



September 18, 2011 What was felt in Kathmandu

Building damaged by Himalayan Earthquake 2011

Source: Web media

On 18:25 NST (12:40 UTC) on Sunday, September 18, 2011 as everyone was rushing to reach their homes, suddenly the ground began to oscillate as if it was placed in a swing. People began to run here and there without knowing what to do. Buildings were shaking and the electric poles were dancing in the air. And in panic many people jumped out of windows. The Home Ministry stated that at least 60 people in the Capital were injured in stampedes while jumping off buildings. The cell phone network was immediately overwhelmed. Phone lines got jammed right after the earthquake as people kept desperately trying to call their family members, causing network congestion

Pre-planning is the key, especially for disasters that we know are coming. There wasn't much of that in evidence on Sunday night. On Sunday, it was only a

tremor in Kathmandu yet there was confusion and panic.

This was the scene of Kathmandu, the capital city of Nepal on that particular day. This was, in fact a magnitude 6.9 richter scale earthquake centered within the Kanchenjunga Conservation Area, near the border of Nepal and the Indian state of Sikkim. The epicenter was between Taplejung, eastern Nepal, and the Indian state of Sikkim, where 14 aftershocks of varying magnitudes were recorded in the wake. According to USGS, the depth of the earthquake was 19.7 km (12.2 miles) with an uncertainty

of horizontal +/- 13.5 km (8.4 miles); vertical +/- 3.5 km (2.2 miles). Tremors were felt across Nepal, northeastern India, Bhutan, Bangladesh and southern Tibet. Initial analysis suggests the earthquake was complex, likely a result of two events occurring close together in time at depths of approximately 20 km beneath the Earth's surface. The broad convergence between these two plates has resulted in the uplift of the Himalayas, the world's tallest mountain range. Although earthquakes in this region are usually interplate in nature, preliminary data suggests the Nepal-Sikkim earthquake was triggered by shallow strike-slip faulting from an intraplate source within the over-riding Eurasian Plate. Located at a shallow depth beneath the surface, the earthquake caused strong shaking in many areas adjacent to its epicenter reportedly lasting 30-40 seconds.

At least 94 people killed, several injured and 5,000 displaced and several thousand buildings and many roads and bridges destroyed or damaged in the Sikkim-Bihar-West Bengal area; 6 people killed and 25 injured and at least 4,300 buildings destroyed or damaged in Bhojpur, Ilam, Panchthar, Sankhuwasabha and other parts of Nepal; 7 people killed and 136 injured in Tibet, China; 1 person killed and 16 injured and at least 6,000 buildings damaged in the Paro-Thimphu region, Bhutan; minor damage to several buildings in Dhaka, Bangladesh. Total economic loss only in India estimated at 22.3 billion US dollars. Total losses and costs for reconstruction in eastern Nepal are yet to come.

Communities towards Disaster Risk Management

NSET has been supporting in enhancing disaster safety of the selected communities through awareness campaigns, trainings and institutionalization of the method in the local governance system as CBDRM programs.

One of such CBDRM programs with support from Lutheran World Relief (LWR) was initiated in June 2010 in 3 communities. There are several awareness and training programs including the

formulation of Disaster Risk Reduction Plan for the community. The program is being conducted by the local Disaster Risk Management Committees with the technical support and facilitation from NSET. The main objective of the program is to institutionalize disaster risk reduction at the community level and build capacity on hazard, vulnerability capacity assessment along with formulation of DRR initiatives and implement them.

... Continued to page 6

:: In This Issue

PEER Activities	2
SESP Activities	3
EERT Activities	5
Orientation program	6
World Forum	7

Bangladesh add new MFR and CSSR instructors

As the third program year of PEER Stage 3 ushered in, Bangladesh concluded series of PEER instructors' development courses, increasing the pool of qualified Medical First Responder (MFR) and Collapsed Structure Search and Rescue (CSSR) instructors for national and regional level.

The series of instructors' courses started with the Training for Instructors (TFI), a generic course for instructors highlighting the basics of preparing for a training, such as writing the lesson plan, use of audio/visual aids, course coordination, communication and platform skills, classroom management, testing and evaluation. TFI is followed by MFR Instructors Workshop (MFRIW), which focuses on specific skills from the PEER MFR Course. Similarly, the CSSR Instructors Workshop (CSSRIW) provides the trainees with necessary skills for managing a CSSR course.

