

MAX PORTER, PE, Ph.D., Hon. M. ASCE, F. ACI., F. TMS

CANDIDATE FOR REGIONAL TECHNICAL DIRECTOR OF ASCE BOARD OF DIRECTION



The newly constituted ASCE Board of Direction now provides for two directors representing the technical areas (region) of ASCE. The first of these two directors, Stan Caldwell, was elected last year; the second director will be elected this year. Representation of a technical area or region of ASCE is a great opportunity to have not only the traditional geographical regions, but also technical representation (Institutes) to our ASCE Board of Direction. Representation in this area will provide a challenge to properly present the technical and Institute viewpoints and at the same time provide for a harmonious ASCE structure and board. I seek your votes to be a representative to the ASCE Board of Direction. My experiences, given below, provide some qualifications to be able to be your representative.

Career Experience: (Summary)

Max Porter has served as President of five professional organizations, including the Structural Engineering Institute (SEI) of ASCE and The Masonry Society (TMS). He has served as a non-voting ASCE Executive Committee and ASCE Board Institute representative, chaired several ASCE committees, including those leading to 12 standards used for U.S. building codes and the ASCE codes and standards rules and policy committee.

Dr. Porter has received 48 career service awards, including Honorary Member of ASCE. He is primary author, co-author or responsible committee chair/vice chair of 27 books, standards books or chapters of books, 117 refereed journal articles and 218 non-refereed publications. He has been PI of over 100 research projects and an investigator on 17 additional projects totaling \$10.5 million. In addition, he taught over 200 courses, national workshops and seminars. Dr. Porter is currently Professor of Civil Engineering at Iowa State University in Ames, IA, and has worked for the County of Los Angeles, California; the American Bridge Division of U.S. Steel, Chicago, IL; and the Iowa Department of Transportation. He has served as a consultant to over 200 firms or individuals.

Visions for ASCE and the BOD:

As a member of the ASCE Board, I would enhance our structure and growth through collaborative projects and activities with the Institutes. A harmonious relationship, which we can achieve through joint activities, will strengthen both the ASCE structure and its image.

The various Institutes have strong partnerships with other organizations outside of the formal ASCE structure. The synergism of these relationships can provide more visibility and beneficial activities for ASCE, and thus must be enhanced.

One of the challenges within the ASCE structure is the need to match the local groups (Sections, Branches, etc.) with the local groups of the external organizations associated with the Institutes and other similar interest areas outside the formal structure of ASCE. Another challenge is the need to improve our professional stature of credentials of certification and licensure in a way that the public and the profession can recognize.

The ASCE Report Card has done a good job of indicating problem areas within our Civil Infrastructure. What we need now is to use the Report Card information to create solutions for these problems. As a Board member, I would work to identify solutions and help develop a plan of action for ASCE outreach to various other organizations that are also “stakeholders” in these infrastructure areas.

Our retired Civil Engineers are an underutilized source of knowledge. We need to involve them in our organization in ways that will make them feel good about our profession and at the same time provide opportunities for those who wish to enjoy and contribute to our professional well-being for the future of ASCE.

A special area of interest (based upon my background) is that of enhancing multidisciplinary activities to solve our infrastructure problems. Our infrastructure could be improved in many ways through the synergistic work with key groups within ASCE and their counterparts in external organizations. ASCE is in a unique position to take the lead in solving many of these infrastructure problems via multidisciplinary activities.

Of course, we must not forget our ASCE areas of success and we need to continue to enhance those areas of success in the future.

I would sincerely appreciate your support to elect me as a Technical Region Director to the Board. Please vote in the upcoming election.

ASCE Experience:

Experience at many levels within the ASCE structure, as well as with many other societies and organizations, provides me with a unique background to represent the membership on the ASCE Board of Direction (BOD). Having served on the original visioning committee that arrived at the

institute concepts, having chaired the Codes and Standards Administrative committees, having served as chair of several ASCE and Institute committees and having served as a non-voting BOD member, I have found ASCE to be an exciting and a dynamic organization. This previous ASCE BOD experience provides me an opportunity to immediately be an effective representative. Some of the positions for which I have had the pleasure of participation for the ASCE organization are given below:

