

Memorandum of Understanding (MOU)
for
Web GIS Services based governance applications for NDMA
(National Disaster Management Authority)

between

Survey of India, Dehradun
(Ministry of Science & Technology,
Department of Science & Technology,
Government of India)

and

National Disaster Management Authority (NDMA),
Ministry of Home Affairs, Government of India, New Delhi

Signed on this day 16th of April, 2019



Survey of India,
Department of Science &
Technology,
Dehradun

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National Disaster
Management Authority,
Ministry of Home Affairs,
New Delhi

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MEMORANDUM OF UNDERSTANDING

1. PREAMBLE

This Memorandum of Understanding (MOU) is between Survey of India (Sol) and National Disaster Management Authority (NDMA), Ministry of Home Affairs, with the purpose to effectively use WebGIS Services to meet with survey map requirement and survey related Geospatial data application requirements of NDMA in the area of disaster risk management. Provisions of the various technology based solutions have been included in this document for the benefit NDMA to enable them to provide improved Disaster risk information in the country.

Survey of India, a 250 years old organization, is the National Surveying and Mapping Agency under the Department of Science and Technology (DST), Ministry of Science and Technology (MoST), Government of India. Survey of India has played a valuable role in the saga of India's Nation Building. The scientific and development initiatives of the organization have played an indispensable pioneer role in defining the country's priorities for growth and development. Survey of India has a mandate to take a leadership role in liberalizing access of spatial data to user groups without compromising with the national security. The responsibility for producing, maintaining and disseminating the topographic map database of the whole country, which is the foundation of all spatial data, vests with Survey of India (Sol).

NDMA, as the apex body, is mandated to lay down the policies, plans and guidelines for Disaster Management to ensure timely and effective response to disasters. The National Policy framework has been prepared after due deliberation and keeping in view the National Vision to build a safe and disaster-resilient India by developing a holistic, proactive, multi-disaster and technology-driven strategy for DM, NDMA has established a GIS System. This will be achieved through a culture of prevention, mitigation and preparedness to generate a prompt and efficient response during disasters. The entire process will centre-stage the community and will be provided momentum and sustenance through the collective efforts of all government agencies and Non-Governmental Organizations'. Disaster management is the State Governments' which respond to disasters, providing people with disaster assistance. The central government provides financial & technical assistance whenever needed.

PARTIES to MOU:

This Memorandum of Understanding (MOU) is signed between National Disaster Management Authority (NDMA), Ministry of Home Affairs, here-in-



after called "NDMA" and Survey of India (SoI), Department of Science & Technology, Govt. of India, Dehradun, here-in-after called "SoI".

2. AUTHORIZED SIGNATORY

Authorized signatory for NDMA is Shri Ramesh Kumar Ganta, Joint Secretary (Administration & Mitigation), National Disaster Management Authority, Ministry of Home Affairs, NDMA New Delhi

and

Authorized signatory for SoI is Lt Gen Girish Kumar, VSM, Surveyor General of India, Survey of India, Department of Science & Technology, Government of India, Dehradun.

3. FUNCTIONARIES AND CONTACT DETAILS

3.1 NDMA

S N.	Name	Contact Address	Phone	Email
1.	Shri Ramesh Kumar Ganta,	Joint Secretary (Administration & Mitigation), National Disaster Management Authority, NDMA Bhawan	26701720	mitigation@ndma.gov.in
2.	Shri Vijay Singh Nemiwal	Joint Advisor (MP) National Disaster Management Authority, Ministry of Home Affairs, Govt. of India, NDMA Bhawan, Safdurjung Enclave, New Delhi	26701815	jamp@ndma.gov.in
3.	Shri Anurag Rana	Joint Advisor (IT & Comn.) National Disaster Management Authority, Ministry of Home Affairs, Govt. of India, NDMA Bhawan, Safdurjung Enclave, New Delhi	26701743	jaitcomn@ndma.gov.in
4.	Shri Samir Kumar	Deputy Project Director, National Disaster Management Authority, Ministry of Home Affairs, Govt. of India, NDMA Bhawan, Safdurjung Enclave, New Delhi	26701792	dpd.ncrmp@gov.in



3.2 Survey of India (SoI), Dehradun

SN.	Name	Contact Address	Phone	Email
1.	Lt Gen Girish Kumar, VSM	Surveyor General of India, Survey of India, Hathibarkala Estate, DEHRADUN (Uttarakhand) – 248 001	Tel- 0135-2744268 Fax No - 0135-2744268 0135-2744064	sgi.soi@gov.in
2.	Shri D.N. Pathak	Director, Survey (Air) & Delhi Geo-spatial Data Centre, Survey of India, West Block No.4, R.K. Puram, New Delhi. Pin - 110 066	Tel: 011- 26107795 Fax: 011-26107795 011-26196301	delhi.gdc.soi@gov.in
3.	Shri Pankaj Mishra	Deputy Surveyor General (Tech.), Surveyor General Office, Hathibarkala Estate, Post Box No. 37, Dehradun- 248001	Tel: 0135-2746805	pankaj.mishra.soi@gov.in sgo.technical.soi@gov.in

4 EFFECTIVE DATE

4.1 Commencement:

The effective date for the commencement of this MOU will be the date of signing of the MoU by SoI and NDMA.

4.2 Duration:

This MOU is valid for duration of **5 years** from the date of commencement. If further extensions are required, it shall be by mutual consent of the parties in writing.

5 SCOPE OF THE WORK

To collaborate for sharing survey maps through Web GIS services from Survey of India, geospatial assets creation for NDMA, to integrate Web Map Service and Web Feature Service with various applications of NDMA, joint design and development of new WebGIS applications for governance with SoI Web GIS Service. Implementation of pilots where ever required and



Shri Kamal Kishore

Member, National Disaster Management Authority

Date of Birth: 21 October 1968

Kamal Kishore has worked on disaster risk reduction and recovery issues for over 22 years at the local, national, regional and global levels. Prior to joining the National Disaster Management Authority, he worked with the United Nations Development Programme (UNDP) for nearly 13 years in New Delhi, Geneva and New York. At UNDP headquarters he led global advocacy campaigns to address disaster risk reduction concerns in the UN's Sustainable Development Goals and the post-2015 development agenda. As programme advisor, he also led the development of disaster and climate risk management related elements of the UNDP Strategic Plan (2014-17).

