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ESCAP
Economic and Social Commission for Asia and the Pacific



GEO-REF Information Sharing
Platform for Disaster Management



Technical Advisory Mission
September 2013,
Cook Islands

National Geoportal DRM

- *System functions, integration and security*
- *System Demonstration*

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IDD Consultants



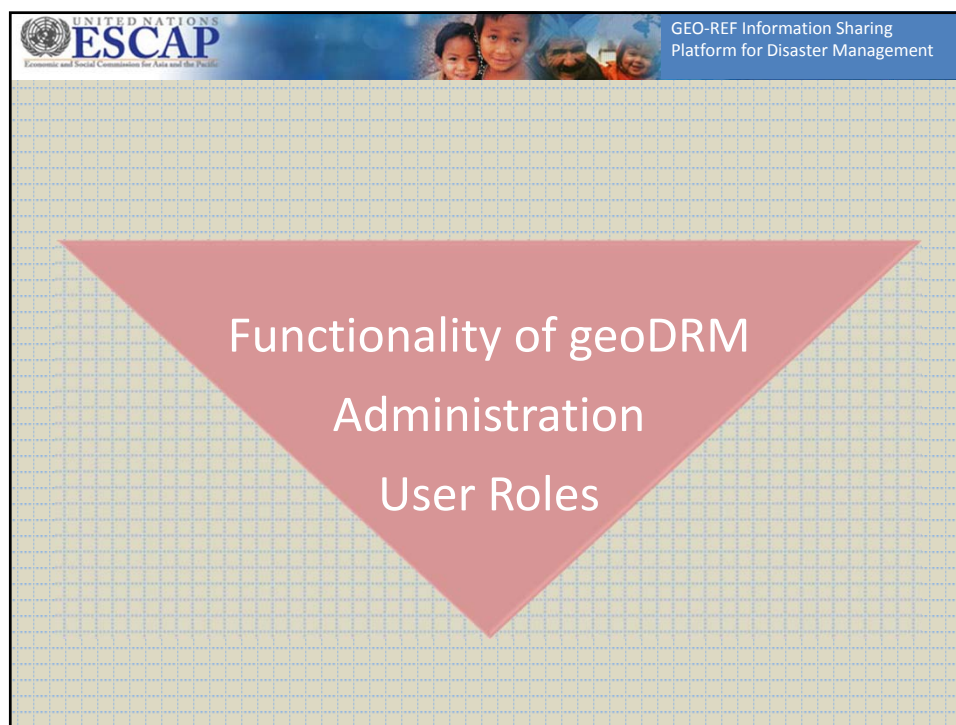
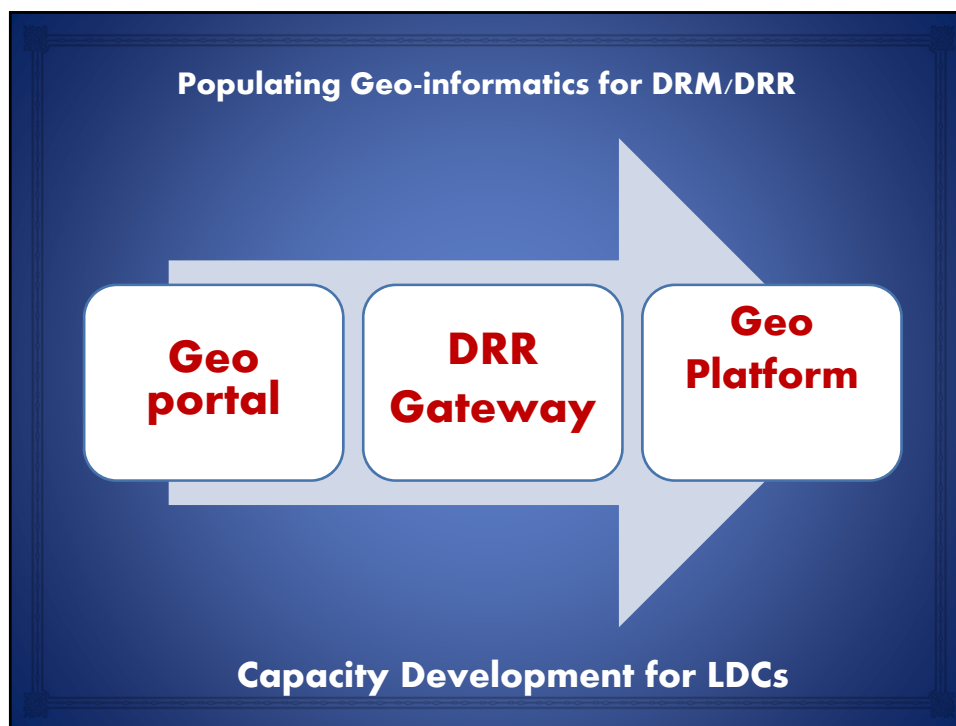
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Contents