With this outstanding achievement from the instructors' development courses, Bangladesh has a total of 58 MFR instructors and 57 CSSR instructors at present, qualified to facilitate MFR and CSSR courses in Bangladesh and in the region. These series of courses were conducted at FSCD Training Complex, Mirpur, Dhaka, Bangladesh.

These courses in Bangladesh were supported by NSET through PEER Partial Funding Assistance Program (PFAP) and cost-sharing from respective training institutes and partnering organizations.

PEER Database Management Training in Pakistan

NSET organized PEER Database Management Training (DBMT) in Pakistan during September 6-7, 2011 at Emergency Services Academy (ESA) in Lahore. The training was accomplished in partnership with the National Disaster Management Authority (NDMA), PEER nodal agency

PEER database is currently managed by NSET, and can be accessed online by PEER partners. NSET and ADPC are working towards a unified PEER database for MFR, CSSR, HOPE and CADRE.

PEER Country Planning Meeting in India

The National Disaster Management Authority (NDMA)-Government of India hosted the conduct of PEER Country Planning Meeting (CPM) in New Delhi on



During the PEER country planning meeting in India

Source: NSET



Practical presentations on CSSR skills

Source: NSET



During Database Management Training

Source: NSET

August 4, 2011. The meeting highlighted the launching of Community Action for Disaster Response (CADRE) and Hospital Preparedness for Emergencies (HOPE) in India. Planned activities for MFR and CSSR courses were also laid out during this meeting.

Partner organizations for HOPE and CADRE actively expressed their commitment in starting the courses soon in India. Emergency Medical Relief (EMR) is the focal organization for HOPE in India; and National Disaster Response Force (NDRF), a partnering organization for MFR and CSSR courses, will also be implementing CADRE in the country.

Meeting discussions were further enriched by program partners in India, namely, Ministry of Home Affairs (PEER nodal agency in India), NDMA, NDRF, EMR, the four central paramilitary forces - Border Security Force (BSF), Central Industrial Security Force (CISF), Central Reserve Police Force (CRPF), and Indo-Tibetan Border Police Force (ITBP). The Asian Disaster Preparedness Center (ADPC), NSET and USAID/OFDA were very pleased with the meeting outcomes and affirmed the success of this planning meeting.

Fire Service and Civil Defense (FSCD), Bangladesh organized one full set of instructors development courses, namely, TFI (July 10-14, 2011), MFRIW (July 17-21, 2011) and CSSRIW (July 25-31, 2011).

A total of 28 FSCD participants completed the TFI; and the 24 most potential instructors from this course joined MFRIW.

All participants had shown their performance above average level and proved that they qualify to teach MFR course maintaining the program standards. This is the first time that FSCD achieved a 100% success rate in MFRIW. The same set of 24 participants from MFRIW joined the CSSRIW. Twenty-three participants successfully completed the course.

in Pakistan, and Punjab Emergency Services (PES), PEER partner organization. Representatives from NDMA and PES participated in the training.

All participants had hands-on sessions on PEER Database Management System and accessed information about PEER graduates, instructors, focal points and institutions in implementing countries (Bangladesh, Indonesia, India, Nepal, Pakistan and the Philippines). Need for a national database system inclusive of DRR trainings and trained professionals; and develop a system of sharing among the stakeholders were the main discussion points during the sessions.

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.

The following activities were carried out during the period.

Structural Improvements in Schools

NSET has been providing technical assistance to Adarsha Saula Yubak Higher Secondary School, Sainbu, Lalitpur for making the school building school safer

from earthquake. NSET assistance to the school covers detail design, quality assurance and construction management required for making the school safer. The construction of the two storey RCC framed structure school building was started in March 2011 and approximately 50% of the construction work has been completed.

