



Technical Assistance on Implementation of Geo-referenced Information Systems for Disaster Risk Management (Geo-DRM)

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UNCC and Asian Institute of Technology (AIT)
Bangkok, Thailand

By

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Geo-DRM

GeoNode is a web-based application and platform for developing geospatial information systems (GIS) and for deploying spatial data infrastructures (SDI). It is designed to be extended and modified, and can be integrated into existing platforms.

Features of GeoNode

- ✓ Browse and search for geospatial data and web services
- ✓ Upload, manage, and share geospatial data
- ✓ Create and share interactive maps
- ✓ Collaborate and interact with other users

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Activities in the Training

- We have Data in Excel Format
- We Geo-referenced the data using QGIS Software
- We upload the layer into GeoNode System
- We Create Maps
- We customize maps and publish it
- We Upload Documents
- Security Features
- and many other features

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Nepal Disaster Data

S.No.	District	Municipality & Ward No.	Date	Type of Disaster	Death	Missing	Injured	Affected Family	Animal Loss	Comp.	Partly	Shed Destroyed	No.	Unit	Public Property Losses	Estimated Losses (in Rs.)	Remarks	Source
1	Kathmandu	Dhobidhara	1-Jan-12	Fire								1				500000	Hotel, Nanji Shrestha	Nepal Police
2	Kathmandu	Kathmandu-7	1-Jan-12	Fire								1					Reliance Co-operative	Nepal Police
3	Kathmandu	Thamel	1-Jan-12	Fire								1				200000	Sunil Shakya	Armed Police Force
4	Siraha	Adhoulik-1	1-Jan-12	Fire								1				25000	Newa Sah	Nepal Police
5	Kathmandu	Jorpati-2	2-Jan-12	Fire								1				150000	Ram Pd. Baral	Nepal Police
6	Sankhuwasabha	Chepuwa-1	2-Jan-12	Fire					1			1					Chamde Bhotae	Nepal Police
7	Lalitpur	Badegaun-8	3-Jan-12	Fire								1				200000	Raju Shrestha	Nepal Police
8	Kathmandu	Kathmandu-12	3-Jan-12	Fire				1		1							Radhakrishan Khagdk	Nepal Police
9	Kathmandu	Kathmandu-15	3-Jan-12	Fire								1				500000	Radha Shahi	Armed Police Force
10	Kathmandu	Kathmandu-19	3-Jan-12	Fire								1				700000	Radha Shahi	Armed Police Force
11	Bhaktapur	Jhaukhel	4-Jan-12	Fire				1		1						200000	Laxmi Pd. Sul	Nepal Police
12	Siraha	Siruwani-3	4-Jan-12	Fire								1				200000	Shambhu Chaudhary	Nepal Police
13	Jhapa	Damak-10	4-Jan-12	Fire								1				100000	Devibhakta Adhikari	Nepal Police
14	Dolpa	Dan-8	4-Jan-12	Fire				1		1						300000	Man Bdr. Buda	Nepal Police
15	Humla	Simkot-5	4-Jan-12	Fire								1					Pasu Sewa Kendra	Nepal Police
16	Panchthar	Phaktae-4	5-Jan-12	Fire				1		1						447200	Itaram Chemjong	Nepal Police
17	Panchthar	Phidin-2	5-Jan-12	Fire				1		1						500000	Bishnu Adhikari	Nepal Police
18	Kathmandu	Kalmati	6-Jan-12	Fire								2				40000	Bhuwan Manandhar, is	Nepal Police
19	Sunsari	Duhabi-4	7-Jan-12	Fire												15000000	Mahalaxmi Synthetic P	Armed Police Force
20	Bajura	Martadi-6	7-Jan-12	Fire					7			1					Nar Bdr. Thapa	Nepal Police
21	Rukum	Khalanga-3	9-Jan-12	Fire								1				300000	Ramesh Pandey	Nepal Police
22	Kavrepalanchow	Kushadevi-8	9-Jan-12	Fire	1			2		2							Bhakaram Magar	Nepal Police
23	Dailekh	21/O Shiberana-5	9-Jan-12	Thunderbolt	1		2										Taradevi Upadhaya	Nepal Police
24	Siraha	Sirahabasti-8	9-Jan-12	Fire				4		4						270000	Resma Mechi	Armed Police Force