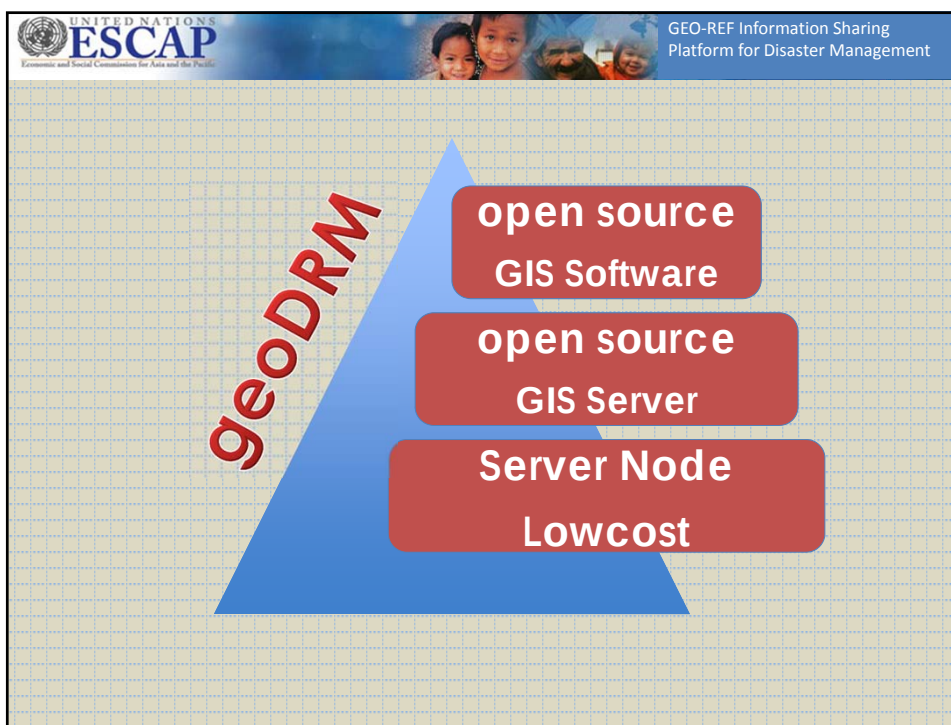
- Functionality of geoDRM
 - System Functionalities
 - Administration
 - User Roles
- Integration of geoDRM through existing DRR Gateway
- Security and Integrity





GeoPortal Issues

- **Cost**
 - Huge cost of dedicated server at country level
 - Huge annual maintenance cost
- **Lack of resources/ capacity** in country of interest to handle such servers
- **High bandwidth requirement**
 - from telecom organisation
 - Annual recurring cost
- **System Availability**
 - 24 Hrs Power backup
 - System safety in the event of disaster at the place of the server





