



NSET marks 18th year of its mission



Dignitaries jointly unveiled the NSET publication 'NSET Information Kit'

Source: NSET

National Society for Earthquake Technology-Nepal (NSET) celebrated completion of 18 years of its institutional mission on June 18, 2011. To mark this precious occasion, a special function was organized at Community Earthquake Learning Center (CELC), Bhainsepati, Lalitpur where NSET headquarters reside. Nearly 250 distinguished invitees among from NSET partner organizations, various agencies, community representatives and also individual personalities joined with NSET Founder Members, Board Members and Staff to celebrate this edition.

NSET was officially registered at the District Administration Office, Kathmandu on April 28, 1994 and at the Social Welfare Council on August 10, 1998. However, NSET was conceptualized formally on 18th June 1993 and the day is observed annually so as to revisit year-long efforts of NSET and streamline further strategies of action toward promoting earthquake safety in Nepalese communities and the region. NSET's overall plans, programs and activities are aligned with its long term vision to make "Earthquake Safe Communities in Nepal by 2020".

On this auspicious occasion, Mr. Amod Mani Dixit, NSET General Secretary and Executive Director, in his statement mentioned, "although Building Code was prepared by the government during the 90's, there was a big question on how to reach people and implement the building

code. And NSET was conceptualized to bridge the government and the people, so as to enhance earthquake safety in Nepali communities." He affirmed that after NSET was established, 18 active and fruitful years have passed leaving behind a lot of encouraging experiences, lessons and memories which will guide and show the path for future.

Mr. Dixit in his statement expressed his sincere gratitude to Ministry of Home Affairs (MOHA), Ministry of Physical Planning and Works (MPPW), Ministry of Local Development (MOLD), Kathmandu Metropolitan City (KMC), Lalitpur Sub-Metropolitan City (LSMC) with whom NSET worked very closely; and also to USAID/OFDA, The World Bank, United Nations Development Programme (UNDP), European Commission Humanitarian Aid Department through DIPECHO Partners in Nepal who supported NSET efforts on Disaster Risk Management in Nepal.

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Special opening ceremony of "Earthquake Safety Museum" established at NSET/CELC premises

Senior personalities duo, Historian Prof. Dr. Dinesh Raj Pant and Child Litterateur Mr. Shanta Das Manandhar jointly unveiled the "Earthquake Safety Museum" established in the CELC premise at the later part of NSET Day celebration.

The earthquake awareness museum is conceptualized as a place to learn everything one may want to know about earthquakes. The idea is to collect and assemble the historical and scientific facts available for earthquakes on a continuous basis.

The museum established at CELC premise houses information regarding various dimensions of earthquakes. The Museum is believed to motivate visitors to take a sincere interest in, deliberate upon, and understand the importance of earthquake risk reduction.

Different sections in the museum so far comprise:

- The earthquake phenomenon, maps, images and photos showing the earthquake science, earthquake risk of the world and Nepal
- Historical record of earthquakes, photographs of historical earthquakes of Nepal – 1934, 1988 and others,
- Photo, Description about Earthquake Memorial Monuments of Nepal at Bhugol Park, Kathmandu, Mangal Bazaar, Lalitpur and 1988 earthquake Memorial Park, Dharan



Observing the earthquake safety museum

Source: NSET

- Photos of earthquake disasters around the world
- Earthquake Safety Promotion Campaigns
- Shake Table: An unique & powerful awareness tool
- Earthquake & Creative Minds- A collection
- Earthquake Safety Day: Mark of National Commitments

The Earthquake Awareness Museum is however now under development. It is hoped to serve not only providing the records from the history but also should it be to provide real time information and news on earthquakes as they occur.

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Training for Instructors (TFI) and Medical First Responder Instructors Workshop (MFRIW)– NEPAL

Nepal Police (NP) organized Training for Instructors (TFI) and Medical First Responder Instructors Workshop (MFRIW) under NSET / PEER Partial Funding Assistance Program during June 20-24, 2011 and June 26-30, 2011 respectively at National Police Academy (NPA), Maharjung, Kathmandu, Nepal.

A total number of 22 participants from Nepal Police, Nepal Army, Armed Police

Force, Nepal Red Cross and NSET attended TFI and MFRIW courses. All 22 participants successfully completed the courses to become qualified instructor for MFR course.

