

National Spatial Data Infrastructure and Sustainable Development

Krishna Raj BC (krishnabc11@gmail.com)

Executive Director, Land Management Training Center, Ministry of Land Reform and Management,
Nepal

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ABSTRACT

Geospatial information has become indispensable for numerous aspects of physical and socio-economic development, planning and management. With considering the importance of geospatial information, development and establishment of geospatial data infrastructures which comprises the people, policies and technologies necessary to enable the generation and use of geospatial data through all levels of governments, the private and non-profit sectors and academia was started in 2002 in Nepal.

The paper provides the importance of geospatial information in the planning, management and the sustainable development, of the country. The paper then highlights current issues impacting National Geospatial Information Infrastructure (NGII) development in Nepal. The paper then provides the initiatives taken to further enhancement of NGII.

BIOGRAPHICAL NOTES



Mr. Krishna Raj BC has obtained Professional Master Degree in Geographic Information Science and Earth Observation (Specialization: Cadastre and Land Administration) from ITC, The Netherlands and a Bachelor of Science Degree from Tribhuvan University, Nepal. He has more than 27 years of experience in the field of surveying & mapping, cadastre, and land administration. He worked as the Director General of Survey Department and as the Joint Secretary of the Ministry of Land Reform and Management, Nepal. He has participated and presented papers in the various national and international seminars. He is currently working as the Executive Director in Land Management Training Centre of the Ministry of Land Reform and Management, Nepal.

CONTACTS

Krishna Raj BC (Mr.)

Executive Director

Land Management Training Centre, Dhulikhel, Kavre, NEPAL

Tel. +977 11 661455, Email: krishnabc11@gmail.com, krishnabc@hotmail.com

Website: <https://www.lmtc.gov.np>