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:

S.N.	Activity	Date and Place	Types of Participants	No. of participants		
				Resource Persons	Mason	Teacher
1	Training for Trainer on Earthquake Preparedness in Schools.	15-19 Aug 2011, Nagarkot, Nepal	Resource Persons	32	-	-
2	On the Job Training for Mason working on School Building Retrofitting Work	8 Sep 2011 Ganesh Secondary School, Nagades, Thimi	Mason & Teacher		8	4
3	On the Job Training for Mason working on School Building Retrofitting Work	8 Sep 2011 Adarsha Higher Secondary School, Madaypur Thimi-12, Laiku	Mason & Teacher		10	8
4	On the Job Training for Mason working on School Building Retrofitting Work	14 Sep 2011, Shree Balmiki Lower Secondary School, Bageswori, Gurungtar, Bhaktapur	Mason & Teacher		12	6
5	On the Job Training for Mason working on School Building Retrofitting Work	15 Sep 2011, Chundevi Secondary School, Thankot, Kathmandu	Mason & Teacher		6	2
6	On the Job Training for Mason working on School Building Retrofitting Work	19 Sep 2011, Shree Kanya Secondary School, Taykhapukhu, Bhaktapur	Mason & Teacher		10	2
Total				32	52	24



Participants involved in group work during TOT on Earthquake Preparedness in Schools

Source: NSET



During TOT on Earthquake Preparedness in Schools

Source: NSET

Assist Institutionalization of SESP

As long term vision of institutionalization of earthquake preparedness in schools, NSET in association with UNICEF provided assistance to the Department of Education for the development of Training

Manuals for 5 days Training for trainers and 3 days teachers training. The Department of Education and District Education Offices (DEOs) have been implementing teachers training and school drills in 360 Schools of the valley mobilizing the trained personals. The Department of

Education has owned the program and prepared plans for covering all the schools of the valley in the coming three years. NSET will be providing required technical assistance and monitoring the outcome of the program implemented by the DEOs.



NSET ACTIVITIES

Training for Trainers (TOT) program on Earthquake Preparedness in Schools

NSET with financial support from UNICEF and in collaboration with the Department of Education (DOE), Government of Nepal conducted a five day TOT program to the resource persons of the District Education Office of Kathmandu, Lalitpur and Bhaktapur Districts during 15-19 Aug 2011 at the



During TOT on Earthquake Preparedness in Schools Source: NSET

retrofitting sites of the Valley in association with Department of Education, District Education Office and ADB. Five such programs were carried out during the period at various places. A total of 52 local masons from 15 school community have been trained in seismic retrofitting of masonry buildings. Since this is on the job training, other topics are to be covered as the retrofitting work progresses.

Earthquake Orientation Program for National Network of Women for Community Resilience (NNWCR)

NSET is a member of recently formed network named National Network of Women for Community Resilience – Nepal, a national network of 7 NGOs of diverse expertise to reach to the most vulnerable communities by engaging grass root women leaders across the county on three main areas of disaster management- awareness, coordination and capacity building of women in making the comm-unity resilience from disasters. Apart from the member organizations, it is also supported by HUIAIROU Commission and GROOTS International. NSET also intends to implement disaster risk reduction programs through this national network.



During TOT on Earthquake Preparedness in Schools Source: NSET



During TOT on Earthquake Preparedness in Schools Source: NSET

District Education Office in Nagarkot. A total of 24 participants successfully completed the course.

The training was organized with an objective to develop set of master trainers on earthquake preparedness who will be capable of conducting training to teachers on school earthquake preparedness.

The participants were made capable of organizing 3 days teachers training in schools and monitoring of the training programs conducted by the trained

teachers. The trainers have been mobilized to different resource centers for conducting 3 days teachers training and till now they have been able to train 720 school teachers from 360 schools of the Kathmandu Valley through 24 sets of training programs.

On the Job Training to Local Masons

On the job training to the local masons on earthquake resistant construction of buildings and seismic retrofitting of buildings is being conducted for 15 school

An earthquake orientation program for the members of the management committee and focal persons of NNGWCR was conducted on September 23 in Pokhara. Altogether 18 women of the network got oriented on earthquake safety.



Local masons acquiring the skills on earthquake-resistance construction during on the job training



Source: NSET

NSET PARTICIPATION

NSET professional Mr. Ganesh Jimee participated in Nepal Disaster Response Exercise organized by Ministry of Home Affairs (MOHA) in collaboration with the United States Government held at Hotel Radisson, Lazimpat, Kathmandu during 2-4 August, 2011.

NSET professionals Mr. Chandan Dhoj Rana Magar and Mr. Sandeep Pandey participated in the 4 day Community Light Search and Rescue (LSAR) held during 9-12 August 2011 at Alapot VDC. The training was organized by Alapot Disaster Risk Management Committee in association with NSET and with financial support from Lutheran World Relief.