Mr. Thule Rai from Nepal Police served as course coordinator for both the courses. To maintain the standard of the course, NSET invited senior instructor from the Philippines to serve as course Monitor. Dr. Maria Felicita Camilo Regala from Fire National Training Institute (FNTI) served as course Monitor for both TFI and MFRIW.

After successful completion of this instructor development course for MFR, Nepal has 92 PEER qualified instructors for MFR course.

Database Management Training in Indonesia

NSET, in collaboration with the Badan Nasional Penanggulangan Bencana (BNPB) and Ambulan Gawat Daruat 118 organized PEER Database Management Training from June 16-17, 2011, in Jakarta, Indonesia. There were eight participants from different partnering institutions namely, Jakarta Fire Service, Badan Nasional



MFRIW participant being evaluated in cardiopulmonary resuscitation (CPR) skills

Source: NSET

Penanggulangan Bencana (BNPB), Ambulan Gawat Daruat 118 and BSARNAS. During the training, all participants had hands-on practice on accessing and updating their respective institution information.

After completion of this training, each partnering institution and nodal agency will be able to view the status of their instructors and responders as well as update required information in the database.



Participants practice their presentation skills during TFI, Nepal

Source: NSET

Continues 'NSET Marks 18th Years' ...

Also he added his thankfulness to NGOs/INGOs, CBOs and various communities in Nepal who continuously encouraged NSET to work with.

Mr. Surya Narayan Shrestha, NSET Deputy Executive Director stated that 18 years of continuous efforts of NSET and unflinching support from its partnering organizations have made possible to raise the awareness level of the community to some extent but there are still lot more challenges to spread the messages to the entire country and it needs a coordinated approach from all the stakeholders. Mr. Shrestha in his statement highlighted NSET's achievements towards Emergency Preparedness and Response. He further briefed about salient features of "Earthquake Safety Museum" recently established in the CELC premises.

Addressing the august gathering Mr. Shiva B. Pradhanang, NSET President

thanked all the agencies, civic groups and individuals for their untiring support to NSET mission and further requested for their continuous help and support towards making Nepal safe from earthquake risks.

On the occasion, Mr. Ashok Nath Upreti, Director General Department of Urban Development and Building Construction (DUDBC) appreciated the efforts of NSET and its assistance provide to DUDBC towards implementing Building Code. Mr. Bijay Bd. Mali, President, Disaster Management Committee –Ward 17 (DMC-17) highlighted the efforts of DMC-17 and Chhetrapati Free Clinic towards disaster risk reduction and thanked NSET for the supports rendered. Mr. Umesh Bahadur Malla, well wisher of NSET, congratulated NSET for its success and wished for further success in the direction of achieving its institutional vision. Mr. Jagdish Kharel, Media Person, Image Channel Television, highlighted

the role of media in spreading the message of earthquake preparedness and further expressed his willingness to support in enhancing the awareness level of the people.

While during the celebration, NSET President Mr. Shiva B. Pradhanang, Director General Mr. Ashok Nath Upreti and Renowned artist Mr. K.K Karmacharya jointly unveiled the NSET publication 'NSET Information Kit'. The "Information Kit" documents decade long efforts of NSET in building Nepal earthquake resilient. This bundles a glimpse of what and how NSET has implemented disaster risk management initiatives in Nepal and the region. The aim is to share the knowledge and experiences publicly and to get feedback and guidance for improving NSET endeavors in the days to come. This publication should also allow the public to judge NSET's work vis-a-vis its stated mission and vision statement.

NSET PARTICIPATION

NSET professionals Mr. Anjan Bhandari, Mr. Suresh Chaudhary and Ms. Omkala Khanal participated in the First Aid Training TOT organized Nepal Red Cross Society and support by American Red Cross in 20 – 27 May, 2011 at NRCS training Center, Banepa.

NSET professional Mr. Khadga Sen Oli and Ms. Niva Upreti attended the Training For Instructor (TFI) and Medical First Responder Instructor Workshop (MFRIW) organized by Program for Enhancement of Emergency Response (PEER) program under the partial support from USAID/OFDA, during June 19-30 at Nepal Police Academy, Maharajgunj.

