

Regional Workshop on Geo-referenced
Information Systems
for Disaster Risk Management (Geo-DRM)
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Journey of supporting CSNs to establish Geo-DRM



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Why Geo-DRM is important to CSNs?

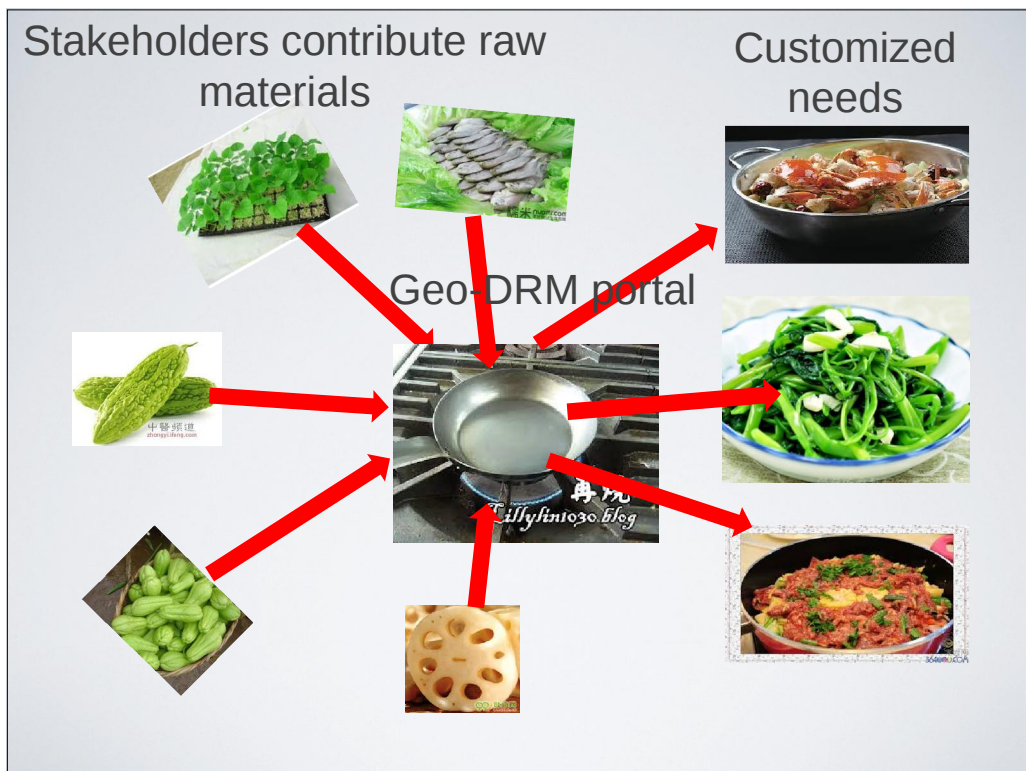
- Ø Asia-Pacific is the most disaster-prone region of the world.
 - *Huge loss caused by severe disasters rolls back the development gains made by CSNs.*
- Ø Utilization of space technology and GIS is now more accessible and affordable than ever.
 - *Comprehensive hazard and risk assessments, disaster response, relief and impact assessments .*
- Ø Space technology and GIS applications continue to be underutilized in CSNs.
 - *Primarily because of the lack of capacity in developing countries in terms of human, scientific, technological, organizational and institutional resources.*



What are the goals of this project?

- Ø LDCs, LLDCs and SIDS in Asia-Pacific region have the capacity to establish and use a geo-referenced information platform for disaster risk reduction and management.
 - *Geo-DRM provides a highly effective tool in support of evidence-based decision making for preparedness, rapid analysis and impact assessment of disasters.*
 - *Through South-South cooperation as well as triangular cooperation.*
- Ø Community of Practices (COP) is developed among stakeholders and link it to a regional-level support network of DRR and DRM.







- Ø Survey of regional persistent gaps and challenges in CSNs.
 - *Low capacity in space and GIS applications.*
 - *Lack of geo-referenced information systems in the region.*
- Ø Pilot country selection upon request.
 - *Least developed countries: Nepal, Bangladesh, Afghanistan*
 - *Land lock developing countries: Mongolia, Kyrgyzstan*
 - *Small Island developing States: Cook Islands, Fiji*
- Ø Country level needs and gap assessment.
- Ø Increase awareness of policymakers on Geo-DRM and the capacity of the users in key ministries.





What is our key deliveries?

