

## *National Geoportal Options for DRM in Target Countries*

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## **Contents**

- Issues and Recommendation in Expert Group Meeting in UN-ESCAP
- Functionality of geoDRM
  - User Roles
  - System Functionalities
- Available Architectures
  - Local
  - Cloud Based
  - Managed Remote Server
- Integration of geoDRM to existing DRR Gateway

## Issues

For Effective DRR and DRM, there is a need of

- Georeferenced Data
- A National Online Georeferenced Information System
- Capacity to create and handle such data

## Recommendation

- Identify a National Agency for DRR/ DRM
- Identify DRM National Georeferenced Database
- Suggest the ways and means to Fill the gaps in database by regional cooperation
- Enable developing a National Georeferenced Information System for DRM
- Develop Capacity to create and handle such data
- Connect LDCs/ LLDCs/ PIDCs Local Systems to a Central Server through Regional Cooperation

17/0

Options recommended  
during  
EGM

February 2012

## Option 1

Populating Geo-informatics for DRM/DRR

**DRR  
Gateway**

**+Geo  
Portal**

**Geo  
Platform**

**Capacity Development for LDCs**

## Option 2

SELECTED By EGM

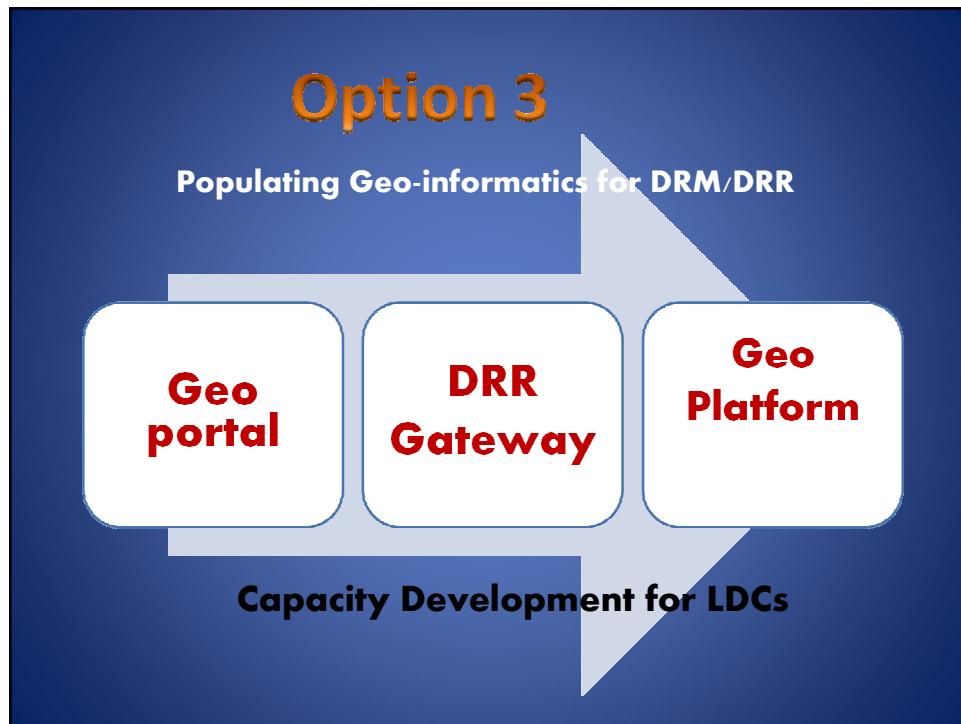
Populating Geo-informatics for DRM/DRR



**DRR  
Gateway**

**Sub-  
regional  
(SOPAC,  
ICIMOD..)**

**Geo  
Platform**

**Capacity Development for LDCs**



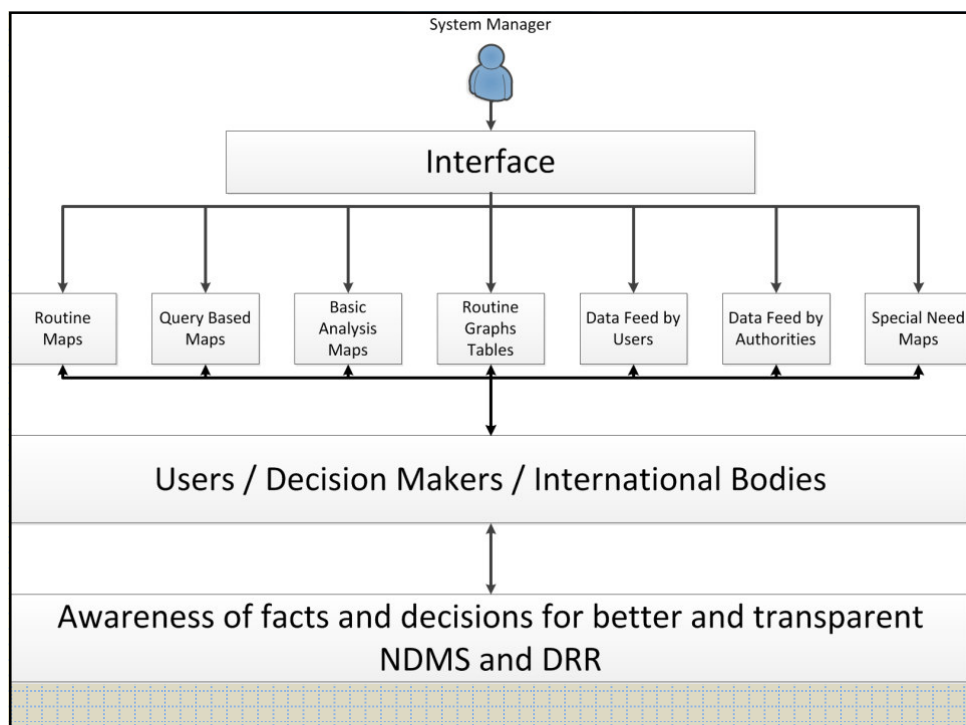
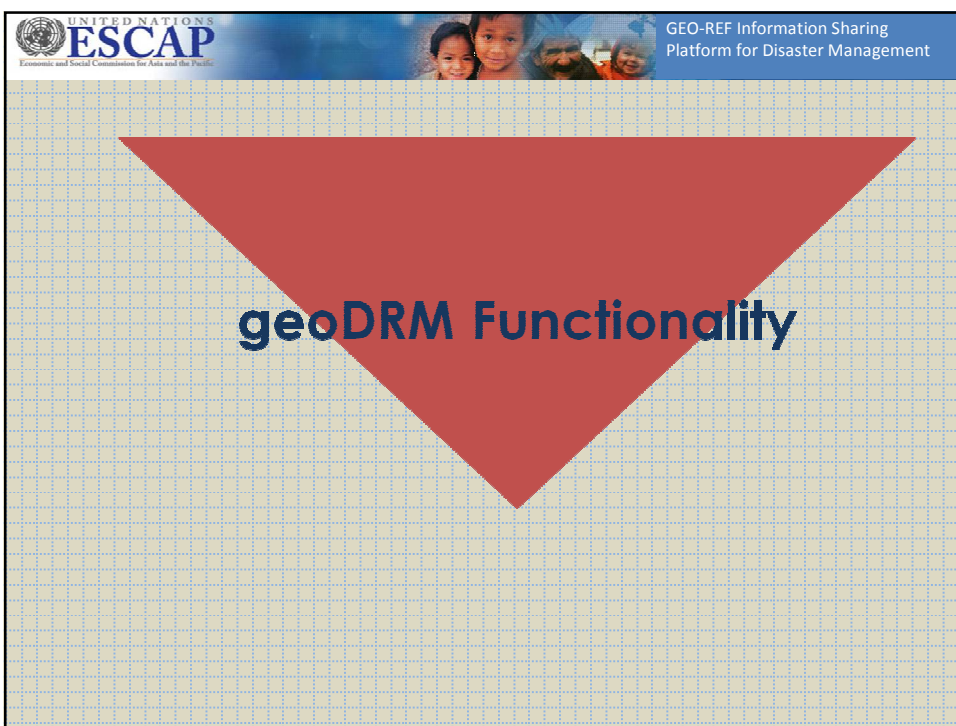