SCHOOL EARTHQUAKE SAFETY PROGRAM (SESP) ACTIVITIES

Schools Safer Against Earthquake

SESP is one of the very effective ongoing programs of NSET which has demonstrated the technical, financial, political and social feasibilities of programs addressing reduction of structural, non-structural, and functional vulnerabilities of schools in Nepal. It aims for making schools safer against earthquakes by seismic strengthening of school buildings, by training school teachers, students and parents on earthquake safety and by

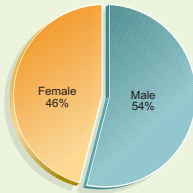
enhancing earthquake preparedness of schools. It also focuses on making communities safer by training local masons on safe construction practice.

SESP has reached to nearly 1600 schools in terms of raising awareness on earthquake safety and preparedness. Furthermore, about 44 schools building in different part of the country have been retrofitted or reconstructed.

Disaster Preparedness Activities in Schools

Continuing the effort in making schools students/teacher/parents aware on earthquake safety, following orientation and drills were conducted during the period: The total no. of participants for the orientation program is 519 including teacher, parents as well as students. Out of 519 participants 239 were female including girls, female teachers and parents.

Percentage of Male & Female Participation in Orientation on Earthquake Safety and Drill in 5 Schools



Orientation on earthquake safety to students & teachers Source: NSET

Structural Improvements in Schools

Adarsha Soula Yubak Higher Secondary School, at Sainbu VDC, Lalitpur Kathmandu is being assisted in incorporating the earthquake resistant elements in the new construction of the school building.

S.N	Activity	Date and Place	Types of Participants	No. of participants	
				Total	Girls/F
1.	Orientation on Eq. Safety and Drill to teachers & parents	2-Jun-11 International Play Group and Pre School, Dhobighat	Parents and Teachers	18	13
2.	Orientation on Eq. Safety and Drill to students & teachers	6-Jun-11 Bethel Youth Club, Gausala	Teachers and Students	77	30
3.	Orientation on Eq. Safety and Drill to students	12 & 13-Jun-11 Gloria School, Balkhu	Teachers and Students	96	40
4.	Orientation on Eq. Safety and Drill to students & teachers	17-Jun-11 Wendy House School, Baluwataar	Teachers and Students	91	36
5.	Orientation on Eq. Safety and Drill to students & teachers	22-Jun-11 Ullens School, Dhapakhel	Teachers and Students	237	120



Chief district officer, Nuwakot delivering his speech during district level DP orientation for government officers and VDC Secretary

Source: NSET

Disaster Preparedness for Safer School in Nepal (DPSS2)

Under the project Disaster Preparedness for Safer School in Nepal (DPSS2) launched in February 2011 various activities were conducted during the period April-June 2011. The activities conducted in this quarter were;

District Level Induction workshop in Rasuwa District: To sensitize local government and stakeholders on project goal, objective, activities and working procedure a district level induction workshop was conducted at Rasuwa district.

Selection of Schools: Altogether 55 schools (Bhaktapur 19, Nuwakot 19, Rasuwa 17) were selected to implement the project activities.

Baseline Survey: To collect the accurate information about situation of program implementing schools and communities, baseline surveys were carried out.

School Based Disaster Preparedness TOT (5 days): Under the Objective I: to Improve

Disaster Safety of Public Schools and Communities, a five day school based disaster preparedness training for trainers was conducted at Rasuwa district.

First Aid TOT (8 days): An eight day Training of Trainers (TOT) on First Aid was conducted from 20-27 May 2011 at NRCS National Training Centre, Banepa. Total 24 participants including five female participants were trained in the training.

Apart from these, various other activities were carried out such as the awareness and interaction program on disaster preparedness on the occasion of World Red Cross day; Disaster Preparedness orientation to government officials in three program districts, support provided to District Disaster Relief Committee to develop District Disaster Preparedness and Response Plan, support provided for District Junior/Youth Red Cross Seminar held in Nuwakot and other awareness raising activities.

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First Aid ToT Training, participant presenting for her evaluation

Source: NSET

Seismic Vulnerability Assessment of Buildings

Seismic vulnerability assessment of buildings possessed by various organizations that include the buildings of American Embassy, Swiss Embassy, Oxfam, UNDP, UNICEF etc. were carried out to determine the reliability of buildings in large earthquakes.

