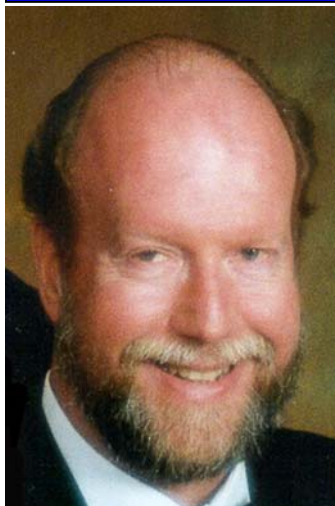


ASCE BOARD OF DIRECTION, OFFICIAL NOMINEE TECHNICAL DIRECTOR (INSTITUTES AND TAC) – 2006

JEFFREY B. BRADLEY, Ph.D., D.WRE, P.E., F. ASCE



- **PRESIDENT, ASCE ACADEMY OF WATER RESOURCES ENGINEERS, 2004 - PRESENT**
- **PRESIDENT ENVIRONMENTAL & WATER RESOURCES INSTITUTE OF ASCE, 2002**
- **ASCE PRESIDENT'S TASK COMMITTEE ON GOVERNANCE, 2001-2003**
- **ASCE PRESIDENT'S TASK COMMITTEE ON INSTITUTES, 2001-2003**
- **CHAIR ASCE NATIONAL WATER POLICY COMMITTEE, 2002-2003**
- **ASCE OREGON SECTION TREASURER, BOARD OF DIRECTORS 1980-1982**
- **FELLOW, ASCE**

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Web Page Link for further information: <http://www.westconsultants.com/bradleyinfo.pdf>

ASCE GOVERNANCE

The most important vote of the Society membership since the early part of the last century occurred last year when the new ASCE Governance Re-structuring was approved. As a result of years of extensive study by several Board of Direction task committees a proposal was forwarded to the Board of Direction and Society membership for a vote of approval last June. The membership's affirmation of the initiative will lead to a smaller Board of Direction, a more diverse Board with two voting member representing Institutes and the Technical Activities Division of the Society, and a new geographic regional structure of the Society which will allow for more membership involvement in governance and hopefully improved communication at all volunteer and staff levels. The transition to the new Board structure begins with this election and will take several years to implement. In this election the first Technical Director will be selected for the new governance structure. I believe that this person needs to have both a thorough understanding of the technical side of the Society and the governance side of ASCE, primarily the ASCE Board of Direction and its activities. This individual will represent all of the Institutes and the Technical Activities Division on the ASCE Board. **Now that re-structuring has been approved, we need to move on to effective implementation for the welfare of the Society. It will be the major issue in the Technical Director's term.**

WHY I AM RUNNING

Having served as a member of the Task Committee on Governance Re-structuring for over three years, I am committed to successful implementation of the required change. I believe that having been active on both this committee and the President's Task Committee on Institutes Operations provides me insights that will be unique in fulfilling one of the main purposes of this Director, which is to implement the new governance of ASCE. My experience as past-President of the Environmental and Water Resources Institute and a member of the Council of Institute Leaders provides me with knowledge and understanding of the needs and requirements of the technical side of ASCE which this position represents. I have also attended the majority of the ASCE Board of Direction meetings representing Institute needs over the past ten years. During these meetings I have observed and interacted with the Board many times. These relationships and my service on Presidential task committees with present Board members provides me with unique capabilities for representing the technical activities side of the Society. I have also served in all parts of the ASCE volunteer structure during the past three decades, including local Sections and the Management and Education Divisions. I believe this diverse experience provides me with the abilities to **best represent you** on the ASCE Board of Direction.

VISION AND LEADERSHIP

The Board of Direction needs members with both vision and leadership capabilities. I believe I have exhibited these qualities at all other levels of ASCE and look forward for the opportunity to continue doing so at the Board level. I believe that the single most important goal of the term for the newly created Technical Director position will be the establishment of effective procedures for communication with the Society's technical groups, so that effective representation is provided at the Board level.

Another initiative that I believe is very important for ASCE is the evolution of the 2001 ASCE initiative to "Raise the Bar" in educational requirements for practice of engineering at the professional level (licensure). As part of this initiative, ASCE defined the Body of Knowledge (BOK) required of civil engineers as a prerequisite for licensing. ASCE also established the Committee on Academic Prerequisites for Professional Practice (CAP³) to take actions to implement this concept. That committee and its sub-committees will be continuing for a number of years to develop and implement this initiative, in response to the dilution of the requirements for the Bachelor's degree over the past decades.

ASCE has also established its first certification Board, the American Academy of Water Resources Engineers, to provide a post licensure credential that provides recognition of advanced expertise in a technical specialty, superior experience, strong ethics and a commitment to life-long learning and continuing professional development. This effort builds on the BOK in establishing the credentials required for this certification.

As the first President of the ASCE American Academy of Water Resources Engineers, I believe that as a Director of the Society, I would have a unique opportunity to provide vision and leadership in influencing the development of similar certifications for other technical specialties in ASCE.

