

Background

The Nepal GIS Society (NEGISS) is a professional society founded in July 23, 1995 (Shrawan 07, 2052) and registered at Chief District Office Lalitpur by following regulation of the Government of Nepal. It has over 200 members including, institutional, life, general, and student and associated types. By statute, Society has every 3 years term of executive committee members to execute regular activities elect from the AGM through the democratic procedures. Society is also sincerely hoisting its nation building responsibilities with registered under the Social Welfare Council Nepal, regular renew, following financial discipline by registered within the government tax system through permanent account number (PAN), value added tax (VAT) number and maintaining regular auditing and transparent account systems.

Vision

Broad vision of the Society is to establish network among the GeoInformation professionals and stakeholders for geo-Information knowledge, skills, technology and overall development of GIScience through workshop, seminar, research, advocacy, consultation service, training and awareness programmes at national and international level.

Mission

The main mission of the Society is to establish wider network among the resourceful GeoInformation professionals, expand GI education and develop spatial decision support systems for the sustainable development through workshop, seminar, advocacy, consultation service, training and awareness programmes and outreach research in multi and trans-disciplinary fields at national and international level.

Goals

Nepal GIS Society has been formed with clear objectives of furthering the use and application of Geo Information Science and spatial data analysis technologies in the country as an aid to our mainstream endeavors in ensuring sustainable human development through effective management and mobilization of our spatial diversities, resource bases and human capabilities.

Activities

Networking among the professionals and institutions, advocacy, capacity building training, consultation services and research and dissemination are the major activities to attain the objectives. Since the establishment, Society is regularly involving on capacity building of the university youths, Gov staffs, individuals, and institutional professional staffs through the research, training, workshop and seminars. Regular publication of GISNepal (initially started as a news letter and now advancing to a form of academic journal), and books and research reports, training manual and feature articles are the major forms of dissemination. Hard copy and webpage are the main form of dissemination. Launching activities in association with other institutions and organizations, cooperation and building network among the local, national and international level is placing the Society in its own identity.

Membership

NEGISS welcome national and international GIS researchers, professionals and academics having domain knowledge of the field, our membership criteria is quite flexible. Generally, anyone having up to graduate level of academic qualification and at least 1 month's intensive training backed by at least 6 months of related professional experience on GIS and spatial data analysis technology is eligible for membership. Despite this, honorable member provides to those seniors having immense contribution on policy making and or academic contribution at national and international level.

Institutional members comprise those institutions from both the government and private sectors, which have some sort of GIS infrastructure in terms of material and human resources and are using or planning to use GIS technology.

GIS Capability and Laboratory Facilities

Society has its own office set up within the Women Development Training Center (WDTC) complex Jawlakhel with hardware and other peripherals.

Computer facilities

- Computer PC with GIS/Image processing software 15 sets
- Printer 3
- A1 Size Digitizing board 1
- LCD Projector

Office set-up

- Two office rooms
- GIS LAB
- Full time office secretary, Admin and Finance Assistance
- Four executive members are regular
- Latest communication set ups with internet, website, email
- Reliable power backup (Generator/power battery inverter) for all sets of PCs

Software with the courtesy of support organizations and collaborations

- ArcGIS 10x
- ArcView 3x
- Arc/INFO
- ERDAS
- ENVI
- Other Office software

Communications

Internet and website (www.negiss.org.np)

Documentations

More than 500 copies of books, GIS manual, user's guide, digital CDs of case studies, case study reports and journals are managed within the office of the Society. These resources are made available for free consultation and reading to students and individual by sitting within the office.

Project/Work completed

- Earth Quake Impact Mapping of Nepal, Supported by International Centre for Integrated Mountain Development (ICIMOD) Nepal, 2015
- Agriculture thematic Advanced Level Geographic Information Training for Directorate of Agriculture Extension, Government of Nepal Staffs, 2015
- Basic Level Geographic Information and GPS Training for Directorate of Agriculture Extension Division Staffs, 2014
- Mid Career Level GIS and GPS Training for DDC/Municipality Officials organized by LGCDP/MoFALD, Government of Nepal, 2013
- Basic and Advance Level Geographic Information and GPS Training for OXFAM GB and Partner Staffs, 2013
- GIS Map and Resource Database Preparation on Master Plan of Tourism Development and Management of Rukum District, funded by Nepal Tourism Board and Rukum DDC 2012.
- Compiled and Analysis small irrigation database funded by Directorate of Agriculture Extension (DAE), 2012
- Small Irrigation Sub-Project in Nepal, Funded by Directorate of Agriculture Extension (DAE), Ministry of Agriculture Development, GoV, Nepal 2012
- Capacity building on-the-job training to 7 member staffs of the Directorate of Agriculture Extension (DAE) 2011
- Written and published a book on" **Small Irrigation System in Nepal: An Analytical Preview from Agricultural Perspective of Batch I Irrigation Sub-projects under CMIASP.** (Krishna Poudel and Suresh Sharma). – Lalitpur: Directorate of Agriculture Extension, Government of Nepal, 79 pages
- Application of GIS in Local Level Planning, Taksar VDC, Syangja District 2011
- Collected and compiled information of Nepal GIS Users profile
- Prepared a research paper and published in 'Application of geographic information systems in village development plan of Taksar VDC, western Nepal. In Pushkar K Pradhan, Ján Buček and Eran Razin (Eds.) **Geography of Governance: Dynamics for Local Development.** Bratislava,: Geography International Geographical Union Commission on Geography of Governance. Pp.227-233.
- Nepal GIS Society and CREHPA, Nepal has completed a project on location maps of Comprehensive Abortion Centers (CAC) of Nepal, in 2009 – 2010
- GIS Users Survey 2010, funded by High Level Commission for Information Technology (HLCIT) Gov. of Nepal 2010
- Nepal GIS Society has successfully completed demand-based service to Netra Joyoti Sang, Nepal. The project was to prepare map of Eye Hospital and Ophthalmologist distribution in Nepal in 2008
- Social Mapping of Rapti District in Collaboration with Geomatics Nepal Pvt. Ltd in 2007