Engineers' Workshop on "Seismic Vulnerability Assessment of Existing Buildings"

Engineers' and Sub-engineers workshop on "Seismic Vulnerability Assessment of Existing Buildings" was conducted on 19-21 June at Agricultural Training Centre, Thimi, Bhaktapur. The program was organized by Department of Education, Government of Nepal and sponsored by Asian Development Bank. There were altogether 24 numbers of participants from Department of Education which include 2 from MRB & Associate. The overall objective of the training was to provide training to sub/civil engineers and structural engineers on seismic vulnerability assessment of existing buildings in Nepal. The training participants were able to learn the basic steps of seismic vulnerability assessment of a building and determine the probable performance of the building in large scale earthquake. The assessment methodology also helps in determining whether the building is within the acceptable limit of Life safety or needs demolition/ seismic strengthening of a building.

Engineers' Workshop on "Design on Seismic Retrofitting of Masonry Building"

Engineers Workshop on "Design on Seismic Retrofitting of Masonry Building" was conducted on 26-30 June at Hotel Elephant Head, Nagarkot. The program was organized by Department of Education, Government of Nepal and



Participants attending the engineers' workshop on Seismic Vulnerability Assessment of Existing Buildings



Source: NSET

sponsored by Asian Development Bank. There were altogether 30 numbers of participants from Department of Education which include 2 from MRB & Associate. The program objective was to share the basic concept of analysis and retrofit design of masonry buildings that are abundantly available in Nepal. The participants were able to learn the analysis and retrofit design of masonry buildings by manual method and similarly the construction process and technology of the most feasible retrofit method in Nepal. The participants also understood that more in-depth knowledge is required in software usage for analysis and design using any

structural engineering software such as SAP, ETABS etc.

Design Review of retrofitting of school buildings.

Fifteen Government School Buildings from Kathmandu Valley are in the process of seismic retrofitting by the Department of Education in this year. NSET professionals are supporting technically for seismic retrofitting design, training and construction supervision to the Department of Education with financial support from the Asian development Bank (ADB). Design review of retrofit design of those school buildings was carried out in this period.



Participants during engineers' workshop on 'Design on Seismic Retrofitting of Masonry Building' Source: NSET



Group photo session after training

Source: NSET

CONFERENCE / WORKSHOPS

(April - June 2011)

Month / Year	Conference/ Workshops	Venue	Participation
April	High level forum on "Mainstreaming Disaster Risk Reduction in Asia- Moving Faster from Policy to Practice" meeting with OFDA/USAID and meeting on Earthquake Response Planning for Nepal, 11-17 April	Washington DC, USA	Mr. Amod Dixit
May	Disaster Risk Reduction Training Course organized by UNDP/ Egypt, 22-26 May, Resource Person	Cairo, Egypt	Mr. Amod Dixit
May	1st Annual Regional Earthquake Response Seminar, 30 May-2 June 2011	Dhaka, Bangladesh	Mr. Surya Narayan Shrestha
June	GEM Outreach Meeting, 7-9 June	Beijing, China	Mr. Amod Dixit
June	TAC Meeting on Development of Practitioners Primer on Disaster Risk Management Practices in Asia, 13 - 14 June	Bangkok, Thailand	Mr. Amod Dixit

been proliferated in the recent past. In collaboration with Jagadamba Steels (P) Ltd., NSET has completed two-month long intensive media campaign to raise public awareness on earthquake safety. Under the collaboration, well set of PSA messages comprising basic information and knowledge on Earthquakes, Promoting Earthquake Safety, Earthquake Risk Reduction/Management, Preparedness, Policy Advocacies, and so on published on various national broadsheet



Vehicle for Earthquake Mobile Clinic

Daily newspapers and periodicals. Also couple of TV PSAs produced and aired from National Television channels.