NSET professionals Mr. Dev Kumar Maharjan, Mr. Puspaa Panthi and Mr. Milan Gurung participated in the 4 day Community Light Search and Rescue (LSAR) held during 31 Aug-03 Sep 2011 at Nardevi, Kathmandu. The training was organized by Ward Level Disaster Risk Management Committee KMC 18 in association with NSET and with financial support from Lutheran World Relief.

NSET professional Mr. Ganesh Jimee participated in a program on Disaster Response Exercise and Exchange conducted by Nepalese Army and U.S. Army Pacific Program in Nepal Army Headquarters, Bhadrakali, Kathmandu during 18-21 September 2011.

Similarly NSET professionals Mr. Nischal Sedhain, Mr. Nimesh Adhikari and Ms. Manisha Pantha participated in the 4 day Community Light Search and Rescue (LSAR) held during 19-22 September 2011 at Madan Smarik Higher Secondary School, Pulchok, Lalitpur. The training was organized by Ward Level Disaster Risk Management Committee LSMC 12 in association with NSET and with financial support from Lutheran World Relief.

NSET professional Mr. Ganesh Jimee attended an Advanced Disaster Planning Course conducted by Defense Institute for Medical Operations, United States and Nepal Army at Nepal Army Head Quarter Bhadrakali, Kathmandu during 20-24 September 2011.

NSET in association with ADPC is assisting UNDP for "Support Quality and Implementation of Nepal National Building Code (NBC)" in five municipalities of Kathmandu Valley, one of the three areas under Comprehensive Disaster Risk Management Program (CDRMP), a project formulated in accordance with the Nepal Risk Reduction Consortium (NRRRC), that aims to strengthen the institutional and legislative aspects of disaster risk management (DRM) in Nepal.

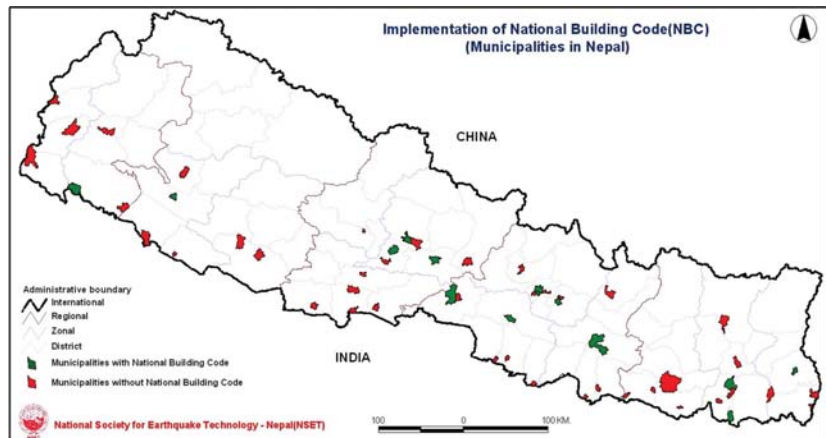
The overall objective of the program is to support quality and implementation of Nepal National Building Code (NBC). Its specific objectives are;

- Support Ministry of Physical Planning and Works (MPPW) and pilot municipalities to prepare replication strategy for awareness-raising on Nepal NBCs implementation
- Develop a public private partnership strategy (with building material suppliers, manufacturers, banks, insurance industry etc) for awareness raising on EQ safe practices
- Support MPPW to formulate action plan and to activate the National Committee to upgrade and implement NBC
- Develop a building code implementation guidelines and regulatory mechanism for five municipalities of KV and integrate NBC stipulations into building production process
- Validate and finalize existing curricula for masons and engineers trainings on earthquake resistant construction technology as Standard National Curricula through conducting test courses

Implementation of Nepal National Building Code in all municipalities and urbanizing areas of Nepal is very important. Many governmental and non-governmental organizations have implemented several program/projects towards safer building construction. Despite continuous efforts, only few municipalities have formally started the implementation of building code. The figure shows the municipalities in Nepal which have started implementing building code, the municipalities that have put some efforts towards implementing building code and the others which still have to start the process. A consolidated approach in the form of strategy on implementing Nepal National Building Code is one of the priorities and an acute need of the country.