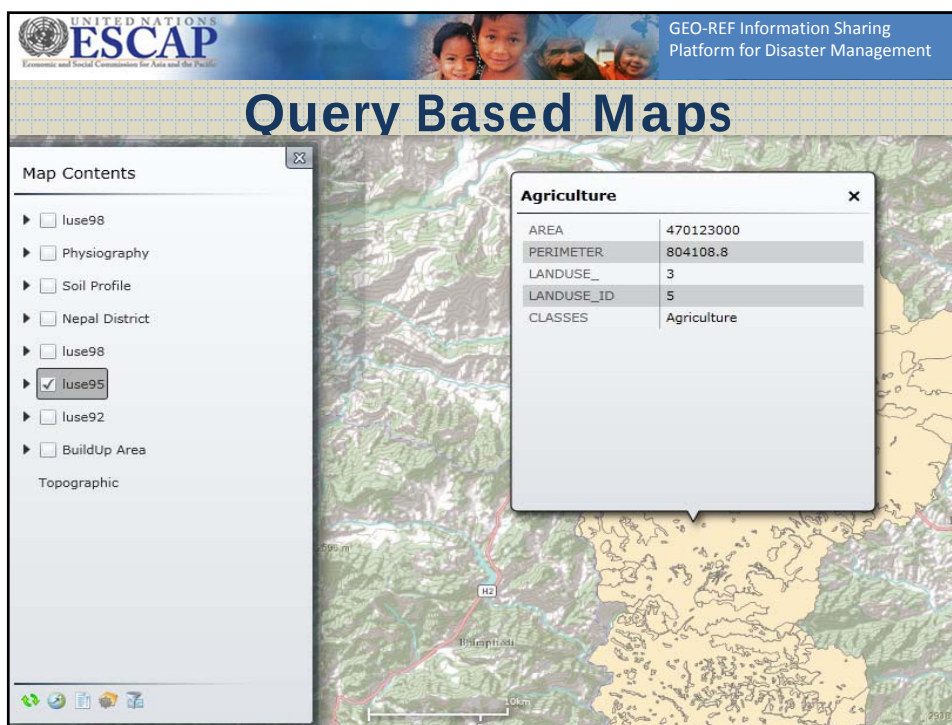
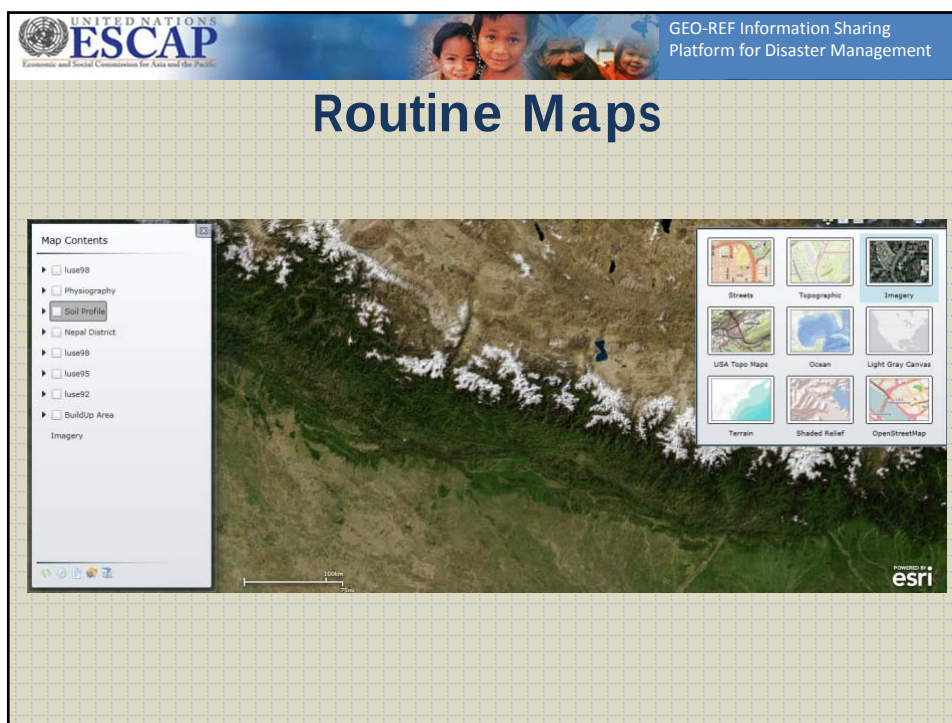

