

## William A. Wallace

1400 Overlook Drive, Steamboat Springs, Colorado, USA 80487  
Tel +1(970)879-1122, Fax +1(970)871-7923, Mobile +1(970)819-2188  
Email: [bill.wallace@wallacefutures.com](mailto:bill.wallace@wallacefutures.com) Website: <http://wallacefutures.com>

William A. (Bill) Wallace is a recognized leader in the field of sustainability, serving on several national and international professional society committees and operating a successful consulting practice. His book, *Becoming Part of the Solution: The Engineer's Guide to Sustainable Development*, has been a "best seller" for the American Council of Engineering Companies (ACEC).



Bill is the inventor and lead designer of the Envision™ sustainable infrastructure rating system. This is a system that helps project owners and engineers determine the extent to which their infrastructure projects contribute to sustainability. Envision is managed by the Institute for Sustainable Infrastructure (ISI) in Washington, DC. ISI was founded by the American Society of Civil Engineers, the American Public Works Association and the American Council of Engineering Companies. Also, ISI is partnered with the Zofnass Program for Sustainable Infrastructure at the Harvard University Graduate School of Design. Since going live in 2012, ISI has given awards to 4 projects with a total constructed value of over \$100 million. Twenty more infrastructure projects are now in the verification stage of the Envision award process. Bill also designed the Envision Sustainability Professionals (ENV SP) and the Verifier accreditation courses as well as the tests. Currently, there are over 2800 ENV SPs and over 60 Verifiers.

For this work, Bill received *Engineering News-Record's* 2013 Award of Excellence, and the American Society of Civil Engineers (ASCE) President's Medal in 2014. He was also nominated by ASCE for the U.S. National Medal for Technology and Innovation.

Bill has over 40 years of professional experience, including 30 years in the field of environmental engineering and management. He spent 21 years at CH2M Hill holding various senior management positions including a three-year term on the board of directors. Bill directed the firm's hazardous waste management group and assisted in its development into a national leader in hazardous waste site remediation. On multiple occasions, he was invited to give testimony to U.S. Congressional Committees on the use of innovative technologies in hazardous waste site cleanup. At CH2M Hill, Bill started the firm's sustainable engineering practice, and led its foray into the Olympic Games. CH2M Hill provided environmental and engineering support services to Atlanta, Sydney, Salt Lake City, Beijing and London.

Bill is currently an adjunct lecturer for the University of Florida's distance learning graduate education program, teaching "Principles of Green Engineering Design." This course (ENV 6617) is part of a three-course series leading to a Sustainable Engineering Certificate from the Department of Environmental Engineering Sciences. In addition, Bill has designed and delivered ASCE's new 25 module on-line course, "Engineering for a Sustainable Future: Principles and Practices for the Built Environment". This course is

the central part of the ASCE's Sustainable Infrastructure Education (SIE) program. Bill also prepared the course proficiency exam.

Bill is currently a member of the Board of GeoEngineers, Inc., and a past member of the Board of the International Society of Sustainability Professionals (ISSP). In the past, Bill served as a Liaison Delegate to the World Business Council for Sustainable Development, an international organization of over 200 multi-national companies, all with a shared commitment to sustainability. He also served as the President and member the Governing Board of Engineers Without Borders-USA, and Secretary and member of the Board of Engineers Without Borders-International.

## **Personal**

Bill and his wife Diane live in a passive solar home in Steamboat Springs, Colorado where between projects they enjoy the many winter and summer recreational activities in this mountain community. Diane teaches English as a second language at the local community college. Both serve on local committees that involve social, cultural and environmental issues. They have two children, Kate and Jane, and three grandchildren.

## **Education**

Clarkson University  
Potsdam, New York  
BS, Chemical Engineering

Rensselaer Polytechnic Institute  
Troy, New York  
MS, Management

Harvard Business School  
Cambridge, Massachusetts  
Advanced Management Program (AMP 104)

## **Papers, Presentations**

Bill is a frequent lecturer on sustainable engineering at several universities. He has been an invited lecturer at the University of Florida (Ohanian Lecture Series), Carnegie-Mellon University (Distinguished Lecturer Series) and Clarkson University. He has authored over 60 technical papers, presentations and invited U.S. Congressional testimony covering subjects such as hazardous waste management, environmental technology, engineering standards, and sustainable development.

## **Professional Memberships**

- GeoEngineers, Inc., Seattle, Washington, Member of the Board of Directors
- International Society of Sustainability Professionals, Member of the Board of Directors
- World Business Council for Sustainable Development, Past Liaison Delegate
- International Federation of Consulting Engineers (FIDIC), Past Chairman of the Sustainable Development Committee
- American Society of Civil Engineers, member of the Committee on Sustainability
- Engineers Without Borders-USA, Past President
- Engineers Without Borders-International, former member of the Board

## **Community Activities**

- Clarkson University, Former member of the Engineering Advisory Committee
- Appointed to the Steamboat Springs Stormwater Task Force

## **Awards Received**

- American Society of Civil Engineers President's Medal in 2014 (Creation and leading the development of the Envision sustainable infrastructure rating system, Chair of the International Conference on Sustainable Infrastructure, Long Beach, CA, November 6-8, 2014)
- Engineering News-Record's Award of Excellence in 2013 (Creation and leading the development of the Envision sustainable infrastructure rating system)
- Colorado Association of Black Professional Engineers and Scientists (CABPES) Recognition Award (Helped the organization prepare their first strategic plan)
- Colorado Law Enforcement Association Meritorious Citizenship Award (Came to the rescue of a woman who was being assaulted)
- Hazardous Waste Action Coalition Service Award (President)
- U.S. Environmental Protection Agency, Bronze Medal (Branch Chief of the RCRA Enforcement Program, development of hazardous waste enforcement policies and programs)
- George A. Hogaboom Best Paper Award, American Electroplaters' Society