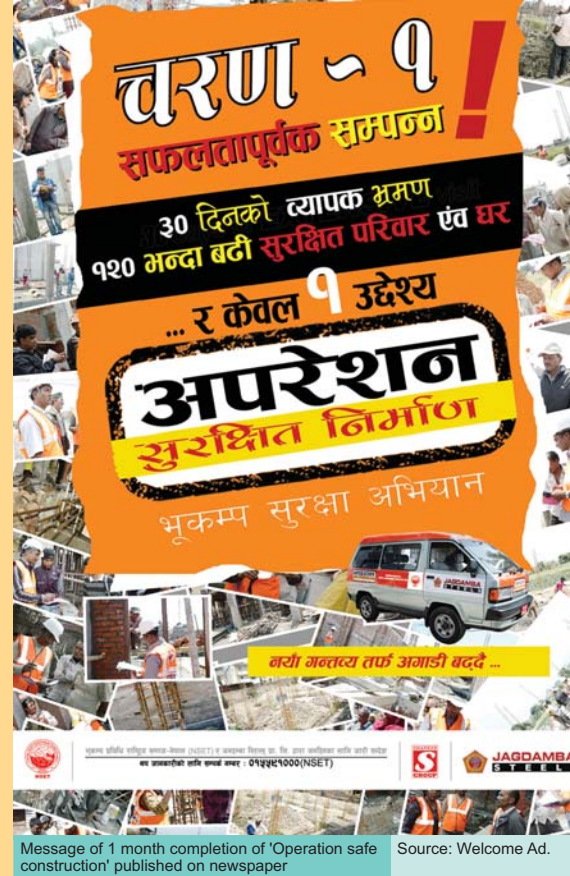
The collaborative efforts are now still continuing and will go for nearly a year.

Safe Home Campaign

NSET in collaboration with Jagadamba Steels conducted earthquake mobile clinics to provide onsite consultation to builders and house owners on earthquake-safe construction at various locations in and around Kathmandu. The clinics were conducted by a team of engineers, mason and supplemented by the flyers. The program had 12 earthquake mobile clinics covering 60 households in 3 districts of the valley.

earthquake safer construction aspects were also printed for public notice on different national daily papers spreading over two months. The program was first of its type as a collaborative effort and was found highly effective in promoting earthquake safer construction.

Source: Welcome Ad.



Message of 1 month completion of 'Operation safe construction' published on newspaper

Source: Welcome Ad.

Urban Risk Assessment (Urban Risk Atlas)

Urban risk assessment for 58 municipalities is planned to be carried out using the RADIUS and GIS tools. Different types of geological, geotechnical database provided by the Department of Mines and Geology, Nepal Building Code (NBC 1994) project and Municipal profile

(2008), are included in the tool. Three types of databases namely earthquake source database, geotechnical hazard database and vulnerability database are being used in characterizing the earthquake risk.

The final outcome of urban risk atlas of the municipality is the exposure database and GIS maps. Database covers the

characteristics of building structures, lifeline structures and the casualties' scenario of the inhabitants, and the geographical distribution of the exposure. The GIS maps show administrative boundaries, building footprint, public infrastructures (road, bridges, water supply, telecommunication, land use etc) and damage scenario.

ORIENTATION PROGRAMS

NSET has been assisting many institutions to help enhance their earthquake preparedness by conducting earthquake orientation programs and evacuation drill for their staff. Following programs were conducted during the period

April 2011: An orientation program on earthquake preparedness along with evacuation drill was conducted for the staff of Oxfam Nepal at the Oxfam office premise Lalitpur. There were altogether 34 participants present in the program.

April 2011: An orientation program on earthquake preparedness along with evacuation drill was conducted for the staff of Keller International (HKI), at the Keller office premise Chakupat, Lalitpur. There were altogether 28 participants present in the program.

April 2011: An orientation program on earthquake preparedness along with evacuation drill was conducted for the staff of Lutheran World Federation (LWF), office premise of LWF, Chundol,

Kathmandu. A total of 25 people participated the orientation program.

June 2011: An orientation program on earthquake preparedness along with evacuation drill was conducted for the staff of GIZ at the GIZ office premise Sanepa, Lalitpur. There were altogether 45 participants present in the program

June 2011: An orientation program on earthquake preparedness was conducted for the senior staff of Helvetas Nepal, at the Helvetas office premise Jhamshikhel, Lalitpur. Further to this another orientation program followed by evacuation drill was conducted

June 2011: An orientation program on earthquake preparedness along with evacuation drill was conducted for the staff of International IDEA, at the IDEA office premise Jhamshikhel, Lalitpur.

June 2011: Around 100 members of RYALA/Rotary got oriented on earthquake preparedness and risk reduction measures.

June 2011: An orientation program on earthquake preparedness along with evacuation drill was conducted for the staff of UK visa section (VFS, Global) at the Visa section premise, Nagpokhari, Kathmandu Nepal. There were altogether 24 participants present in the program.