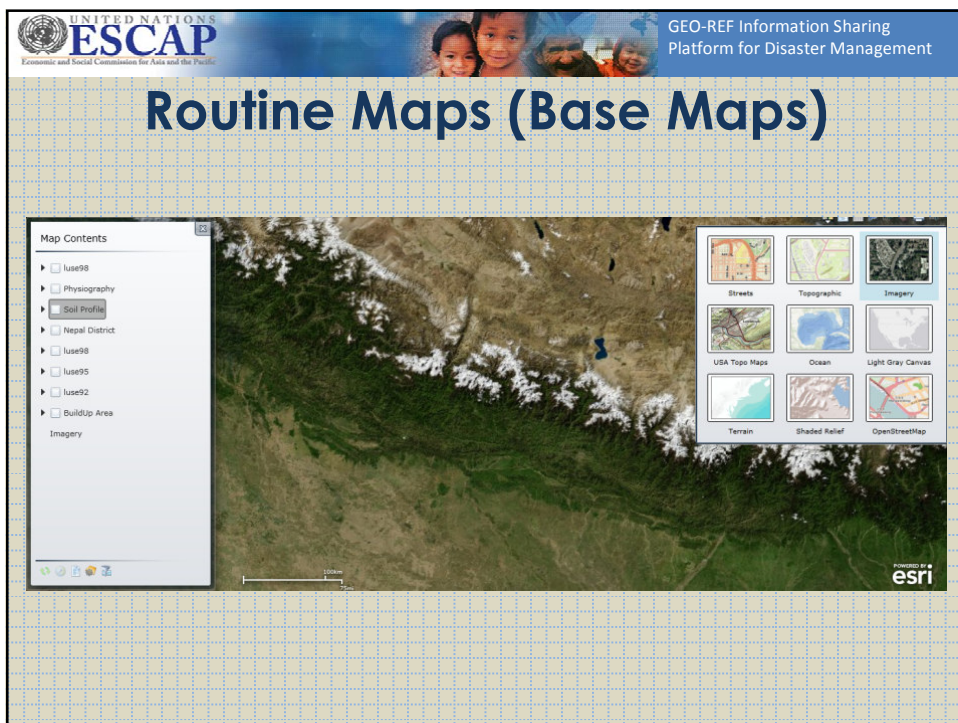
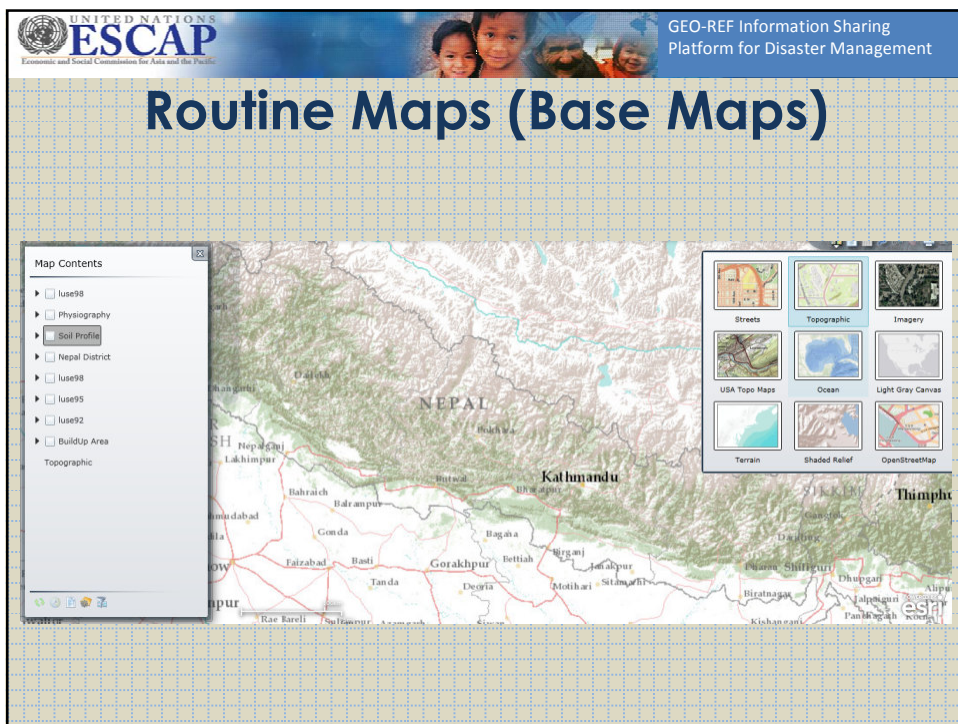
GEO-REF Information Sharing  
Platform for Disaster Management

