

**MOUSTAFA A. GOUDA, P.E., D.GE, F.ASCE**

- 1. ASCE's Board of Direction is focusing special attention on, and allocating resources to, four major professional issues: improving America's infrastructure, raising the educational bar for entry into the profession, helping shape the civil engineer's role in the 21<sup>st</sup> century, and raising public awareness that civil engineers are significant contributors to a sustainable world. Should these four issues be given equal weight and why or why not?**

*We need to focus, set priorities and make proper use of our resources; therefore, I would not give these four professional issues equal weight. Raising the bar, shaping the civil engineer's role and raising public awareness that civil engineers are significant contributors to a sustainable world are important issues that will take years to accomplish and we are making a steady, but slow progress. However, America's infrastructures are a pressing immediate needs issue that affects the health and safety of our citizens. I believe that improving America's infrastructures shall be top priority and shall be our major focus during the next few years.*

- 2. What do you believe should be ASCE's primary focus in the year ahead?**

*Aside from advocating America's infrastructures improvement as stated above, ASCE shall focus on improving and enhancing members' values and programs. ASCE shall work harder to get our members engaged and excited about ASCE's strategic issues and policies. Getting our members to buy in and support our policies and strategies is required to sustain our success.*

- 3. What do you see as ASCE's primary challenges in the year ahead?**

- The effect of the downturned economy on ASCE Operations, Finances and Reserves;*
- Achieving the goals of ASCE Strategic planning;*
- Improving the image of the civil engineer and raising the bar;*
- Implementation of the Roadmap to Destination 2025:*

*To overcome the economic downturn, we need to continue on the path of fiscal responsibility.*

*Challenges 2, 3 and 4 require the full cooperation and collaboration between ASCE and our Institutes and Sister Societies. ASCE shall work harder to unite the civil engineering profession under the banner of the common good for all civil engineers.*

**4. What do you hope to accomplish in the year ahead?**

*In the year ahead and as the President-Elect, I plan to work with our Members, Regions, Sections and Branches and Institutes to get our members engaged. I hope to increase communications with our national and international members. I want to see that every Member is on board, embracing the “**all on board**” philosophy, contributing to sustaining ASCE’s success through full support of ASCE Strategic Planning, Initiatives and Policies. I want to encourage all ASCE Members to become active participants in their communities. I know first hand that Civil Engineers can translate their knowledge of basic applied science into civic problem solving.*

**5. How can ASCE’s strengths be further optimized?**

*In order for ASCE to optimize its strength, grow and meet future challenges, ASCE shall continue to improve members’ **benefits and programs**. ASCE shall work harder to make sure that as a profession, we are continuing to **move forward**. ASCE shall be focusing on assisting its members so they can have better work environment, better opportunities and better compensation for their services. ASCE leadership in raising the bar, in influencing public policy on infrastructure, and in advancing technology shall continue.*

**6. How can ASCE strengthen its ties to members?**

*Transparency and effective communication are important to improving and strengthening ASCE ties with its members. Coordinate any future **Constructive Changes** with regions, Sections, Branches and Institutes.*

**7. What can ASCE do to help draw more people into the profession, especially more women and more members of minority groups?**

- *Enhance and expand the outreach programs and promote math and science studies.*
- *Partner with educational institutions to attract more students, especially women and minorities, into Civil Engineering.*
- *Partner with businesses to provide resources and opportunities that support the career development of women and minority Civil Engineers.*
- *Partner with organizations close to the heart of woman and minorities such as EWB.*
- *Raising the bar and improving the image of the civil engineering profession will attract more people to our profession.*

- *Promote women and minority membership involvement in ASCE Leadership, Committees and Institutes.*

**8. What, if anything, can ASCE do differently to serve the 21<sup>st</sup>-century engineer?**

*Use Electronic media for the delivery of our product and services. Move faster on sustainability related researches and initiatives. Create communication tools such as My ASCE so younger members can use ASCE web Page for communications and sharing of ideas.*

**9. What do you believe is the single most important objective the civil engineering profession must achieve within the next five years?**

*Improving the image of the Civil Engineer, promoting the fact that the Civil Engineer is the one that society can entrust to create a sustainable world and enhance the global quality of life.*

**10. What do you believe is the single most important objective ASCE must achieve within the next five years?**

*ASCE's most important objective is to achieve the creation of a national policy for sustainable improvement of America's infrastructure which will be adopted by the US congress and the executive branch of our government, and will be implemented at all levels of government that impact infrastructure.*

**11. What should ASCE's role be in influencing public policy?**

*ASCE shall continue to be the **stewards of public policy**. Policy is the heart of ASCE and the result of the labor of its members. Shaping and directing the policy cannot be left to others. ASCE shall continue to be in the forefront of influencing public policy.*

**12. In specific terms, how can ASCE strengthen its commitment to sustainability/sustainable development?**

- *ASCE must continue to integrate the principles of sustainability into all its policies, education and practices.*
- *ASCE must promote a robust program of research in sustainable technologies and practices.*
- *ASCE shall advocate to its members the importance of applying the principles and practices of sustainability in their work.*
- *ASCE shall actively share its principles and practices of sustainability worldwide among developing and developed nations.*

- *ASCE shall advocate to the Public and private sector decision makers the important role of Civil engineers in developing a sustainable world.*

**13. How can civil engineers work toward mitigating the effects of climate change during the 21<sup>st</sup> century?**

- *There are uncertainties associated with the science of climate change. However, it is certain that Greenhouse gases lead to climate changes.*
- *Civil engineers should promote ASCE Greenhouse Gas Emission Policy 488.*
- *The Civil Engineers should promote development and actions that reduce Greenhouse gases and support sustainable development which promotes reduction of greenhouse gas emissions.*
- *Civil engineers and ASCE should encourage the use of non-greenhouse gas emitting energy-generating sources such as nuclear, hydropower, wind and solar.*
- *ASCE should research and implement new technologies and materials to further improve energy efficiency and reduce greenhouse gas emissions.*