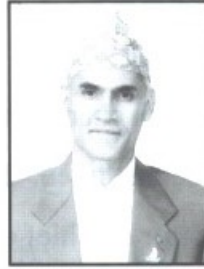


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Members of Editorial Board



Rabin Kaji Sharma
Editor in chief



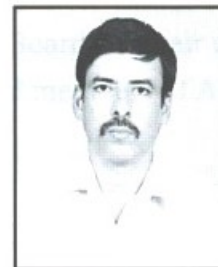
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Member

Editorial

On December 2, 2004, Mr. Toya Nath Baral took charge as a new Director General of Survey Department, so the Advisory Council and the Editorial Board has been reconstituted. The Editorial Board expects the appropriate directions from the newly formed Advisory Council and the Editor in Chief expects to receive cooperation from the current board members. However, I highly appreciate the contribution and cooperation that we received from the outgoing Members of both Editorial Board as well as Advisory Council. I would like to express my sincere gratitude to all of them for the same.

We have given a new look for indexing of the contents of this journal by grouping the similar nature items to facilitate the readers for the identification of their topics of interest. We hope the readers will appreciate this.

We are very much encouraged to receive a few new articles in this issue but we are still expecting more and more from the readers. So, the editorial board members are trying to motivate to write relevant articles for the Journal from the staffs of Survey Department and also request to other readers to send articles for this journal.

Thanks to the readers for their affirmative responses about the publication of the articles and papers in the journal, which were presented in different national and international events because, the access to all the staffs for the proceedings of the events and the Internet facility is not yet simplified in our context.

We would like to inform you that from this issue onwards, the readers could find one article specially contributed by one of the members of Editorial Board or Advisory Council of this Journal. To begin with the Editor in Chief himself has contributed on the topic "**Change of Leadership in Survey Department**".

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, the National Surveying and Mapping Agency of the Kingdom of Nepal, has completed Forty-Eight years of services in the field of surveying and mapping. As the leading organisation in its field, the department has taken initiatives in the professional development as well as adoption of advanced technologies in the Kingdom. I feel immense pride to reveal the fact that the professionals of the department are not only boosting up the institutional development of the department itself but also providing consultations to the Geoinformatics community, beyond the department. Among many of its endeavors, the department is publishing a journal, 'Nepalese Journal on Geoinformatics' annually, since 2002. I am, indeed, very much pleased to put forward a few words on this Fourth Issue of the Journal.

First of all, I would like to extend best wishes to all the readers of the journal on the auspicious occasion of the 48th Anniversary of founding of the department and congratulate all the officials for successfully coming to the age of digital technology from the days of chain and compass.

The aim of the journal is to spread awareness in the field of Geoinformatics among the professionals by publishing different type of articles like scientific papers, research papers and other relevant matters in the field of Geoinformatics. Accordingly, a wide variety of articles have been incorporated in the journal. However, the articles of the authors beyond the department seem very few. In the coming years, it is expected that the journal would come up with wider coverage of authors.

I would like to take this opportunity to bring into knowledge of the reader some of the latest achievements of the department. We have been using Remote Sensing technology in the updating of topographical maps. The Geodetic Control Networks are being strengthened by using GPS technology. The National Geographic Information Infrastructure Programme has created the National Topographic Database in the digital format. Population and Socio-Economic Atlas of Nepal has been launched via www, for free of cost. The usability of Orthophoto for cadastral mapping is being evaluated. Recently, as per the urgent need of urban society to register the ownership of space like apartments, a study has been carried out in the implementation of 3D Cadastre. Apart from these, the department is also launching the activities of cadastral resurveying to complete the survey of Village Blocks (*Gaun Block*). To deliver the effective and efficient services to the public the department always welcomes suggestions, feedbacks and criticisms regarding its activities from the readers.

Last but not least, I would like to thank the members of the Editorial Board for their effort to come up with this fourth issue of the journal, authors for providing their invaluable articles, and members of Advisory Board for supporting the endeavor of publishing the journal.

Enjoy Reading!

48th Anniversary
Jestha, 2062 B.S.

Toya Nath Baral
Director General