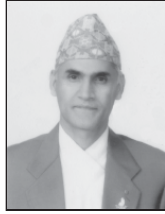


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Editorial

Survey Department is in a process of migrating from traditional manual system of surveying and mapping to modern digital technology. In this context, it has already introduced some of the modern systems such as establishment of Geodetic Network and densification of control network by Global Positioning System Survey, Topographical base maps updating using Remote Sensing technology and Nepal-India border strip mapping by Geographical Information System technique and Digital technology is going to apply for cadastral mapping. However, it will be a gradual process to switch over from traditional systems to establish a complete system of digital technology.

Department had prepared a roadmap for its future vision through a two tier working group namely Technical Task Force and Think Tank. The first working group consists of Younger Officers who collect the required information for the assigned tasks and the later group consists of Senior Officers prepares and submits the detail report on the tasks to the Director General of the department. The first roadmap of the department includes the report on information sharing and communication mechanism, ten years working implementation plan, establishment of internal management system and a draft on human resource development policy and programmes. Besides these, the department is concentrating on three more important tasks such as capacity building for sustainable development, improve service delivery system for customers' satisfaction and organization restructuring for quality improvement. In order to address these topics, an action plan including short term and long term programmes of the department was prepared and submitted to the Ministry of Land Reform and Management.

In this issue of the Journal, one of the Advisory Board members Mr. Suresh Man Shrestha, Chief Survey Officer, National Geographic Information Infrastructure Programme of the Survey Department kindly provided an article titled “**Let us give a Thought**” as a special contribution. So, I highly appreciate and would like to express my sincere thanks to him for his efforts.

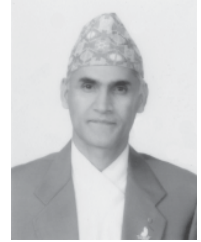
Survey Department has completed its 49 years of service on May/June 2006 AD (Jestha 2063 BS), so the next issue of this journal of 2007AD (2064 BS) will be published as a special issue to commemorate its golden jubilee anniversary celebration.

Hope the readers will enjoy reading this issue of the Journal.

Rabin K. Sharma
Editor in Chief

Message from Director General of Survey Department

Survey Department has stepped into the 50th year of its establishment. As the National Mapping Organization of Nepal, it has been dedicated to providing quality service to the public for the past 49 years. I hope it will continue to improve and expand its services to the satisfaction of the public. This year will mark the 50th year of its service and there will be a yearlong golden jubilee celebration. During this time, we will reiterate our commitment of effective service delivery.



From chain survey to working in the digital environment, we have come a long way. I am proud to state that Survey Department has been able to adopt and utilize new technologies as they have evolved. Digital technology has revolutionized the surveying and mapping field. Data acquisition & updating, database creation, manipulation and analysis has never been easier.

The Nepalese Journal on Geo-informatics is publishing its fifth issue. There has been a visible change in the quality and content of the journal. It is doing a commendable job of spreading awareness of the geo-informatics field and its activities. Scientific papers and research papers along-with a wide variety of other relevant information are included in the journal. This has made the journal a magazine of high standard. I would like to reiterate here, to invite and include more papers and articles from outside the Survey department.

Between the publication of the 4th and the 5th issue of this journal, there have been some significant achievements made by the department. A proposal has been forwarded to upgrade the post of Amin from non-gazetted second class to non-gazetted first class. This is expected to bring more efficiency, motivation, responsibility and subsequently better service delivery to the public. Another proposal has been forwarded for the restructuring of the Survey Department. This will help in better service delivery by the department. A technical task force and think tank constituting of younger and senior officers of the department has submitted a report outlining a long-term and short-term objectives of the department. A radio program “Hamro jamin, hamro Napi” is broadcasted over the last year. This has aided to make the public aware of the activities of the department and has found much popularity especially in the rural areas.

Lastly, I would like to repeat my thanks to the members of the Editorial Board for their effort to come up with this fifth issue of the journal, authors for providing their invaluable articles, and members of the Advisory Board for supporting the endeavor of publishing the journal.

Enjoy Reading!

49th Anniversary
Jestha, 2063 BS

Toya Nath Baral
Director General