Seismic vulnerability assessment and retrofit design of buildings

Seismic vulnerability assessment of total of 16 buildings possessed by various organizations that include the buildings



Status of Implementation of Nepal National Building Code in Different Municipalities (2010) Source: NSET

of American Embassy, Swiss Embassy, Oxfam, UNICEF, IDEA International etc. were carried out to determine the reliability of buildings in large earthquakes. Similarly, retrofit design of 2 buildings of US Embassy staff residences was done and implementation of which was also accomplished at site recently.

Technical assistance to hospital earthquake safety program (HESP)

NSET is providing technical support under the contract agreement between NSET, Oxfam GB-Nepal and Merlin International for structural and non-structural vulnerability assessment, preparation of emergency response plans, implementation of general non-structural mitigation measures like fixing of equipments and contents for five selected health institutions of Kathmandu Valley (3 Hospitals and 2 rehabilitation centers). Series of meetings with partner organizations was conducted to clarify roles and responsibilities of different organizations. A number of site visits carried on by NSET at Tribhuvan University Teaching Hospital (TUTH) with Oxfam GB-Nepal in order to improve and ensure independent water supply system and strengthen WASH emergency response plan as part of supporting water system strengthening and repositioning for contingency water system in one of the hospitals under DIPECHO support.

Non-structural mitigation in EERT Division

Non-structural mitigation was accomplished in EERT Division using quantitative method of analysis and design.

Though non-structural risk reduction measures are not included in Nepal National Building Code, other relevant documents, codal provisions and standard manuals and guidelines for non-structural mitigation were referred for the design of anchor bolts and brackets etc. The same can be replicated to other divisions of NSET as well using the same methodology.

Support/Guidance to college students

A group of students of BE level from Kantipur Engineering College were supervised and guided for their project. The study was focused on comparing design details as outlined in NBC 205 with analysis and design requirements of the current Indian standard for highest seismic zone V. The project outcome demands the necessity of code revision when there is realization to upgrade the NBC code by various concerned stakeholders.

Awareness raising, consultations and orientation programs

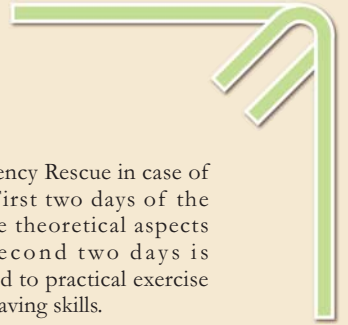
EERT division provided consultancy services for potential builders, house owners on EQ resistant technology and EQ preparedness on a regular basis. Similarly few buildings under construction in Maharajgunj area were visited and suggestions made regarding possible improvement at site for seismic safety of the buildings on request from US Embassy. Likewise, various orientation programs were conducted on "Earthquake Hazard and Risk Reduction in Nepal" as part of NSET regular activities.



Non-structural Mitigation: Wooden straps in book rack Source: NSET



Non-structural Mitigation: Anchor bolts fixing book rack to RC floor below Source: NSET



Continues 'Communities towards ...'

The activities carried out during the period are given in the table below.

This training program is aimed at the general community members within the community where a ward level Disaster

Risk Management Committee (DRMC) is formed. The trained persons will work as volunteers for emergency response under the DRMC. The course covers non structural earthquake risk assessment and mitigation. It also covers the practical

aspects of Emergency Rescue in case of an emergency. First two days of the course covers the theoretical aspects where as the second two days is completely devoted to practical exercise including the live saving skills.

S.N.	Date	Organization & Address	Program	No. of participants		
				Male	Female	Total
1	19-22 Oct. 2011	Ward Level Disaster Risk Management Committee LSMC 12 in Association with NSET and financial support from LWR, Pulchok, Lalitpur	4 days Community Light Search and Rescue	22	10	32
2	31 Aug.– 03 Sept 2011	Ward Level Disaster Risk Management Committee KMC 18 in Association with NSET and financial support from LWR, Kathmandu Ward 18	4 days Community Light Search and Rescue	24	12	36
3	9-12 Aug. 2011	Ward Level Disaster Risk Management Committee Alapot in Association with NSET and financial support from LWR, Alapot VDC, Kathmandu	4 days Community Light Search and Rescue	20	6	26
Total				66	28	94



Community members getting the practical knowledge on Light Search and Rescue



Source: NSET

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

July 2011: An orientation program on earthquake preparedness was conducted for the members of RYLA Rotary Club. There were altogether 150 participants present in the program.