Geoportals Software

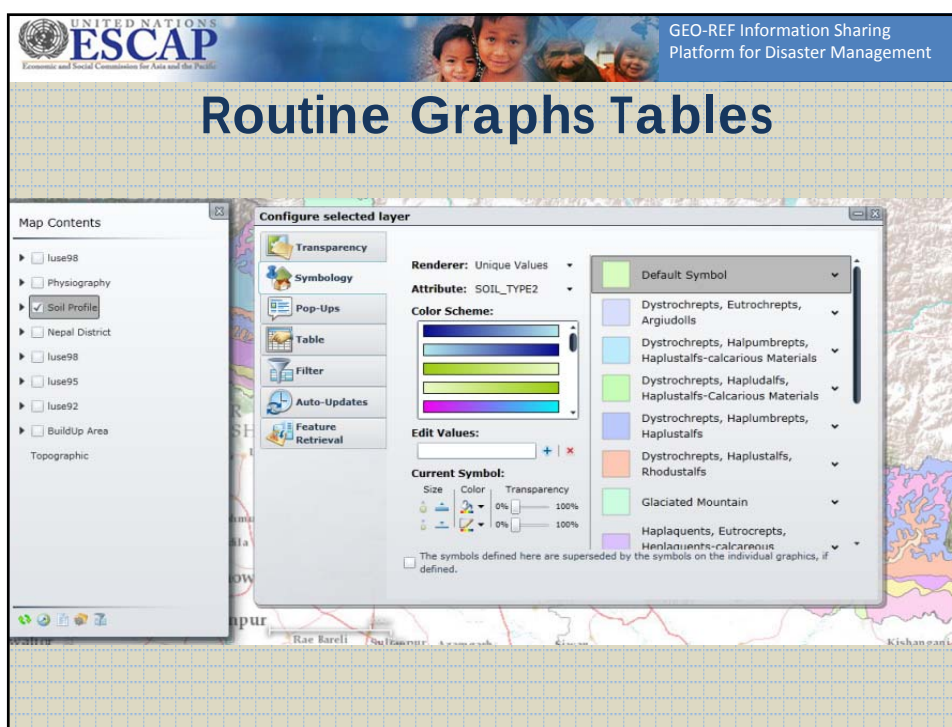
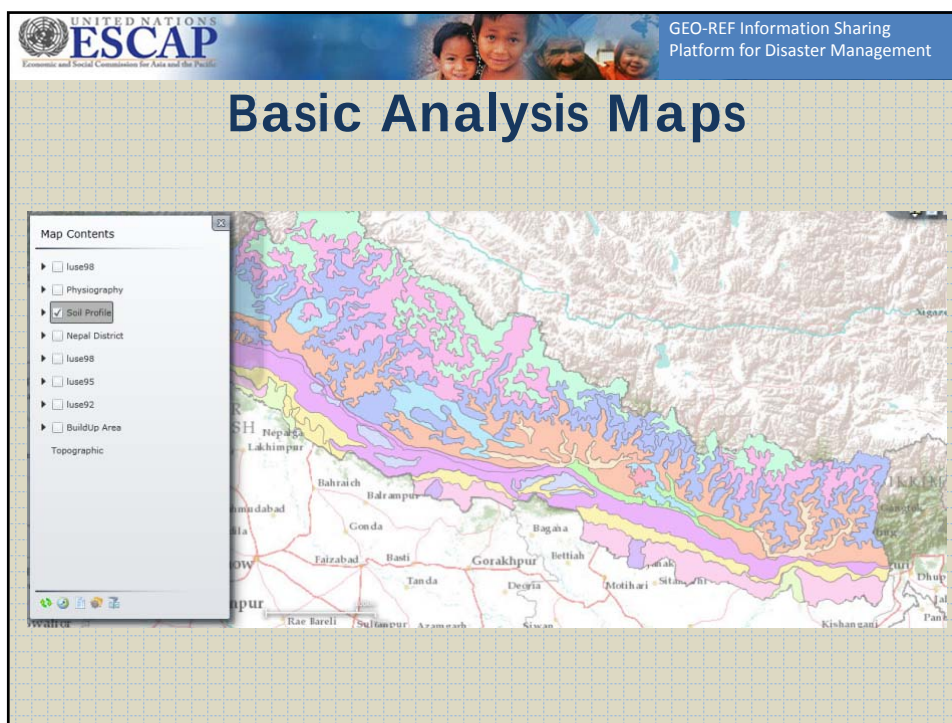
- Open Source
 - Geo Server
 - Map Server
 - Deegree Server
 - GeoNetwork
- Proprietary / Commercial
 - Esri Technology
 - ERDAS