- Ø Developed standardized prototype Geo-DRM portal.
 - *based on open source software for disaster risk management and shared it with member States, in particular, with LDCs, LLDC and SIDS.*
- Ø Developed a series of knowledge products.
 - *Installation of Geo-DRM portal, users' manuals and video guidance, etc.*
- Ø Supported member States to enhance their capacity building.
 - *Supported Bangladesh, the Cook Islands, Fiji, Kyrgyzstan, Mongolia and Nepal in establishing Geo-DRM and provided the specialized training to configure, operate and manage the Geo-DRM.*
- Ø Strengthened regional partnerships.
 - *UNISDR, UNCCD, UNDP, UNITAR/UNOSAT, UNOCHA, SAARC, SOPAC, CSSTEAP and AIT.*



What is the current status of Geo-DRM ?

- Ø The Geo-DRM which integrating geospatial data and critical socio-economic information has been initially operational in pilot countries.
 - *Bangladesh, Cook Islands, Fiji, Kyrgyzstan, Mongolia, Nepal*
 - *More countries such as Afghanistan, Bhutan, Cambodia, Lao PDR, Kiribati, and Maldives have requested the technical support on establishment and use of Geo-DRMs.*
 - *In the advent of a disaster, the Geo-DRM aims to provide the right information, to the right people, at the right time to enable sound, evidence-based decision making.*
- Ø The online Community of Practice (COP) has been established.
 - *A regional network of more than 100 key stakeholders, has been established and will assist in sharing information, knowledge and resources for disaster management.*



Ø Good practices in pilot countries:

- *Mainstreamed using innovative technology, such as space and GIS, into their sectoral or national disaster prevention plan.*
- *Bangladesh, Cook Islands, Kyrgyzstan, Mongolia and Nepal have initially exchanged the data and provide support among related ministries.*

Ø Network of Networks:

- *Network of policy makers, officials, researchers and project managers from different ministries and academic fields has been setup.*
- *Effective linkage with professional UN agencies, such as UNITAR/UNOSAT, UNGGIM and GEO, has been further strengthened.*
- *An experienced technical team at AIT will continue to provide technical assistance to all user of Geo-DRM.*

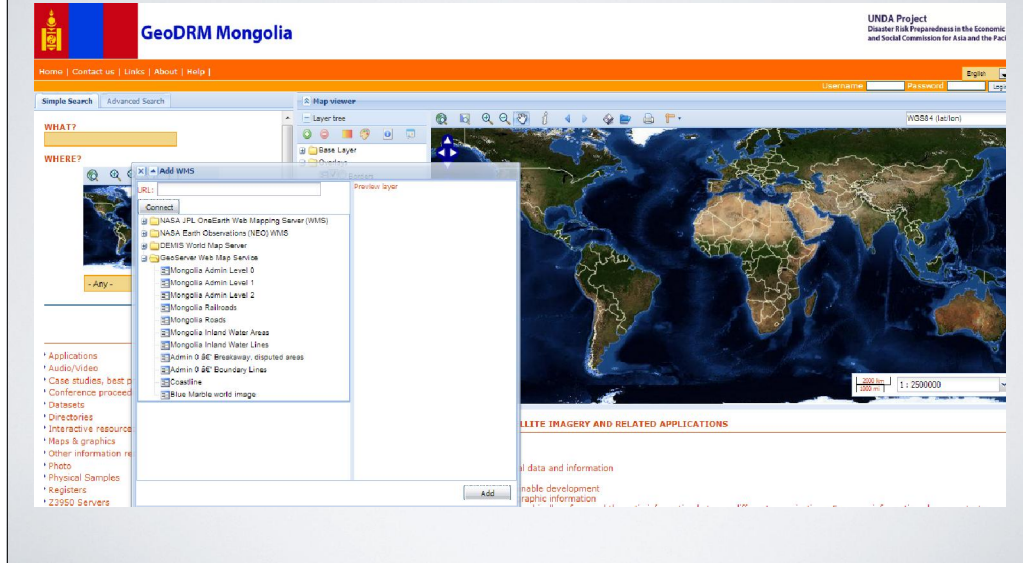
Ø Continued support:

- *from existing and potential donors, such as Korea, Japan, China and India, are committed to provide financial and technical support to ESCAP in GIS applications for disaster risk reduction.*

What should be proud of ?

