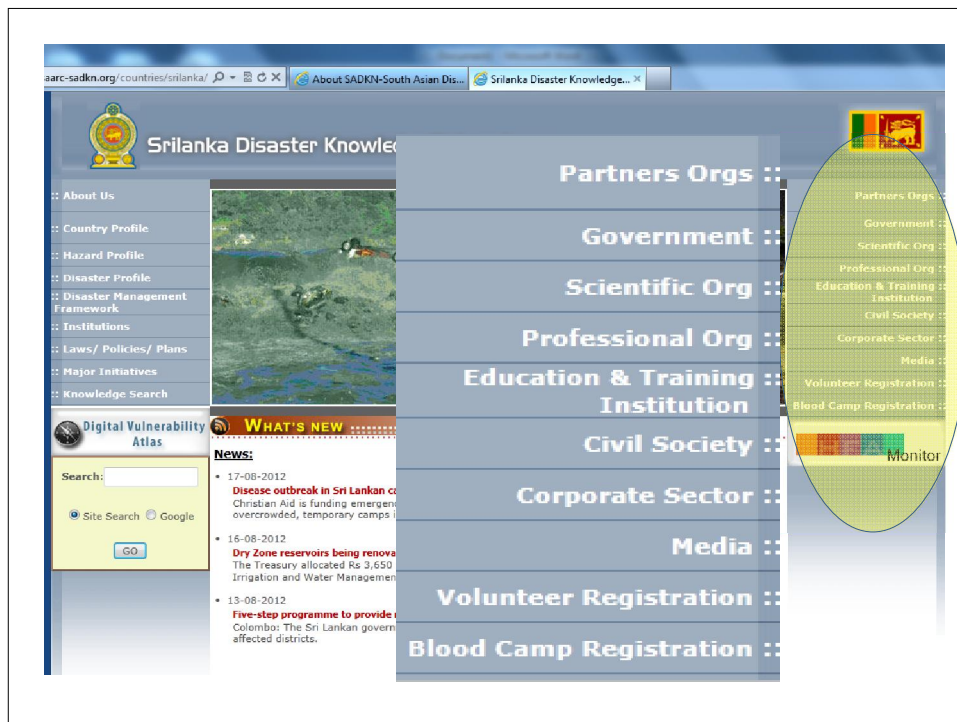


The objectives

- § To create an one stop source of information on disaster management in Sri Lanka and SAARC countries
- § Create a network of government, research/ academic institutions, non-government organizations, (NDMCC Stakeholders) on disaster management
- § Provide immediate access to documented and published information contributed by the networking organizations in the field of disaster management
- § Provide an organized collaborative Knowledge base (K-base) to organize and locate information easily
- § Establish an environment, which will encourage people of Sri Lanka to create, learn, organize, share and reuse knowledge

SADKN Sri Lankan Chapter





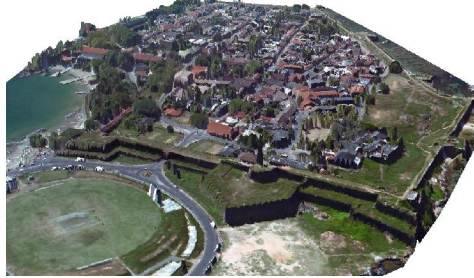
Geo Reference data highly required to

- Weather forecasting
- Flood forecasting and mapping
- Drought assessment
- Monitoring Human/ Elephant conflict
- Coastal zone monitoring for coastal hazard prevention
- Forest fire management etc...

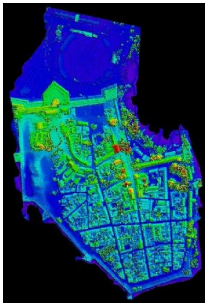


Project “HyperDEM”

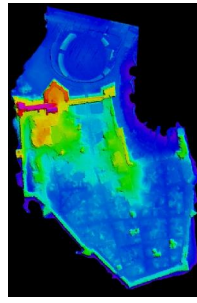
3-D PERSPECTIVE VIEW OF THE DUTCH FORT IN GALLE



