

Date: May 05, 2014

**The Greater Washington DC Chapter
of
American Society of Nepalese Engineers (ASNEngr)**
PO Box 39524
Baltimore, Maryland, USA
<http://www.ASNEngr.org>

Technical Seminar

You are cordially invited to attend the technical seminar organized by The DC Chapter of American Society of Nepalese Engineers at 2:00 PM on 31st May 2014 in the following venue. The theme of the program is “**Development in Nepal: A Non-Resident’s Perspective**”. The papers will be presented by renowned Nepali Professional Mr. Bikash Pandey, and Nepali Social Scientist Dr. Shyam KC on the contemporary issues.

Date: 2:00 PM on Saturday, 31 May 2014

Venue: George Mason Regional Library

7001 Little River Turnpike,

Annandale, VA 22003

Mr. Bikash Pandey

Bikash Pandey is the global Director of Clean Energy and Environment at Winrock International. His work experience encompasses twenty five years in policy review, design, and implementation of a range of clean/renewable energy projects in Asia, Africa, and Latin America. He is one of the pioneers of micro-hydro mini-grid systems in Nepal, where he started his career in energy access. His expertise includes interventions to commercialize renewable energy technologies and design of financing mechanisms and incentives for market transformation. He has registered a number of energy access projects under the CDM, including the first aggregated domestic biogas projects and community micro-hydropower projects. He holds an M.S. from the Energy and Resources Group from the University of California at Berkeley and a S.B. in Electrical Engineering from MIT.

Barriers to Renewables and Climate Change Mitigation in Nepal

Import of fossil fuels is a major contributor to Nepal’s balance of trade deficit. In 2006-07 Nepal spent 57% of export earnings from merchandise exports to import petroleum; this percentage has gone up since. Air quality in all major urban areas has deteriorated rapidly over the past decades especially as a result of increased emissions of particulate matter. Nepal could meet most of its energy needs through the use of renewable energy including hydropower, solar PV, biogas, and different types of biomass energy. Remarkable progress has been made in the alternative energy sector to supply rural areas since the mid-1990s. Practical problems which stand in the way of

sufficient investment into larger power projects are the single-buyer status of NEA, insufficient transmission infrastructure to evacuate power, no avenues to export surplus energy to India and low levels of funding by multilateral banks into the power sector. Carbon finance has been a positive development with over 6 CDM projects registered. These have benefited small-scale projects and have made no contribution to improving the viability of large-scale energy investments.

Dr. Shyam KC

Dr. Shyam KC is a Fulbright fellow, an engineer and a sociologist. Dr. KC is a Nepali national, currently working as a Specialist at the World Bank, engaged in development projects in Kiribati, Papua New Guinea, the Philippines and Timor Leste. Dr. KC holds PhD from University of Maryland.

Delivering and Sustaining Infrastructure Services in Nepal: The role of Non-Resident Nepali Engineers

A lot of infrastructure in Nepal seems not to be living through their design lives. Where does engineering and the Engineer stand? What roles can they play? Through an interactive session, the speaker expects to tease out areas where and how the NRN engineering community can influence, and payback to the country.

For more information please contact:
The Greater Washington DC Chapter
of The American Society of Nepalese Engineer
(GWDC-ASNEng)
Email: asnengr.washingtondc@gmail.com

Thakur Dhakal (President) (240) 821-2137
Santosh Dhakal (Vice President) (773) 729-9992
Deependra Pokharel (Secretary) (703) 627-2232
Shalik Wagle (Treasurer) (484) 225-1886
Mangal Maharjan (Member at Large) (202) 300 7142
Prakash Khanal (Member at Large) (864) 243 6151
Deepak Koirala (Member at Large) (804) 274 0023
Rajendra Tamrakar (Member at Large) (757) 777-4739
Yubaraj Budhathoki (Immediate Past President) (571) 383-1400