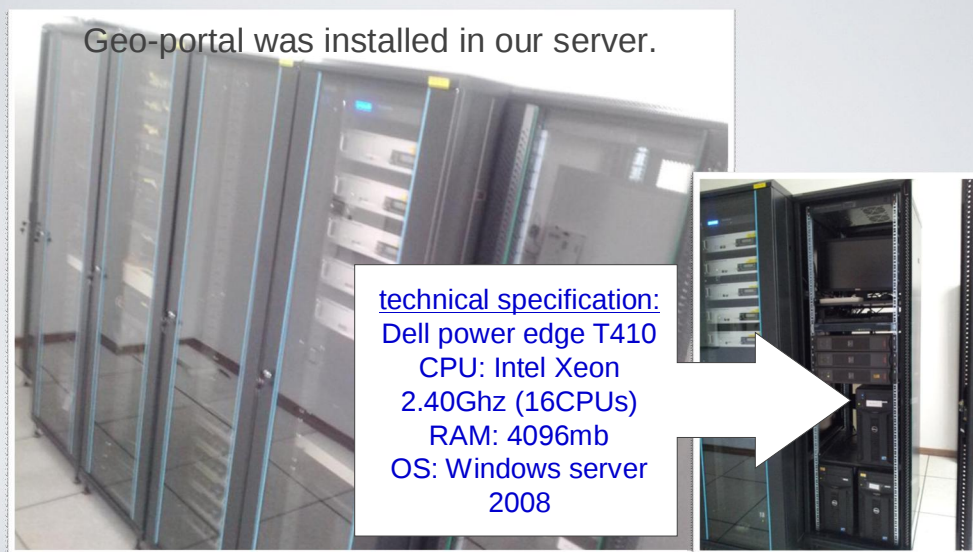


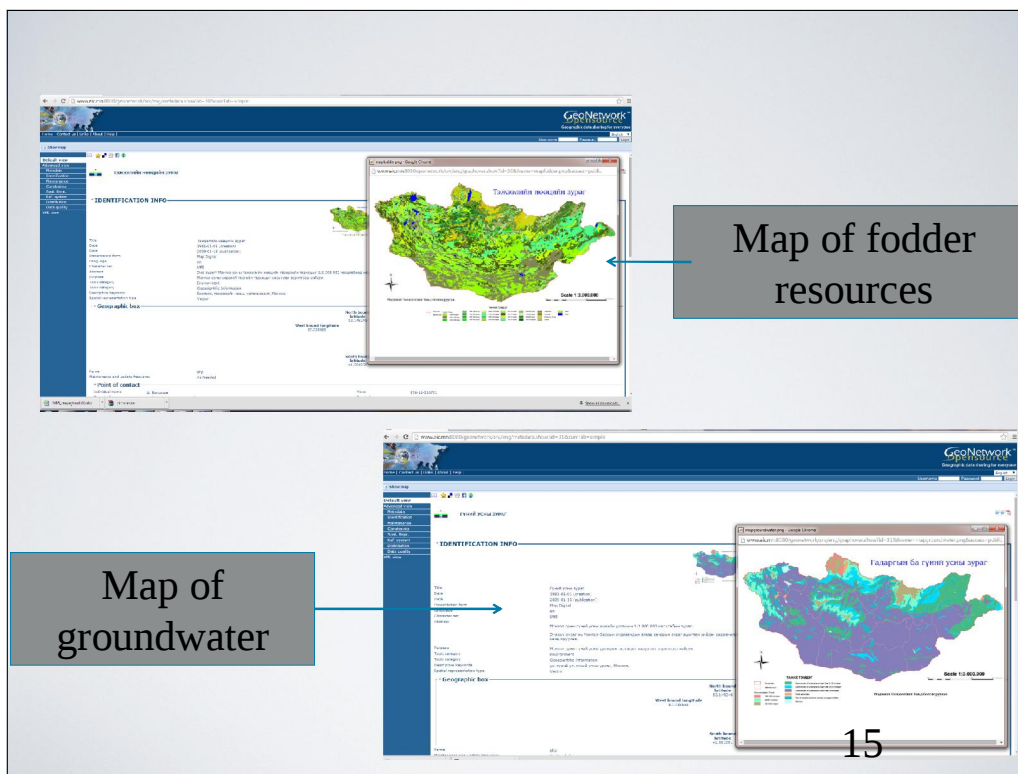
Mongolia



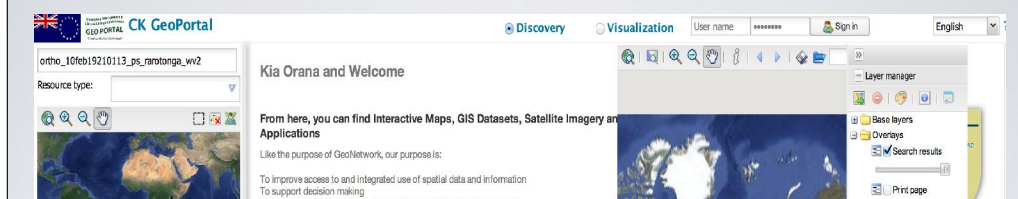
Usage of Geo-portal in NEMA, Mongolia

Geo-portal was installed in our server.





Cooks Islands



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_5375