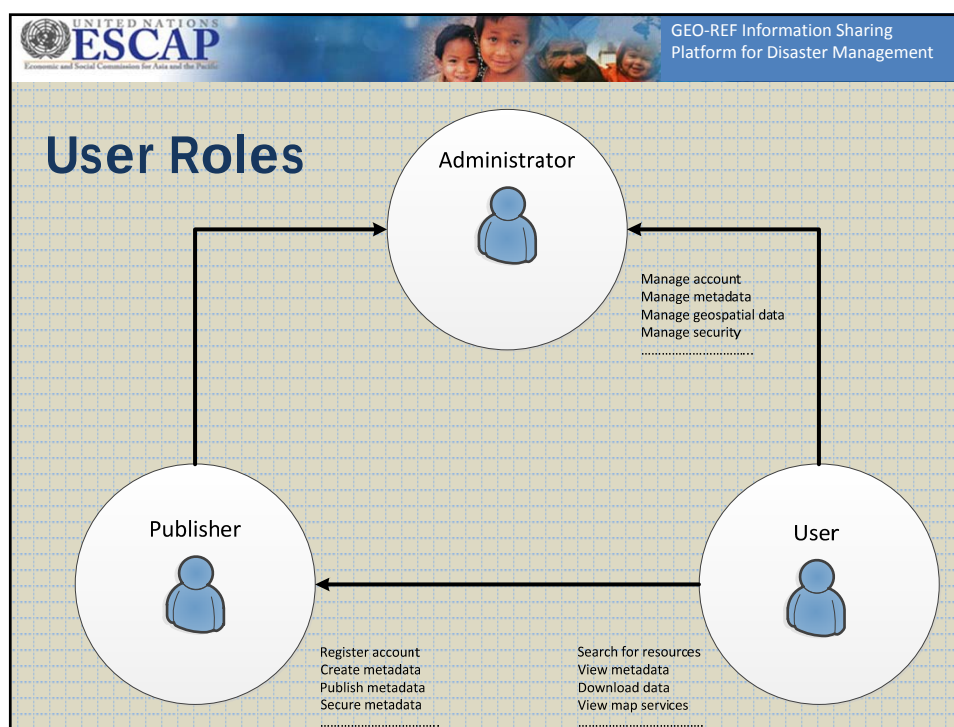
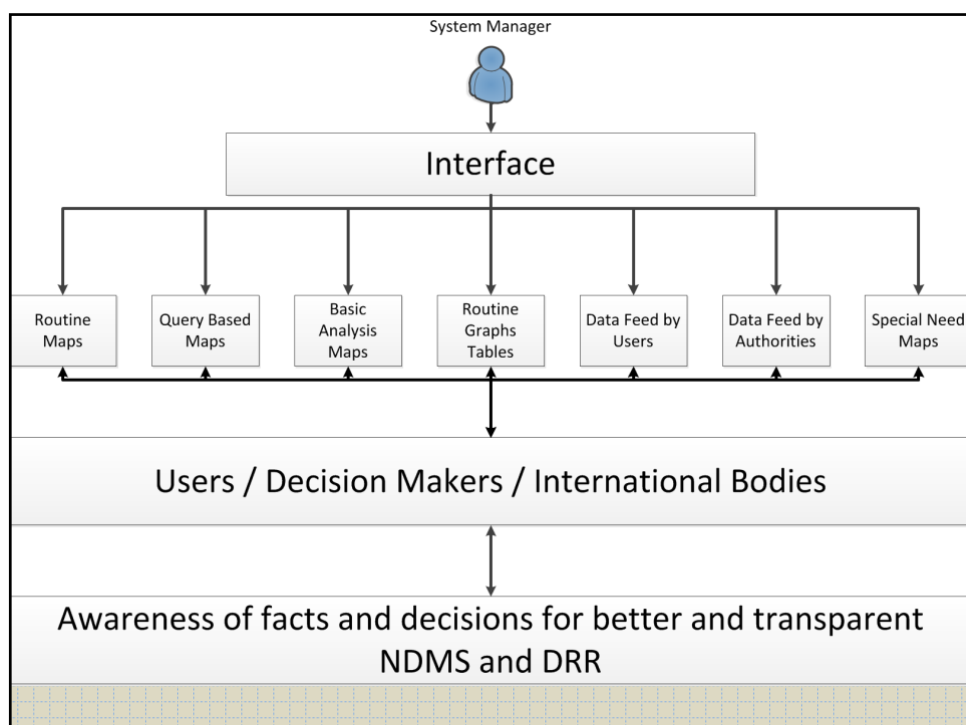



Routine Maps (Base Maps)











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System Functionalities

Main Administrator

- **Accounts Management**
 - Review accounts
 - Approve or disapprove requests to become publisher
 - Join Groups
- **Metadata and Geospatial Data Management**
 - Review published metadata and geospatial data
 - Approve or disapprove the metadata and geospatial data
- **Security Management**
 - Reviewing privileges of each group
 - Configuring the contents that each group can access



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System Functionalities

Publisher

- **Account Creation**
 - Assign User
 - Join certain groups

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_6812