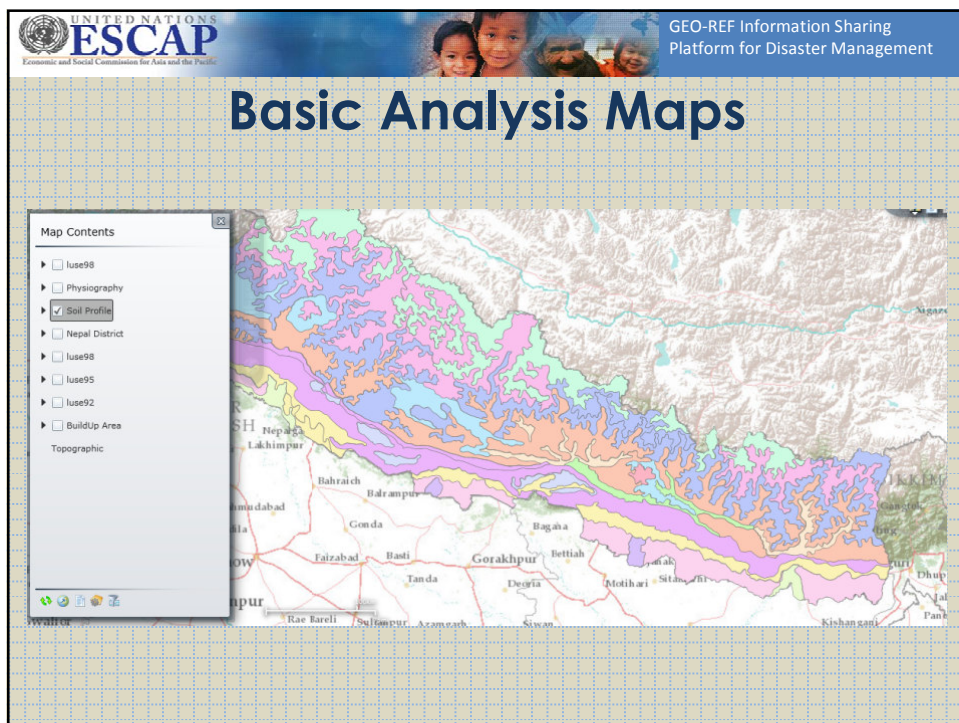
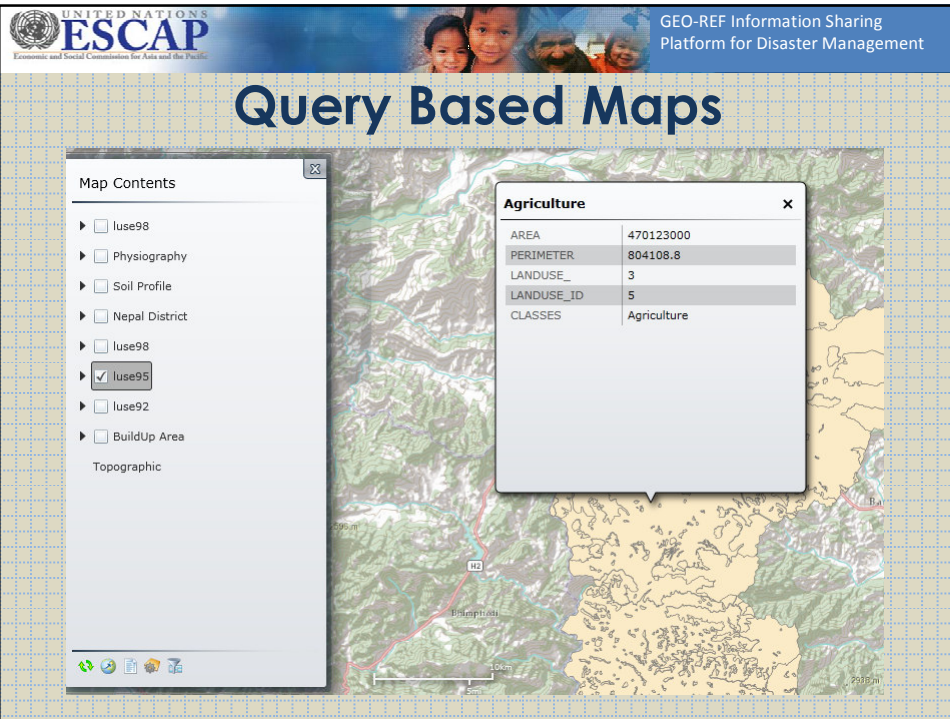
## Issues after EGM