EXPERIENCE/BIOGRAPHY

Jeff Bradley is the President of WEST Consultants, Inc., a water resources engineering firm that he founded over eighteen years ago. He is a nationally recognized expert with thirty years of experience in water resources engineering, hydraulics, hydrology, and sediment transport in the private sector, with the Corps of Engineers, and at Colorado State University. His career has encompassed public, private, and academic positions, giving him a broad understanding of the civil engineering profession.

He is the first President of ASCE's American Academy of Water Resources Engineers (AAWRE). He is past-President of the ASCE Environmental and Water Resources Institute and was a Governing Board member from the Institute's inception in 1999 through 2002. He was a Member of the ASCE President's Task Committee in Governance Restructuring, a Member of the President's Task Committee on Institutes, and is Chair of the ASCE National Water Policy Committee.

Dr. Bradley was Chair and a Member of the Executive Committee of the ASCE Water Resources Engineering Division and past Chair of the ASCE Sedimentation Committee. He has served as a member and Chair of many other ASCE technical committees. He has also been involved in ASCE activities at both national and local levels; having served on national Engineering Management Division committees; and has held committee chairs in Oregon, Washington, and Colorado, as well as having been Director and Treasurer of the Oregon Section.

Jeff is a Fellow of ASCE and has been actively involved in the Society since becoming the Oregon State University Student Chapter Secretary in 1972. He is also a member of ASFPM, APWA, AWRA, AGU, AESR, IAHR, and IECA. He was a 2000 recipient of the Oregon Stater Award and is a Member of Oregon State University's Academy of Distinguished Engineers.

Dr. Bradley has written over seventy-five professional papers and reports in the fields of hydraulics, hydrology, and sedimentation engineering. He is editor of the books: *The Physics of Sediment Transport by Wind and Water: A Collection of Hallmark Papers by R.A. Bagnold* and *Gravel Bed Rivers and the Environment*. He has also taught many short courses, including Bridge Scour and HEC-RAS River Analysis System for the American Society of Civil Engineers; HEC-6; Sedimentation in Rivers and Reservoirs; Streambank Stabilization for the International Erosion Control Association; Sedimentation in Forested Watersheds; Mudflows and Alluvial Fan Flooding; and HEC-RAS River Analysis System for the National Highway Institute.

EDUCATION

Ph.D. (Civil Engineering – Hydraulics), Colorado State University

M.S. (Civil Engineering – Water Resources, Geotechnical), Oregon State University

B.S. (Civil Engineering) – Oregon State University

CERTIFICATION

Diplomate, American Academy of Water Resources Engineers

REGISTRATION

Arizona, California, Colorado, Idaho, Oregon, Washington

AWARDS

ASCE, EWRI Outstanding Vision, Service and Leadership as Founding Member of Governing Board – 1999

Oregon Stater Award, Academy of Distinguished Engineers - 2000

ASCE, EWRI Outstanding Vision, Service and Leadership Award as President – 2002

Life Member National Registry of Who's Who

ASCE NATIONAL COMMITTEE AND CONFERENCE ASSIGNMENTS (partial list)

- *President, ASCE American Academy of Water Resources Engineers, 2004 – Present*
 - *Chair, ASCE National Water Policy Committee, 2002 – Present*
 - *Member, ASCE President's Task Committee on Institute Operations, 2001 – Present*
 - *Member, ASCE President's Task Committee on Governance, 2001 – Present*
 - *President, Governing Board Member, Environmental and Water Resources Institute, 1999 – 2002*
 - *Chair, EWRI Awards and Nominations Committees 2000 – 2002*
 - *Chair, ASCE Executive Committee, Water Resources Engineering Division, 1994 – 1998*
 - *Control Member, ASCE Task Committee to Revise Manual 54, The Sedimentation Manual*
 - *Chairman and Member, ASCE Sedimentation Committee, 1986 – 1991*
 - *Member, ASCE Organizing Committee, National Conference on Hydraulic Engineering, San Diego, 1990*
 - *Member, ASCE Task Committee on the Analysis of Laboratory and Field Sediment Data Accuracy and Availability, 1987 – 1989*
 - *Conference Coordinator, Colorado Water Engineering and Management Conference, Ft. Collins, CO, 1987*
 - *Member, ASCE Task Committee on the Effects of High Concentrations on Flow and Sediment Transport 1983 – 1986*
 - *Zone III Member, ASCE Committee on Engineering Management at the Individual Level (EMIL), 1985 – 1989*
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ASCE SECTION COMMITTEES (partial list)

- *Chairman, ASCE Seattle Section, Engineering Management Committee, 1993-1996*
- *Chairman, ASCE Colorado Section Program, Awards and Continuing Education Committees, 1984-1987*
- *Treasurer, ASCE Oregon Section, 1981-1982*
- *Director, ASCE Oregon Section Board of Directors, 1980*

***TYPICALLY ONLY 7% OF ELIGIBLE MEMBERS VOTE. THIS YEAR IT CAN BE
DONE ELECTRONICALLY. EXERCISE YOUR RIGHT TO VOTE!***