July 2011: An orientation program on earthquake preparedness was conducted for the staff of ICIMOD at ICIMOD office premise Khumaltar, Lalitpur. There were altogether 90 participants present in the program. The program was followed by an earthquake evacuation drill held later in the month of August.

July 2011: An orientation program on earthquake preparedness along with an

evacuation drill was conducted for the staff of Nepal Family Health Program II, at their office premise, Patandhoka, Lalitpur. A total of 86 people participated the orientation/drill program.

July 2011: An orientation program on earthquake preparedness was conducted for the staff and members of Panchayan Mahila Bachat Tatha Rin Sahakari. There were altogether 45 participants present in the program

August 2011: An orientation program on earthquake preparedness was conducted for the students and teachers of SOS Children's Village, Kavre. There were altogether 48 participants in the program.

September 2011: An orientation program on earthquake preparedness along with evacuation drill was conducted for the staff of GIZ, Nepalgunj at their Nepalgunj field office.

September 2011: An orientation program on earthquake preparedness along with evacuation drill was conducted for the staff of Soul Himal Umbrella

- Upon request from Vyas Municipality Office, NSET provided technical assistance for conducting a one day Interaction/Orientation program on Building Code Implementation and earthquake risk reduction organized by Vyas Municipality for its municipality dwellers on 20 September 2011.
- Upon request from Soul Himal Foundation, NSET conducted a one day Light Search and Rescue (LSAR) basics training program on 23 September 2011 for the participants from Soul Himal Umbrella Foundation. Altogether thirty participants were trained on LSAR basics.

Civil Society Taskforce launched at IAP meeting

The ISDR partnership (IAP) meeting was held in Jakarta on March 2011. Interested civil society partners had been contacted before the meeting with a draft agenda and terms of reference of a Civil Society Task Force under the IAP. Encouraged by the positive response the first meeting of the Task Force was held on the sidelines of the IAP meeting where terms of reference and the immediate next steps were discussed.

Rationale behind the Task Force

The IAP is a platform that includes national governments, multilateral agencies, national and international

NGOs, networks and other regional agencies working in Asia. This year, roughly mid-way through the HFA, we still have a long way to go in reaching its goals, particularly at the local level. Additionally, progress has been challenged by climate change impacts, conflict, catastrophic events and a lack of follow-through on political commitments.

A civil society task force can proactively engage with the IAP to facilitate and/or provide a mechanism to track commitments and identify gaps in progress. It is well positioned to raise the voice of communities at a regional and

international level. The CSO Task Force will work within the IAP, as an inter-agency coordination mechanism to support the ISDR office.

Its main objectives would be:

- To work as civil society regional constructive monitoring mechanism for progress made on commitments
- To amplify views of at risk communities on emerging challenges in relation to DRR and CCA
- Promote investments at local level in Asia to ensure effective and sustainable change

CONFERENCE/WORKSHOPS

(July-September 2011)

Month / Year	Conference/ Workshops	Venue	Participation
September	ADRRN Exco Meeting , 1-2 September	New Delhi, India	Mr. Amod Dixit

NEW MEMBERS OF NSET



Mr. Damber Shrestha

Driver



Mr. Nimesh Adhikari

Media Coordinator



Ms. Samjhana Sharma

Civil Engineer



Mr. Sandeep Pandey

Civil Engineer



Mr. Puspa Raj Panthi

Civil Engineer



Mr. Bimal Thapa

Civil Engineer



Ms. Manisha Pantha

Staff Nurse

QUAKE MONITOR (International)