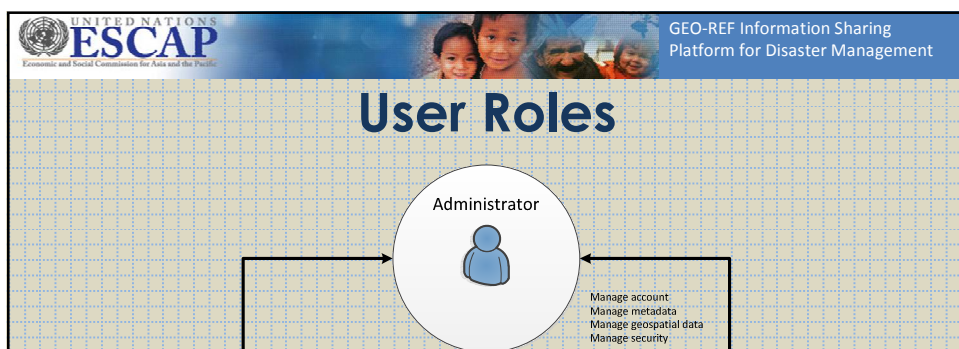
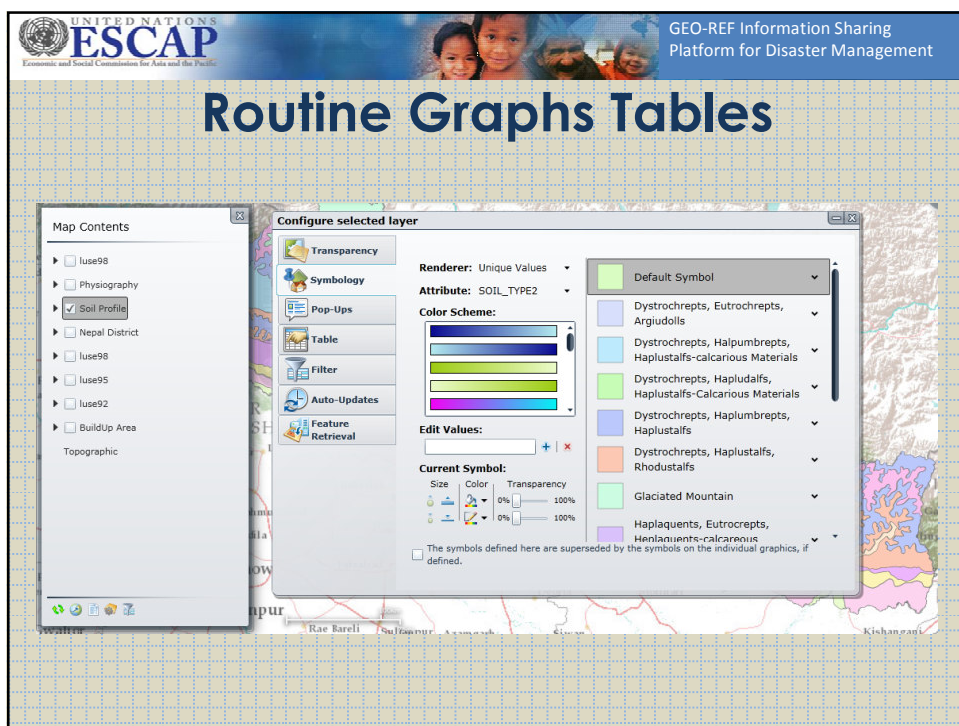
- Huge cost of dedicated server at country level
- Huge annual maintenance cost
- **Regional Servers**
  - require additional resources to link with country servers – *no free service*
  - *Issue of coordination with Countries/ ESCAP DRR Gateway*
- Lack of resources/ capacity in country of interest to handle such servers
  - High bandwidth requirement from telecom organisation
  - Annual recurring cost
- System Security Concerns
  - 24 Hrs Power backup
  - System safety in the event of disaster at the place of the server











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\\_7514](https://www.yunbaogao.cn/report/index/report?reportId=5_7514)