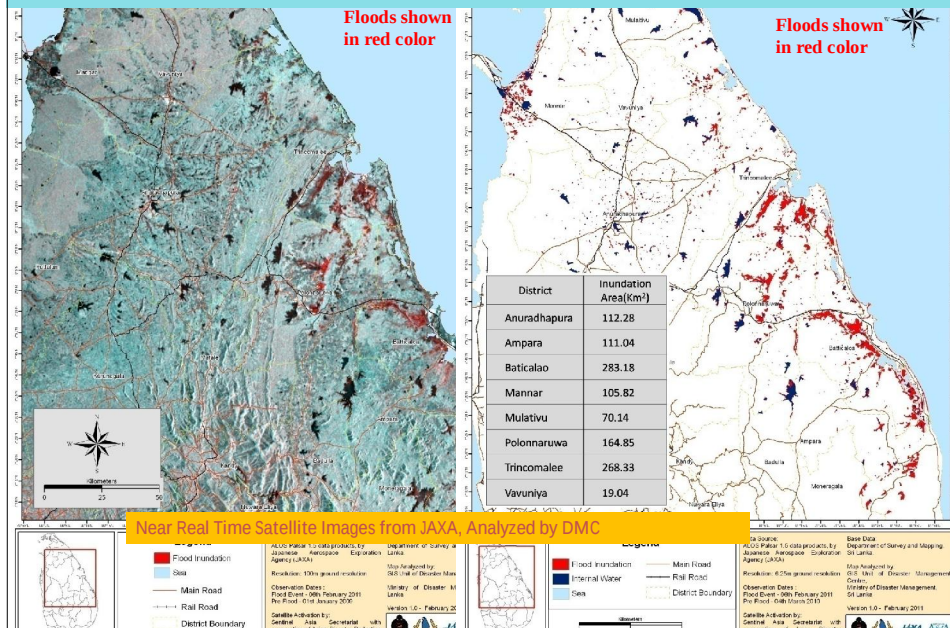
DIGITAL
SURFACE MODEL



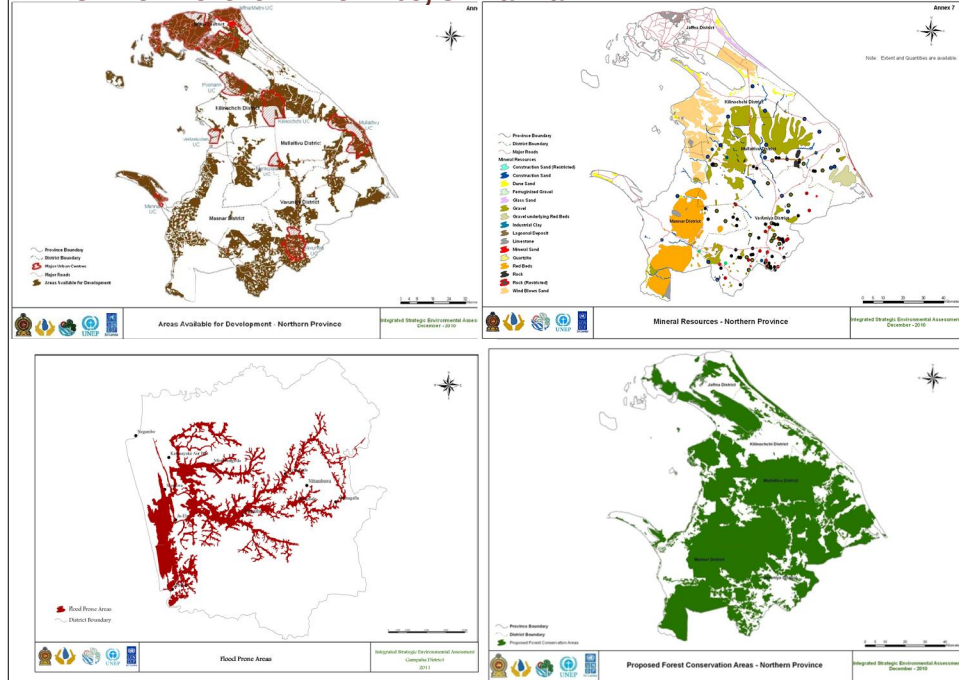
DIGITAL
TERRAIN MODEL



Flood Inundation Mapping, East and North Central Provinces-2011



ISEA of Northern Province, Sri Lanka



Space Technologies for Disaster Management



Images from earth observing satellites help assess the damage caused by disasters and assess vulnerability to hazards.



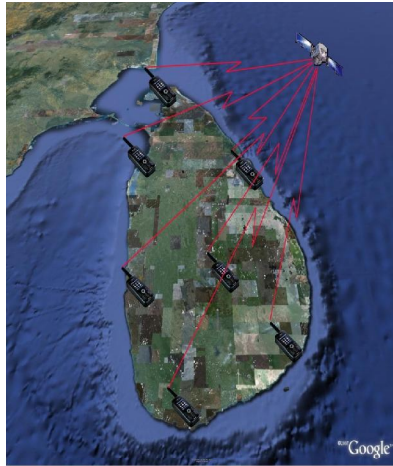
Satellite Meteorology help obtain precise weather forecast, thus provides early warning on floods, cyclones etc.



Satellite communications help warn people who are at risk, especially in remote areas. They help connect a disaster zone to the response agencies

Global navigation satellite systems enable us to obtain positional information in guiding response teams, identifying hazard areas and tracking of vehicle by GPS / GSM enabled systems..etc.

Satellite communication covering 25 Districts

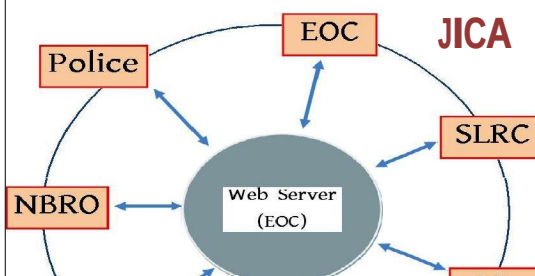


Hand Held

Desk Top

Thuraya Satellite phones

Intra Government Network [IGN]



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_6852