- Executive Committee of ASCE (Institute non-voting representative) (2003-'04)
- ASCE Board of Direction Institute non-voting Member Representative (2001-'03)
- President of SEI (1999-'01); Past President (2001-'03); Vice President (1997-'99); Member of Board of Governors of SEI (1996-'03)
- Chair of the Council of Institute Leaders (CIL) of ASCE (2000-'01); Chair CIL (2003-2004); and member CIL ('00-'04)
- Member of Composite FRP Stacks Standards Committee (2003-'06)
- Member of Task Committee on Institute Operating Procedures (2002-2004)
- Chair of Officer Nominations Committee of SEI (2001-'03)
- Member of Civil Engineering Research Foundation (CERF) Panel on FRP Reinforcement Evaluation (2001-'02)
- Member of the Ernest E. Howard Award Committee (2001-'04)
- Chair of ASCE TAC's Ad Hoc Committee on Peer Review (2001-'02)
- Member of ASCE's Board of Direction Task Committee on Standards Activity (1997-'00)
- Member of ASCE Task Committee on Institutes (2000-'01)
- "Key Contact" person for Legislative items for Congressman for ASCE('99-'06)
- Liaison contact for 150th Anniversary of ASCE (2000-'02)
- Chairman of the Masonry Standards Joint Committee of ASCE (joint with American Concrete Institute (ACI) and The Masonry Society (TMS) (1996-'02)
- Member of Technical Activities Committee (TAC) (1995-'99) (Also, CSAC representative on TAC) for ASCE
- Member of Civil Engineering Research Foundation (CERF) panel on FRP Durability, and on FRP Research ('99-'01)
- Chairman of Codes and Standards Activities Committee (CSAC) (1995-'99)
- Panel Member of Civil Engineering Research Foundation's Advisory Panel on Dowel Bars (1997-present)
- Member of ASCE Visioning Committee (1995-'97)
- Member of Building Stds. Council ('95-'97)
- Chair of Project Steering Committee and Standards Committee: "Fiber Composites and Polymers Standards" (1995-'06)
- Member of Steering Committee for ASCE "SPOKE" Conference on Quality Assurance. (Conf. Oct. 1997, Minneapolis, MN) ('96-'97)
- Member of Structures Congress '95 Steering Committee (1993-'95)
- Panel Member of Civil Engineering Research Foundation's Advisory Panel on Standards & Research (1994-'96)
- Chair of the Structural Standards Executive Committee (for Codes & Standards Division) of ASCE (1989-'95)
- Vice-Chair of the National Masonry Standards Joint Committee of ASCE (joint with American Concrete Institute and The Masonry Society (1990-'96)
- Chair - Design Subcommittee "Allowable Stress and Empirical Design" for the Masonry Standards Joint Committee for ASCE (joint with American Concrete Institute and The Masonry Society) ('90-'96)
- Chair of Subcommittee on Design of Composite Deck Slabs of the ASCE's Steel Deck with Concrete Standards Committee (1992-'97)
- Member of Masonry Limit States Standards Committee for developing a new standard for "Limit States Design of Masonry Structures" for the National Masonry Standards Joint Committee for ASCE (joint with American Concrete Institute and The Masonry Society) (1989-'99)

- Chairman of the "Steel Deck with Concrete" Standard of ASCE (formerly called "Concrete and Steel Deck Systems") for three Standards documents (1986-'93)
 - Committee Member of the "Steel Deck with Concrete" Standards Committee (1977-'99)
 - Member of Management Group F of ASCE (Codes and Standards Division)--at large representative (1991-'95)
 - Vice-Chairman of the Executive Committee of ASCE Technical Council on Codes and Standards (1988-'89)
 - Member of ASCE's Standards committee on "Design Loads for Structures During Construction" (1991-'04)
 - Executive Committee Member of ASCE's Technical Council on Codes and Standards (1986-'89)
 - Chairman of the ASCE "Committee on Composite Construction" of Structures Division (1979-'82)
 - Member of ASCE Committee on Composite Construction ('77-'84, '86-'90)
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I would appreciate your support for my candidacy for this position of Technical Region Director in the upcoming election (note: region in this case is the technical institute area of all of ASCE and not geographical per se). If you have input or questions or need additional information, please contact me at 515-294-7456 or mporter@iastate.edu.