GEO Referenced Data using QGIS

ID_0	ISO	NAME_0	ID_1	NAME_1	ID_2	NAME_2	ID_3	NAME_3	VARNAME_3	NL_NAME_3	HASC_3	TYPE_3
169	NPL	Nepal	2107	East	25161	Sagarmatha	43102	Saptari	NULL	NULL	NPPW.ST	Jilla
169	NPL	Nepal	2107	East	25161	Sagarmatha	43103	Siraha	NULL	NULL	NPPW.SR	Jilla
169	NPL	Nepal	2107	East	25161	Sagarmatha	43104	Solukhumbu	Solukhumbu	??????????	NPPW.SO	Jilla
169	NPL	Nepal	2107	East	25161	Sagarmatha	43105	Udayapur	Udayapur	NULL	NPPW.UD	Jilla
169	NPL	Nepal	2108	Far-Western	25162	Mahakali	43106	Baitadi	NULL	NULL	NP.SP.BT	Jilla
169	NPL	Nepal	2108	Far-Western	25162	Mahakali	43107	Dadeldhura	Dadeldhura Dad...	NULL	NP.SR.DD	Jilla
169	NPL	Nepal	2108	Far-Western	25162	Mahakali	43108	Darchula	NULL	NULL	NP.SR.DR	Jilla
169	NPL	Nepal	2106	Central	25156	Bagmati	43071	Bhaktapur	Bhadgaon Khw...	????????	NP.MM.BK	Jilla
169	NPL	Nepal	2106	Central	25156	Bagmati	43072	Dhading	NULL	NULL	NP.MM.DH	Jilla
169	NPL	Nepal	2106	Central	25156	Bagmati	43073	Kathmandu	KTM	????????? ??????	NP.MM.KT	Jilla
169	NPL	Nepal	2106	Central	25156	Bagmati	43074	Kavrepalanchok	Kavrepalanchok...	NULL	NP.MM.KV	Jilla
169	NPL	Nepal	2106	Central	25156	Bagmati	43075	Lalitpur	Patan	NULL	NP.MM.LL	Jilla
169	NPL	Nepal	2106	Central	25156	Bagmati	43076	Nuwakot	NULL	NULL	NP.MM.NU	Jilla
169	NPL	Nepal	2106	Central	25156	Bagmati	43077	Rasuwa	NULL	NULL	NP.MM.RS	Jilla
169	NPL	Nepal	2106	Central	25156	Bagmati	43078	Sindhupalchok	NULL	NULL	NP.MM.SP	Jilla
169	NPL	Nepal	2106	Central	25157	Janakpur	43079	Dhanusa	Dhanusha	NULL	NP.MM.DN	Jilla
169	NPL	Nepal	2106	Central	25157	Janakpur	43080	Dolakha	Dolkha	NULL	NP.MM.DO	Jilla
169	NPL	Nepal	2106	Central	25157	Janakpur	43081	Mahottari	Mahotari	NULL	NP.MM.MH	Jilla
169	NPL	Nepal	2106	Central	25157	Janakpur	43082	Ramechhap	Ramechhap	NULL	NP.MM.RM	Jilla
169	NPL	Nepal	2106	Central	25157	Janakpur	43083	Sarlahi	NULL	NULL	NP.MM.SA	Jilla
169	NPL	Nepal	2106	Central	25157	Janakpur	43084	Sindhuli	NULL	NULL	NP.MM.SI	Jilla
169	NPL	Nepal	2106	Central	25158	Narayani	43085	Bara	NULL	NULL	NP.MM.BA	Jilla
169	NPL	Nepal	2106	Central	25158	Narayani	43086	Chitwan	Chitawan	NULL	NP.MM.CH	Jilla
169	NPL	Nepal	2106	Central	25158	Narayani	43087	Makawanpur	Makawanpur	NULL	NP.MM.MK	Jilla
169	NPL	Nepal	2106	Central	25158	Narayani	43088	Parsa	NULL	NULL	NP.MM.PR	Jilla
169	NPL	Nepal	2106	Central	25158	Narayani	43089	Rautahat	NULL	NULL	NP.MM.RT	Jilla
169	NPL	Nepal	2107	East	25159	Koshi	43090	Bhojpur	NULL	NULL	NPPW.BJ	Jilla
169	NPL	Nepal	2107	East	25159	Koshi	43091	Dhankuta	NULL	NULL	NPPW.DK	Jilla
169	NPL	Nepal	2107	East	25159	Koshi	43092	Morang	NULL	NULL	NPPW.MO	Jilla
169	NPL	Nepal	2107	East	25159	Koshi	43093	Sankhuwasabha	NI III	NI III	NPPW.SK	Jilla