June 2011: An orientation program on earthquake preparedness along with evacuation drill was conducted for the staff of Enabling State Programme (ESP), Kathmandu Nepal. There were altogether 40 participants present in the program.

June 2011: A number of orientation program on earthquake preparedness were conducted for the staff of BBC World Trust, Fida International, Bisal Milan Kendra during the month of June 2011.

June 2011: Around 52 Armed Police Force Personnel were oriented on earthquake risk and preparedness measures during their Disaster Preparedness and Response Training.

Masons training on Earthquake Resistant Building Construction

In order to support Vyas municipality for Building Code Implementation and to enhance the capacity of local masons and municipality professionals, a 5 days Masons training on Earthquake Resistant Building Construction was conducted for the masons of the Vyas municipality at Damauli, Tanahau during 11-15 June 2011. Altogether 30 masons got trained on earthquake resistant construction. The training was organized by Vyas municipality and NSET provided the technical assistance.



Participants attending the theoretical session Source: NSET



During the practical session Source: NSET

WORLD FORUM Disaster Reduction Hyperbase

Many disaster reduction techniques exist in the world; many of them are applied only locally or within specific contexts; some of them may even be known to local people only. On the other hand, a disaster reduction techniques can be orally delivered, for example, as a teaching technique, or it can typically be a construction to be placed somewhere in a preventive way. Apparently very little effort has been done to build a register of those disaster reduction techniques worldwide thus providing an overview of what is available, including all aspects of good practice, applicability and usability.

Therefore the DRH initiative which aims at providing sufficient information on any kind of disaster reduction practices in order to help mitigating the effects of natural disasters was initiated. The DRH aims at placing well-acknowledged good practices in a context allowing to further judge and publicize them from various perspectives.

DRH-Asia is a facility disseminating disaster reduction technology and knowledge. It has been designed for potential use by policy makers, community leaders, practitioners, and motivated researchers who wish to make access to appropriate technical know-how's that can help them establish practical disaster management plans.

The DRH offers open and interactive access and participation. Its major components consist of DRH Database (Find technologies), DRH Forum (Propose a technology ; Discuss technologies), and DRH Links (DRH partners). It also provides DRH Project (DRH Project activities) allowing access to all records of the DRH Project (Phase I: April 2005-March 2006, Phase II: July 2006-March 2009 / major sponsor: MEXT). While DRH-Asia is focused on

Asian context, it is ready to accommodate contributions from other regions to enhance cross-regional collaboration.

The DRH was developed in an effort for implementation of the Hyogo Framework for Actions 2005-2015 adopted at WCDR (World Conference on Disaster Reduction 2005), specifically as a component of "Portfolio for disaster reduction" proposed by the government of Japan. National Research Institute for Earth Science and Disaster Reduction, Japan (NIED) served as a lead institution in close collaboration with UN-ISDR, Ministry of Education, Culture, Sport, Science and Technology, Japan (MEXT), Cabinet Office, Japan(CAO), Kyoto University, Japan(KU), Beijing Normal University, China (BNU), National Society for Earthquake Technology, Nepal (NSET), Sustainable Environment and Ecological Development Society, India(SEEDS), International Institute for Earthquake Engineering and Seismology, Iran (IIEES), Asian Disaster Reduction Center, Kobe(ADRC), and other



Web link of DRH Source: <http://drh.edm.bosai.go.jp>

institutions constituting an active multilateral team.

Launched as a Japanese action for implementing the Hyogo Framework for Action 2005 - 2015 "Building on the resilience of nations and communities to disasters", the ultimate goal of this project is to realize a global web-based facility capable of disseminating disaster reduction technologies with a solid notion of implementation strategies. Special emphasis is given to practices which will help developing countries to increase their disaster reduction capabilities.

