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A CIVIL ENGINEERED WORLD

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The State of International Affairs

The upcoming ASCE Annual Conference in Los Angeles represents yet another ASCE initiative that leads the Society into a new era of global dimensions. The international-related sessions go hand-in-hand with the Society's recent involvement in the UN Millennium Development Goals relating to engineering issues. A Natural Disaster Program includes a symposium on the engineering aspects of the Asian earthquake and tsunami; "Disaster Reduction for the Poor" the topic of the keynote address at the International Luncheon; and the Global Ethics Program addresses ASCE's role in fighting worldwide corruption in engineering and construction.

[The ASCE Annual Conference](#) will take place in Los Angeles, California, October 29, 2005. The event brings together many engineering societies from around the world and numerous ASCE international members and friends. We will spend the day in Los Angeles hearing and talking about Vision, Motivation and Leadership and learning how to take your engineering vision from concept to construction.

ASCE's contribution to the [Millennium Goals](#) requires an awareness of issues that goes beyond U.S. borders and affects all ASCE members - 137,000 of them. Such issues cover integrating the principles of sustainable development into country policies and programs, reversing losses of environmental resources, developing viable infrastructures that lead to economic development and providing access to basic human needs such as water sanitation. In doing that, ASCE is fulfilling its own priorities, which include "the advancement of science to enhance the welfare of humanity."

More than 2.6 billion people – over 40 percent of the world's population – do not have basic sanitation and more than one billion people still use unsafe sources of drinking water, according to the UN Millennium Project. ASCE, in collaboration with the Federación de Ingenieros Civiles de la Republica Mexicana (FECIC) and the Canadian Society for Civil Engineering (CSCE), with the leadership of the Environmental Water Resources Institute (EWRI), has taken an active role in the [World Water Forum](#) to be held in Mexico City, March 16-22, 2006. Tri-national experts are organizing sessions in two tracks – Applications of Systems Analysis Water Resources and The Use of Integrated Water Resources Management to Achieve Socio-Economic Goals – to share their technical knowledge and positive case studies that can find applicability elsewhere in the world. Engineering leadership bridges the gap to the knowledge needed to address basic human needs. As such, the EWRI will conduct a conference in New Delhi in December 2006, An International Perspective on Environmental and Water Resources, as it relates to developing countries.

One of the areas of concern in achieving the Millennium Goals is corruption. "Corruption undermines public trust and hinders political, economic sustainable development," stated UN Secretary General Koffi Annan in his July 31, 2002 report. Annan called for "finalizing a draft convention that will strengthen the legal

framework to combat corruption.” Bill Henry, President of ASCE, tackled this issue related to engineering practices and took his vision and leadership around the world to engage the engineering community to adopt the Engineer’s Charter against corruption. On Thursday, October 27, 2005, at the ASCE Conference in Angeles, a session on Global Principles for Professional Conduct will present principles and guidelines for national and international implementation. Leaders of engineering societies worldwide will have the opportunity to sign the Charter. This ensures that “your vision is shared by all.”

ASCE is aware that the challenges of the Millennium Goals are a call to the engineering community; however, the number of young people taking interest in engineering studies is declining in some parts of the world. Lack of such human resources is bound to have a serious impact on developing needed infrastructure ensuring sustainable development and exchanging vital technical knowledge. ASCE, through the American Association of Engineering Societies (AAES), has become the motivational entity to produce the Engineering for a Better World proposal, whose goal is to strengthen engineering and technology at UNESCO in such areas as engineering education, curriculum development, standards, ethics and many others. ASCE has also produced the first edition of the Body of Knowledge for the 21st Century to address the challenges faced by civil engineering in today’s practices.

Vision, motivation and leadership – these are the words that best describe ASCE home and abroad. ASCE members are everywhere in the world, facing challenge on a daily basis and looking to their Society to serve them no matter where they work.

Around the World

What are the Agreements of Cooperation (AOC) doing?

The South African Institution of Civil Engineering (SAICE)

held its international Bridge Building Competition 2005. This exciting competition attracts the participation of approximately 600 schools countrywide, as well as in Namibia and Zimbabwe. SAICE initiated this competition 17 years ago to further high school learners’ use of Mathematics and Science in an engineering context to grow the profession. Read full story: www.civils.org.za/bridgebuilding.html.



The Institution of Engineers-India (IEI) is holding two civil engineering seminars and the 21st National Convention of Civil Engineers in 2005. Read more about these events: www.ieindia.org/calendar.htm.

