

Forewords

I am very much delighted to write a few words of introduction to the fourteenth issue of 'Nepalese Journal on Geoinformatics'. The journal has been published at a very important time – there is clearly an upsurge of interest in ICT based solutions in our professional field. And this journal has been one of the platforms for sharing professional knowledge among us.

Being a National Mapping Authority, Survey Department has generated a huge amount of nationwide geographical information related to our land, one of the basic sources of our livelihood. With the developments of technologies in the field of geoinformation and to cater ever growing demands of the geoinformation users, Survey Department must update its geoinformation in its possession. And dare to change itself to be in par with the modern technology.

Survey Department is going to adopt a new set of transformation parameters to interchange its geoinformation in traditional ellipsoid, Everest-1830 with modern WGS84 system. This is going to be a great achievement for the users of our geoinformation and GPS based technology. Chief Survey Officer Mr. N. Manandhar has put a lot of effort in this regard and his article will be of great value for our department.

There are a lot of issues to be understood about how we use geoinformation. Implicit in our work are many aspects of the scientific method as it is actually practiced in the laboratory. Increasing our scientific literacy level can improve our ability to think about our work. Articles by Mr. Sharma Rabin K., Mr. Bajracharya Birendra, Ms. Shrestha Shobha, PhD, Mr. Ghimire Subash, Mr. Dangol Susheel, Mr. Maharjan Hira G. are very good examples in this regard.

Starting this fiscal year, Nepal and India have resumed their boundary field works. Experience shared by Mr. Sharma Prabhakar on boundary survey works is surely going to be of great help for the surveyors involved in Nepal-India border field works.

The Earthquake of Baishakh 12, 2072 (April 25, 2015) shook almost all central part of Nepal, killed thousands of people, made thousands of people homeless, damaged/destroyed physical infrastructures including houses and put lives of nepali people in a very difficult situation at this point of our history. Destruction of historic monuments, specially in Kathmandu Valley, has been a very bitter truth. But, as many others, the staff of Survey Department stood determined to assist the rescue works of initiated by our government. We published geoinformation useful for rescue works. This information can be downloaded from www.dos.gov.np and www.ngiip.gov.np for free. Similarly our staff are busy in making maps, performing research regarding the possible shift of earthquake hit area and many are deputed to earthquake hit districts to assist rescue works. I am very proud to be the Director General of such devoted staff with professional obsession.

Very special thanks go to the members of the Editorial Board who brought out this issue of journal within a very short time period. I highly appreciate the effort of all the authors of the articles for sharing their knowledge. Finally, to conclude, I wholeheartedly invite and encourage new professionals to contribute to the noble cause of this journal in future.

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Survey Department,
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