- Local Development Planning and GIS Mapping of Tanahun District , funded by PDDP/LGP Bridging phase, UNDP in 2003

Training Organized

Professional Level Training

Five week long (180hrs) Professional Level GIS training is one of the advance level training used to conduct by the Society with a view to develop high level GIS professionals within the country.

Calendar of the professional level training

- February- March 2008 Engineering Campus, Pulchowk
- March 1999 Department of Geology, Tri-Chandra Campus Kathmandu
- February-March 1998 at UDTC Pokhara Supported by MENRIS ICIMOD and Urban Development Training Center Pokhara

Mid-level career training in GIS

One week long (42 hrs) Mid-career level training organize twice in a year in the month of June-July and November. These trainings are within the annual calendar of the Society to celebrate Anniversary of Society in the month of June-July and International GIS day in the month of November.

In September 2012, Special training for university graduates supported by MENRIS, ICIMOD was organized. Altogether twenty students from Tribhuvan University, Kathmanfdu University, Pokhara University and Purvanchal University were participated in the training

Basic level training in GIS, GPS and RS

Every year, 4 to 5 basic level trainings conducted since the establishment of the Society in 1995. These trainings are either on the basis of individual demand or group demand.

Institutional level on-demand outreach training

Society has provided facility to institutional on-demand outreach training.

- February 2011 Basic GIS Training for the Local Development officials of Panchthar Ditric on demand of DDC Panchthar for the capacity building of the staffs of DDC and other sectoral agencies
- Week long training between 18-23 March 2012 was held at NPC. GIS professionals of National Planning secretariats and other technical officers of Ministry of Agriculture, Central Bureau of Statistics (CBS), Department of Survey and Ministry of Forestry were the participants.
- In February 2011, GIS training on demand to cover the needs of the Officials of the Directorate of Agriculture Extension, Pulchowk, Lalitpur was held at the GIS Lab of the Society in the month of April. Seven professionals of the Directorate were participated.

- July 31 to August 11, 2011,. Institutional Strengthening of Municipal Planning (ISMP) ADB TA 7355 – NEP Society had organized training eighteen participants including senior level technicians and section chiefs from eight Municipalities and DUDBC in ArcGIS 10
- From 01st to 06th August 2010 Society conducted training on Geographic Information System (GIS) and Global Positioning System (GPS) for District Road Support Programme / DRLIP RRRSDP/SWAP staffs from. Sixteen participants of the Programme working in different district office were participated. During the training actual project data collected by the district Engineers and field staffs were applied for
- November 15 to 20, 2009. Society conducted training and participats were from from DDCs Makawanpur, Parsa and Nawlparasi, Poverty Allivation Fund, Gyneswor, Kathmandu, DFID, Community Support Program, Nepalgunj, MIRA, and other different organizations.
- 2008 Higher Secondary School Teacher’s Training was organized with the funding support from ESA/ICIMOD. Twenty-four Higher Secondary Level teachers were participated in the training and given tutorial training on GIS and Image processing. The target was to disseminate the knowledge at school youths.

Publications

- Regular Publication of GIS News Letter “**GIS Nepal Volume I – XIII**, (since 1995 to present)
- Nepal GIS Society has published a book on ‘**Geographic Information Science and Technology; Building concept in Nepalese perspective**’ written by Dr. Krishna Poudel, 2010.
- **Geographic Information Systems in Local Development**, written by Dr. Krishna Poudel, 2011
- **Small Irrigation System in Nepal: An Analytical Preview from Agricultural Perspective of Batch I Irrigation Sub-projects under CMIASP.**’ Written by Dr. Krishna Poudel and Suresh Sharma, (Jointly contributed by Nepal GIS Society and Directorate of Agricultural Extension Office) Lalitpur: Directorate of Agriculture Extension, Government of Nepal, 79 pages

Workshops

Society regularly organize user’s level conference, workshop, and talk programme. Annual calendar for these events are Anniversary of the Society and International GIS Day. Despite these days talk programme are usually organized depends upon the availability of the professional scientist.

Contract Address

Nepal GIS Society

Women Development Trainnig Center, Jawalakhe, Lalitpur, Nepal

PO Box 7141, Kathmandu

Phone No. 977-1-5545525 (Office), Cell Phone 9841444145

Email: nepalgissociety@gamil.com , nepalgissociety@negiss.org.np

URL: www.negiss.org.np