The Philippine Institute of Civil Engineers (PICE) elected its new officers for 2005. They are:

- PRESIDENT **MOCAMAD M. RAKI-IN, SR.**
- 1st VICE-PRESIDENT **JOSE F. MABANTA**
- 2nd VICE-PRESIDENT **JUANITO P. ABERGAS**
- SECRETARY **ROGELIO R. HAMAK**
- TREASURER **VENANCIO I. BESAVILLA, JR.**
- BUSINESS MANAGER **WILLY T. G.**
- P.R.O. **RAMON P. AQUINO**
- AUDITOR **BERNARDO S. MERCADO**

The Philippine Institute of Civil Engineers (PICE) will hold its 31st National Convention at the Manila Hotel, Manila from November 17-19, 2005. For more

information about the Convention and PICE, go to: www.pice.org.ph/console.htm

The Korean Society of Civil Engineers (KSCE) is collaborating with ASCE on the D.WRE specialty certification and posted the announcement on its website at www.ksce.or.kr/new_eng/home/index.asp.

The Civil Division of the Hong Kong Institution of Engineers (HKIE) is organizing an International Conference on Bridge Engineering – Challenges in the 21st Century, November 1-3, 2006 in Hong Kong. The ASCE Hong Kong Section and ASCE Headquarters are Supporting Organizations of the Conference. The deadline for abstract submissions is November 30, 2005. More information is available at: www.hkiecvd.org/BRIDGE2006.htm.

What are the ASCE International Groups/Sections doing?

The ASCE Thailand Section's President, Pratim Ghose provided assistance to a group of volunteers working with Engineers without Borders who traveled to Baan Bo Mai to conduct a site assessment as part of a project to install a water supply system to the village as well as an orphanage near to the village. Krista McKim, PE, Senior Engineer, Rummel Klepper and Kahl, LLP was the group leader.

The ASCE-India Section's President Mr. C.R. Dutta is lighting the lamp to inaugurate the All India Seminar on Geo-Technical Aspects of Infrastructure and Environment at IEI. In the picture: S.K. Banerjee, Joint Secretary-ASCE-IS, M.K. Mohanty, and Prot P. Som.



On January 2005, the ASCE-India Section organized a panel discussion on the tsunami in collaboration with Science for Society (India), Tollygunge Development Council, Institute of Natural Disaster Reduction and Environmental Management. View report at: www.asce.org/files/pdf/inside/tsunamipanel_india.pdf.

The ASCE Los Angeles Section's International Committee is organizing its 4th International Engineering and Construction Conference July 28, 2006, at Calstate Fullerton. The deadline for abstracts has been extended to September 15, 2005. For information go to: www.asce.org/conferences/iecc06/.

ASCE International Partners

Asian Civil Engineering Coordinating Council (ACECC)

ACECC will meet before the ASCE Conference in Los Angeles on October 22-23. The Technical Coordinating Committee Meeting (TCCM) will hold its first meeting on October 22. On October 23, the Planning Committee will convene for its sixth meeting, after which the Executive Committee will hold its twelfth meeting. Information about ACECC can be found at www.acecc.net.

North American Alliance for Civil Engineers (NAACE)

The 4th World Water Forum will take place in March 16-22, 2006 in Mexico City. NAACE, with the leadership of EWRI (Environment & Water Resources Institute ASCE), is assisting with the organization of the Forum. For more information, visit www.worldwaterforum4.org.mx.

Institution of Civil Engineers, UK (ICE)

The Institution of Civil Engineers (ICE) and ASCE are co-hosting a major international conference July 3-4, 2006: the Triennial Conference. Several ASCE members have accepted an invitation to speak. Current ASCE President William (Bill) Henry will speak on Ethics and Anti-Corruption Initiatives; Henry James

Hatch, International Activities Committee Chair, will speak on Civil Engineering Issues in the Millennium Development Goals – U.S. Viewpoint; Dr. Russel C. Jones, Chair of the World Federation of Engineering Organizations Committee on Capacity Building, will speak on Capacity Building Initiatives and President-Elect Dennis Martenson will serve as a Sessional Chair. Further information on the conference can be found at www.ice.org.uk.

News from ASCE

2006 ASCE Annual Conference

Several events catered to our global participants are being organized for this year's Annual Conference to be held in Los Angeles, California October 27-29. Events of international interest will occur before the conference. The Asian Civil Engineering Coordinating Council (ACECC) will meet October 22 and 23. The International Luncheon and Roundtable on the topic of "Surviving Nature's Forces: Have Civil Engineers Built Safe Communities?" will take place on the 26th. The Global Ethics program and International Dinner are scheduled for October 27. More information regarding the Conference can be found at www.asce.org/conferences/annual05. For information regarding international events at the Conference, please email J. Kang at: jkang@asce.org.