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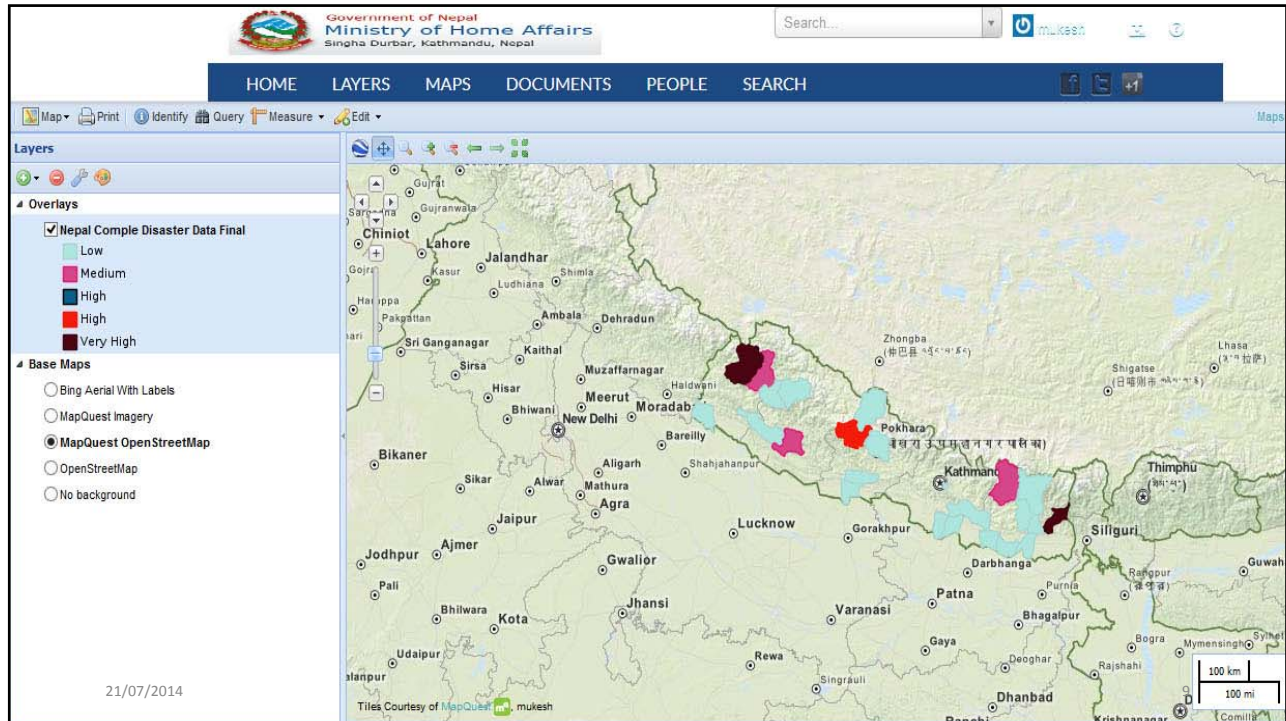
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 this is data categorization on the basis of estimated loss.

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Outcomes From The training

- How to use geo portal
- Upload layers/maps
- Geo referencing data

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_6475

