

**The Second Annual Conference  
of  
American Society of Nepalese Engineers (ASNEngr)  
(<http://www.ASNEngr.org>)**

**“Engineering and Science for Sustainable Development of the Society”**

**Date:** Friday, July 03 & Saturday, July 04, 2009

**Venue:** Oakland Convention Center (Oakland Marriott Hotel City Center), Oakland, CA  
1001 Broadway, Oakland, CA 94607, USA  
(with 2009 ANA Convention)

**Overall Program Schedule At-a-Glance**

**Friday, July 3<sup>rd</sup>, 2009**

09:30 AM – 10:00 AM: <i>Conference Opening</i>	<i>(Room: 204)</i>
10:00 AM – 11:20 AM: <i>Technical Session I</i>	<i>(Room: 204)</i>
3:30 PM - 5:00 PM: <i>Panel – Knowledge Sharing for Career Advancement</i>	<i>(Room: 204)</i>

**Saturday, July 04<sup>th</sup>, 2009**

09:00 AM – 10:20 AM: <i>Technical Session II</i>	<i>(Room: 204)</i>
10:20 AM – 10:30 AM: <i>Break</i>	
10:30 AM – 11:50 AM: <i>Technical Session III</i>	<i>(Room: 204)</i>
11:50 AM – 1:00 PM: <i>Lunch Break (on your own)</i>	
1:00 PM – 2:30 PM: <i>Annual General Membership/BOD Meeting</i>	<i>(Room: 204)</i>

*(Please see following pages for details)*

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**Detail Program Schedule**

**Friday, July 03<sup>rd</sup>, 2009**

**Conference Opening** 09:30 AM – 10:00 AM (Room: 204)

09:30 AM – 10:00 AM

**Conference Opening Remarks and Introduction** by *Ramesh B. Malla, Ph.D.*, ASNEngr President and  
Conference General Chair

**Technical Session I** 10:00 AM – 11:20 AM (Room: 204)

**Session Chairs:** **Ramesh B. Malla, Ph.D.**, University of Connecticut, Storrs, CT; and **Pradeep Khanal**, INTEL, Santa Clara, CA

10:00 AM – 10:20 AM

**“Preparation of Landslide Potential Map of a Road Sector with Deterministic Analysis”** by *Dinesh Shrestha*, California State University, Fullerton, CA

10:20 AM – 10:40 AM

**“Earthquake Retrofitting of School Projects in Nepal”** by *Kanhaiya Kayastha, P.E., S.E.*, La. Habra, CA

10:40 AM – 11:00 AM

**“Prospects of Tele-medicine/Tele-ophthalmology to prevent cataracts in Nepal”** by *Amod Pokhrel*, University of California at Berkeley, Berkeley, CA

11:00 AM – 11:20 AM

**“Construction Practice in the USA – difference with the practice in Nepal”** by *Dol Raj Adhikari, P.E.*, Department of Transportation, Sacramento, CA

**Panel Discussion** 3:30 PM – 5:00 PM

(Room: 204)

3:30 PM – 5:00 PM

Panel Topic: *Knowledge Sharing for Career Advancement***Moderators: Binod Tiwari, Ph.D.**, California State University, Fullerton, CA; and **Ambika Adhikari, Dr.Des., AICP**, SRPMIC, Scottsdale and Arizona State University, Tempe, AZ**Panelists:*****Ramesh B. Malla, Ph.D***

University of Connecticut, Storrs, CT

***Rajendra K. Shrestha, Ph.D***

ConocoPhillips, Houston, TX

***Raja Upadhyay***

Pincock Allen &amp; Holt, Lakewood, CO

***Naveen Dutta***

Avaya Lab Research, Westminster, CO

***Dol Raj Adhikari, P.E.***

Department of Transportation, Sacramento, CA

***Pradeep Khanal***

INTEL, Santa Clara, CA

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**Saturday, July 04<sup>th</sup>, 2009****Technical Session II** 09:00 AM – 10:20 AM

(Room: 204)

**Session Chairs: Ramesh B. Malla, Ph.D.**, University of Connecticut, Storrs, CT; and **Rajendra K. Shrestha, Ph.D.**, ConocoPhillips, Houston, TX

09:00 AM – 09:20 AM

***“Design Practice for Slope Stabilization Works – State of The Art Practice and Future Improvement”*** by **Binod Tiwari, Ph.D.**, California State University, Fullerton, CA

09:20 AM – 09:40 AM

***“Bridge design and construction Practice in the US”*** by **Prem Rimal, P.E.**, California Department of Transportation, Sacramento, CA

09:40 AM – 10:00 AM

***“How the Compressibility and Plasticity of Soil Changes with Mineralogical Composition”*** by **Ishwar Dhungana**, California State University, Fullerton, CA

10:00 AM – 10:20 AM

***“Advanced Composites in Today’s Context”*** by **Pranav D. Shah, Ph.D.**, Stanford University, Palo Alto, CA**Break** 10:20 AM – 10:30 AM**Technical Session III** 10:30 AM – 11:50 PM

(Room: 204)

**Session Chairs: Pranav Dhoj D. Shah, Ph.D.**, Stanford University, Palo Alto, CA; and **Jagannath Ghimire**, Baltimore, MD

10:30 AM – 10:50 AM

***“Petroleum Engineering in the Oil and Gas Industry”*** by **Rajendra K. Shrestha, Ph.D.**, ConocoPhillips, Houston, TX

10:50 AM – 11:10 AM

***“Comments on Building Construction Practice in Nepal in View of Earthquake Safety”*** by **Suresh Acharya, S.E.**, City of Concord, CA

11:10 AM – 11:30 AM

***“Towards Developing Indicators for Kathmandu”*** by **Ambika Adhikari, Dr. Des., AICP**, SRPMIC, Scottsdale and Arizona State University, Tempe, AZ

11:30 AM – 11:50 AM

***“Structural Analysis of Percussive Penetrometer System for Lunar Exploration”*** by **Ramesh B. Malla, Ph.D.**, University of Connecticut, Storrs, CT**Lunch Break** 11:50 AM to 1:00 PM (on your own)**Annual ASNEngr General Membership Meeting and Closing**

(Room: 204)

1:00 PM – 2:30 PM: Annual General Membership and Board of Directors meeting &amp; Closing