EWRI and IIT Joint Conference: An International Perspective on Environmental and Water Resources

The Environmental & Water Resources Institute (EWRI) and the Indian Institute of Technology (IIT), Kanpur have joined forces to bring An International Perspective on Environmental and Water Resources. The Conference will be held December 20, 2006 in New Delhi, India. Please visit www.asce.org/conferences/india06/ for details.

Bernard Amadei to Receive 2005 Hassib J. Sabbagh Award for Engineering Construction Excellence

Bernard J. Amadei, Ph.D., P.E., A.M.ASCE will accept the 2005 Hassib J. Sabbagh Award for Engineering Construction Excellence on behalf of the organization he founded, Engineers Without Borders (EWB). Among the many projects undertaken by EWB is the formation of a team of University of Colorado engineering students and a civil engineering expert from Boulder to install a water delivery pipeline between the village of San Pablo, Belize and a nearby river. This pipeline allows the village children to go to school, rather than carrying water to the village. For more information, please visit: www.asce.org/files/pdf/intl/amadei082505.doc.



2006 International Activities Committee (IAC)

Members to serve for the 2006 ASCE International Activities Committee (IAC) have been selected. The incoming committee members are:

- Henry (Hank) Hatch, P.E., Hon.M.ASCE, Chair
- Jaime Santamaria-Serrano, P.E., F.ASCE, International Director
- Bernard Amadei, Ph.D., P.E., A.M.ASCE, Member
- Reza (Ray) Darvishian, P.E., F.ASCE, Member
- Luther Graef, P.E., F.ASCE, Member
- Russel C. Jones, Ph.D., P.E., Hon.M.ASCE, Member
- David G. Leverenz, P.E., F.ASCE, Vice-Chair
- Srinivasa Lingireddy, P.E., M.ASCE, Member
- Maria T. Petrov, P.E., M.ASCE, Member
- Soheila Rahbari, P.E., M.ASCE, Member



UPADI - Pan American Convention of Engineers

ASCE and the National Society of Professional Engineers (NSPE) represent the

United States in UPADI and have joined together to present XXX Pan American Convention of Engineers, UPADI 2006. The dates of the Convention are September 19–22, 2006. Additional information can be found at: www.upadi2006.com/.

World Federation of Engineering Organizations (WFEO)

The General Assembly of the World Federation of Engineering Organizations (WFEO) will meet October 16-21, 2005 in San Juan, Puerto Rico. Information on the General Assembly can be found at www.wfeo2005.org/home.html. In addition to scientific sessions, exhibitions and social activities, the election of the upcoming president will be held. Currently, there are four candidates running. The qualifications and interests of each candidate have been highlighted in the WFEO monthly newsletters. To access the newsletters, please visit: www.unesco.org/wfeo/news.html.

Organization of American States - Program for Disaster Reduction of University Campuses in the Americas (DRUCA)

The purpose of the Organization of American States (OAS) is to facilitate communication and interaction between countries located in the Western Hemisphere. DRUCA, which stands for Disaster Reduction of University Campuses in the Americas, is a program designed to raise awareness for colleges and universities located in areas vulnerable to natural disasters. For more information please visit: www.asce.org/inside/files/pdf/DRUCAenglish.pdf.

Honorary Member and OPAL Award Nominations

ASCE is now accepting nominations for Honorary Member and OPAL awards.

An Honorary Member is a person who has attained acknowledged eminence in some branch of engineering or in the arts and sciences related thereto, including the fields of engineering education and construction. For information about the selection process and a link to the nomination form, visit: www.asce.org/pressroom/honors/honors_details.cfm?hdlid=2.

Please note that the deadline is October 1 and that the Nomination for Honorary Membership form must be signed by the nominator. The nominator is the chair, president, or other defined leader of a Society organizational entity. Organizational entities are defined in the Constitution as Committees, Institutes, Academies, Geographic Units, Foundations, Affiliated Societies and other Society units defined by the Board in the Bylaws.

The Outstanding Projects and Leaders (OPAL) awards program recognizes individual achievement as well as exemplary civil engineering projects. Individuals (leaders) are recognized as lifetime winners in one of five categories: (1) Design, (2) Construction, (3) Government, (4) Education and (5) Management. The deadline to receive nominations is November 15. For complete information and how to nominate for the OPAL, visit the web at: www.asce.org/opal/index.cfm.

[Learn More About ASCE Internationally and Our Partners](#)



American Society of Civil Engineers