

**American Society of Nepalese Engineers (ASNEng) and Computer Association of
Nepal-USA (CAN-USA) present**

Joint ASNEng/CAN-USA Conference 2010

(3rd ASNEng Annual Conference and Meeting and 3rd CAN-USA Annual Development Conference)

“Engineering and Science for Sustainability, Clean-Technology and Disaster Preparedness”

Date: July 03-04 2010

Venue: Boston Park Plaza Hotel & Towers, 50 Park Plaza, Boston, MA
(at the 2010 ANA Annual Convention, July 02-04, 2010 -- <http://www.ana-convention.org/2010>)

Overall Program Schedule At-a-Glance

Saturday, July 3rd, 2010

- 12:30 PM – 1:30 PM: Conference Opening *Gandaki (Terrace Room/Basement)*
- 1:45 PM – 3:30 PM: Technical Session I *Gandaki (Terrace Room/Basement)*
(*Joint ANMF/ASNEng/CAN-USA Panel Discussion on Earthquake Disaster Preparedness in Nepal*)
- 4:30 PM - 6:00 PM: Technical Session II *Koshi (Whittier Rm, 4th FL)*
(*Open Forum*)

Sunday, July 04th, 2010

- 10:30 AM – 12:00 PM: Technical Session III *Karnali (Georgian Rm, Mezzanine Level)*
(*Joint ASNEng/CAN-USA Session on Clean Technology*)
- 12:00 PM – 1:30 PM: Joint Professional Networking *(TBA)*
(*Jointly hosted by ASNEng, CAN-USA, ANMF, and NKY*)
- 1:30 PM – 3:00 PM: Technical Session IV *Karnali (Georgian Rm, Mezzanine Level)*
(*General Engineering & Scientific Topics*)
- 3:00 PM - 5:00 PM: ASNEng Annual General Membership/BOD Meeting *Rapti (Gems Rm, 4th FL)*

[Please see the following pages for details.]

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Detail Program Schedule

Saturday, July 03rd, 2010

Conference Opening 12:30 PM – 1:30 PM

Gandaki (Terrace Room/Basement)

Conference Opening Remarks, Introduction and Volunteer of the Year Award

Ramesh B. Malla, Ph.D., President, ASNEng and Conference General Chair, and **Pukar Malla, Ph.D.**,
Vice- President, CAN-USA

Technical Session I 1:45 PM – 3:30 PM

Gandaki (Terrace Room/Basement)

Session Title: Panel Discussion on Earthquake Disaster Preparedness in Nepal

Session Chairs: Pramod Dhakal, Ph.D., Executive Director, Canada Foundation for Nepal, Ottawa,
Ontario, CANADA and **Jagannath Ghimire, P.E.**, Engineer, RK&K, LLC, Baltimore, MD

Panelists:

Ramesh Malla, Ph.D., University of Connecticut, Storrs, CT and **Kanhaiya Kayastha, P.E., S.E.**, La.
Habra, CA (ASNEng)

“On Preparing Nepal’s Infrastructures for Earthquake Event”

Prabudhda Dahal, Luftin, TX (CAN-USA)

“Communications in Disaster Preparedness” (Webinar)

Rajan R. Pant, Office of Controller of Certification, Ministry of Science & Technology, Nepal

“Cooperation for Disaster Preparedness: A case for Nepal”

**Joint ASNEng/CAN-USA Conference 2010 Detail Program Schedule
(Cont'd...)**

Technical Session II 4:30 PM – 6:00 PM

Koshi (Whittier Rm, 4th FL)

Session Title: Open Forum

Session Chair: Ramesh B. Malla, Ph.D., Associate Professor, Civil & Environmental Engineering, University of Connecticut, Storrs, CT

*(** All who have education, training, experience and interest in engineering, scientific and technology areas are welcome to attend, introduce themselves, and share their experience and knowledge with others in attendance in the session. Students are particularly invited and most welcome to this Open Forum session! **)*

Sunday, July 04th, 2010

Technical Session III 10:30 AM – 12:00 PM

Karnali (Georgian Rm, Mezzanine Level)

Session Title: Clean Technology

Session Chairs: Upendra Karna, D. Eng., P.E., President, U&S Engineers, P.C., Lambertville, NJ and **Rajan R. Pant**, Controller, Office of Controller of Certification, Ministry of Science & Technology, Nepal

10:30 AM – 10:52 AM

“Energy Generation using Reciprocating Small Scale Hydropower System” by **Ramesh B. Malla, Ph.D.**; **Binu Shrestha**; and **Amvrossios C. Bagtzoglou, Ph.D.**, University of Connecticut, Storrs, CT

10:52 AM – 11:14 AM

“Stoves, Health and Technologies” (Webinar) by **Amod Pokhrel, Ph.D.**, University of California, Berkeley, CA

11:14 AM – 11:37 AM

“High altitude Wireless networks in Himalayan Region” by **Kishor Panth**, Computer Association of Nepal, Kathmandu, Nepal

11:37 AM – 12:00 PM

“Got Sun? Get Electricity!- Gham Power’s Solar PV Systems End Load-Shedding for Homes and Businesses Alike”(Webinar) by **Sandeep Giri**, Gham Power (Solar Company), Kathmandu, Nepal

Joint Professional Networking Event 12:00 PM – 01:30 PM

(TBA)

(Jointly hosted by ASNEng, CAN-USA, ANMF and NKY)

**Joint ASNEngr/CAN-USA Conference 2010 Detail Program Schedule
(Cont'd...)**

Technical Session IV 01:30 PM – 3:00 PM

Karnali (Georgian Rm, Mezzanine Level)

Session Title: General Engineering & Scientific Topics

Session Chairs: Ramesh B. Malla, Ph.D., Associate Professor, Civil & Environmental Engineering, University of Connecticut, Storrs, CT and President, American Society of Nepalese Engineers; and **Kishor Panth**, 2nd Vice President, Computer Association of Nepal, Kathmandu, Nepal

1:30 PM – 1:52 PM

“Science and Education for a Sustainable World” by **Pramod Dhakal**, Ph.D., Canada Foundation for Nepal, Ottawa, Canada

1:52 PM – 2:14 PM

“Meta Analysis on Gene Expression Micro-array data” by **Pujan Joshi**, University of Connecticut, Storrs, CT

2:14 PM – 2:37 PM

“Search and Rescue using Cell Phones and Mobile Base Station” by **Bishal Thapa**, Northeastern University, Boston, MA

2:37 PM – 3:00 PM

“Bridge Foundation Design in Tidal Waterway” by **Upendra Karna**, D. Eng, P.E., U&S Engineers, P.C., Lambertville, NJ

Annual ASNEngr General Membership Meeting and Closing

Rapti (Gems Rm, 4th FL)

3:00 PM – 5:00 PM: ASNEngr Annual General Membership/BOD Meeting and Closing