NEW MEMBERS OF NSET

Mr. Kanji Murakami
Senior JICA Volunteer



Mr. Taizo Nakatai
Senior JICA Volunteer



NSET NEWSLETTER

QUAKE MONITOR (International)

Year	Magnitude	Location	Remark
03/04/11	6.7	South of Java, Indonesia	No reports of damage or casualties
07/04/11	6.5	Veracruz, Mexico	No reports of damage or casualties
07/04/11	7.1	Near the East coast of Honshu Japan	At least three dead, 140 people injured and power disrupted in northeastern Honshu.
11/04/11	6.6	Eastern Honshu, Japan	No reports of damage or casualties
23/04/11	6.9	Solomon Island	No reports of damage or casualties
10/05/11	6.8	Loyalty Islands	No reports of damage or casualties
11/05/11	5.1	Spain	At least ten people killed and dozens injured in the Lorca area
13/06/11	6.0	South Island of New Zealand	No reports of damage or casualties
24/06/11	7.2	Fox Islands, Alaska	No reports of damage or casualties

Source: USGS

FOR TIPS ON EARTHQUAKE RISK MITIGATION TUNE IN TO...

Radio Sagarmatha (FM 102.4) at 7.30 PM, Tuesday
Radio Annapurna (FM 91.8) at 7.30 AM, Wednesday

WATCH ...

Nepal Television every Saturday 8:25 am
"Bhukampa Bishesh" section on Janachaso Program
Image Channel Television every Saturday 8:30pm
"Talk of the Town" weekly program

o o o o

Think about making your home Earthquake-Resistant

Attend our House Owners Consultation Program
"Every Friday: 2-5pm"

FRIDAY FREE EARTHQUAKE CLINIC

at NSET Office

What is "Household Emergency Kit"?

Emergency Kit for Household is a box/container that contains the Tools, Equipment and Accessories (TEA) to be used during emergency at household level. All the family members should be aware of it, and at least the adults should know how to operate the TEAs kept inside the Kit. The items recommended for this kit are only for light search and rescue. Hence other survival items for emergency e.g. medical, food and clothing etc., are recommended to keep in individual earthquake "93Go Bag"⁹⁴.



Where should we keep it?

The best location for kit is within the building compound, in a safe location and accessible to all family members.

What should it contain?

We cannot put everything in the kit, however we can prioritize the items those are very important during and after an earthquake to operate light search and rescue within the family.

PROFILE

Mr. Gopi Krishna Basyal

Geographer/Urban Planner

National Society for Earthquake Technology-Nepal (NSET)



Mr. Gopi Krishna Basyal has been working as Geographer and GIS expert at NSET. He has been working in the areas of Geo-Spatial Analysis, Hazard Mapping, Risk Assessment, Remote Sensing and various DRR related tasks like Disaster Database Management; Community Based Disaster Risk Management, Earthquake Risk & Vulnerability Assessment Studies, Awareness Raising, Training & Capacity Building and others.

He joined NSET in December 2004 in the capacity of Project Manager for "Disaster Inventory/Information Management System (DIMS) in Nepal" project implemented by NSET with the funding support from UNDP. This methodological tool has helped maintain a consistent and sound database on the historical disasters of Nepal with details on the event and impacts since 1971.

Mr. Basyal also coordinated the project "Community Based Disaster Management Program in Kathmandu Valley (CBDMP-K)" implemented by NSET in Lalitpur Sub-Metropolitan City with funding support from Oxfam GB, Nepal. Mr. Basyal is also a core team member for CBDRMN project of NSET being implemented with the support from Lutheran World Relief (LWR).

Mr. Basyal was one of the key contributors to prepare Nepal Country Report for the work of ISDR Global Assessment Report on Poverty and Disaster Risk 2009 (GAR2009) - the first research to analyse the linkage between disaster and poverty, based on qualitative and quantitative logic to explore the details of the relationship.

Mr. Basyal has facilitated number of trainings programs and served as resource person in several Disaster related events in Nepal and abroad. He had rendered his expertise to develop Disaster Inventory Database in Armenia as a part of UNDP technical support. He is a trained graduate on Medical First Responder (MFR) and Collapsed Structure Search and Rescue (CSSR) courses and also has done Training for Instructors (TFI) under PEER program being implemented by NSET with support from USAID/OFDA. Mr. Basyal is involved also in imparting knowledge to university students and guiding their research works.

Prior to joining NSET, he had worked as GIS expert at Central Department of Geography-TU, ISS Nepal. He had an opportunity to enrich his knowledge while doing internship in WWF-Nepal.

Mr. Basyal is trained GIS professional who holds Masters Degree in Geography. His further study was on Geo-hazards.

FOR MORE INFORMATION ON

Earthquakes and NSET's efforts towards earthquake risk reduction log on to www.nset.org.np



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