Year	Magnitude	Location	Remark
06/07/11	7.6	Karnadec Island Region	No reports of damage or casualties
10/07/11	7.0	Off the East coast of Honshu Japan	No reports of damage or casualties
19/07/11	6.1	Kyrgyzstan	At least 13 people killed, 86 people injured and several buildings destroyed in Fargona Viloyati, Uzbekistan. Felt (IV) at Tashkent
29/07/11	6.7	South of Fiji Island	No reports of damage or casualties
31/07/11	6.8	Near North Coast of New Guinea, P.N.G	No reports of damage or casualties
20/08/11	7.1	Vanuatu	No reports of damage or casualties
23/08/11	5.3	Colorado	No reports of damage or casualties
23/08/11	5.8	Virginia	Moderately heavy damage (VIII) occurred in a rural region of Louisa County southwest of Mineral. Widespread light to moderate damage occurred from central Virginia to southern Maryland including the Washington D.C. area
24/08/11	6.8	Northern Peru	No reports of damage or casualties
02/09/11	6.7	Santiago Del Estero, Argentina	No reports of damage or casualties
03/09/11	7.0	Vanuatu	No reports of damage or casualties
18/09/11	6.9	India-Nepal Boarder Region	At least 94 people killed, several injured and 5,000 displaced and several thousand buildings and many roads and bridges destroyed or damaged in the Sikkim-Bihar-West Bengal area; 6 people killed and 25 injured and at least 4,300 buildings destroyed or damaged in Bhojpur, Ilam, Panchthar and Sankhuwasabha, Nepal; 7 people killed and 136 injured in Tibet, China; 1 person killed and 16 injured and at least 6,000 buildings damaged in the Paro-Thimphu region, Bhutan
19/09/11	5.8	Guatemala	At least one person killed at Guatemala. Felt (V) at Petapa; (IV) at Amatitlan, Cahabon, Fraijanes, Guatemala, Mixco and Santa Catarina Pinula; (III) at Antigua Guatemala.

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



Think about making your home Earthquake-Resistant

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

FRIDAY FREE EARTHQUAKE CLINIC

at NSET Office

PROFILE

Ms. Maritess R. Tandingan

Lead Trainer

Program for Enhancement of Emergency Response (PEER)

National Society for Earthquake Technology-Nepal (NSET)



Ms. Maritess Tandingan joined the National Society for Earthquake Technology-Nepal (NSET) on May 1, 2008 as Training Consultant for the USAID/OFDA funded project, the Program for Enhancement of Emergency Response (PEER)-Second Phase; and continued for PEER Stage 3 as Lead Trainer. PEER is a regional training program which aims to strengthen emergency preparedness and response capacities of selected countries in Asia, most vulnerable to natural hazards, including seismic risks. Ms. Tandingan is principally engaged in the overall training strategy towards efficient work program management for PEER in the six beneficiary countries, namely, Bangladesh, India, Indonesia, Nepal, Pakistan and the Philippines.

She holds a degree in Bachelor of Science in Nursing from the University of Pangasinan (Philippines) and is a registered nurse in the Philippines. In order to further enhance her knowledge in disaster management, she completed distance learning courses on Comprehensive Disaster Risk Management Framework, Earthquake Risk Reduction, and Community-based Disaster Risk Management, all under the Distance Learning Program on Natural Disaster Risk Management of the World Bank Institute (WBI) and Earthquakes and Megacities Initiative (EMI).

Her career in the field of disaster management began during her work with the Alliance for Emergency Response and Training, Inc. (ALERT), a local NGO in the Philippines; and in Office of Civil Defense-National Disaster Coordinating Council (now known as the National Disaster Risk Reduction and Management Council), the national disaster management agency of the Philippines. She has broad experience in training and program implementation in the Philippines, such as programs on Incident Command System (ASEAN-led) and PEER, which are both supported by USAID; has contributed in the curriculum development of Office of Civil Defense' (OCD) in-house staff enhancement training materials and for training programs on Community-Based Disaster Risk Management (CBDRM), Urban Search and Rescue (USAR) Familiarization Course and Water Search and Rescue (WaSAR) Course in the Philippines; and she was also engaged in OCD's conduct of disaster preparedness and related trainings, such as emergency medical response, contingency planning, incident command system and exercise design and planning.

Ms. Tandingan has participated in PEER events since 2001 and has completed the stream of instructors' development courses for Medical First Responder (MFR), to include the Master Instructors' Workshop under PEER.

FOR MORE INFORMATION ON

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



National Society for Earthquake Technology-Nepal (NSET)

Sainbu V.D.C. Ward No. 4, Bhainsepati Residential Area, Lalitpur
P.O.Box: 13775, Kathmandu, Nepal
Tel: (977-1) 5591000, Fax: (977-1) 5592692
E-mail: nset@nset.org.np, Website: www.nset.org.np

www.nset.org.np