



INCREASE SUSTAINABILITY IN HAWAII'S INFRASTRUCTURE & ENGINEERING PROJECTS

One-day Workshop on sustainable engineering & planning to support Hawaii's Agencies and Private Companies in developing and operating sustainable projects and infrastructure projects

Tuesday, April 14, 2015, 8:00 am – 4:30 pm, 1001 Bishop St., 8th Floor, Room 1

Organized by the Sustainability Committee of the ASCE Hawaii Section

PLEASE REGISTER TO SECURE YOUR SEAT; ATTENDANCE IS LIMITED TO 80 SEATS



William A. (Bill)
Wallace

Keynote Speaker & Sustainability Expert

William A. (Bill) Wallace: Recognized leader, author and speaker in the field of sustainable development, engineering and infrastructure. Bill is the inventor and lead designer of the Envision™ sustainable infrastructure rating system. Envision™ is a system that helps organizations, project owners, designers and planners determining the level of sustainability of their infrastructure & development projects.

Morning Panel: **George I. Atta**, Director, Department of Planning and Permitting, C&C of Honolulu. **Todd C. Barnes**, Chief, Engineering & Construction Div., US Army Corp of Engineers; **Ian L. Sandison**, Environmental Law, Partner, Carlsmith Ball LLP;

Afternoon Panel: **Representative (TBD)**, Honolulu Authority for Rapid Transportation (HART); **Deepak Neupane**, Director of Planning and Development, Hawaii Community Development Authority (HCDA); **Tim Steinberger**, Fr. Director, Department of Environmental Services (ENV), C&C of Honolulu.

Topics that will be discussed

- The importance and impact of infrastructure and its contribution to the economy, both domestic and global and the urgent need to increase sustainability.
- The nature and scope of changes in the external environment that will require changes as to how we design construct and use the built environment.
- Consequences of not taking appropriate and timely action to build sustainable infrastructure.
- Overview of engineering and tools and techniques that can be employed in sustainable engineering, planning and infrastructure development.
- The importance of considering the integration of green buildings into a sustainable infrastructure.
- Reasons why Hawaii as an island state is subjected to greater challenges in regard to sustainable engineering and planning.
- Introduction to ENVISION, a new rating system for sustainable development and infrastructure.

Agenda

7:30 am	Registration, Continental Breakfast (provided), Networking
8:00 am	Welcome and Introductions
8:10 am	Technical session: Sustainability, the most misunderstood issue in the 21st century; Overview about sustainable planning & design tools; Changing operating environment
9:15 am	Morning Break
9:30 am	Technical session: Introduction to <i>ENVISION</i> ™ –Rating system for sustainable infrastructure
10:30 am	Morning Panel: The role of sustainability in government, agencies and public policy; presentations, discussions, Q&A
11:30 am	Lunch break (lunch provided)
12:45 pm	Technical session: Sustainable project delivery; cases of successful projects
1:45 pm	Afternoon Break
2:00 pm	Afternoon Panel: Hawaii projects – lessons learned and future plans; Moderated by Bill Wallace
3:10 pm	Technical session: The future of sustainable development and infrastructure
4:10 pm	Closing Remarks: Hawaii - Where do we go from here?
4:30 pm	Adjourn

WORKSHOP FEES: include handouts, continental breakfast, refreshments, and catered lunch.

\$ 60 for ASCE Hawaii Section Members

\$ 75 for Non-ASCE Hawaii Section Members

\$ 25 for ASCE Student Chapter members (first 10 students)

CE units for LEED and AIA: Six (6) of the workshop sessions qualify for one CE unit each; CE units to be self-reported, certification of attendance is provided.

Questions? Please contact Manfred Zapka, PhD, PE, Chair of the ASCE Hawaii Section Sustainability Committee, at sustainabledc@gmail.com or call at 808-265-6321.

REGISTER BY: MONDAY APRIL 6, 2015

Please go to the following link to register: (even if you pay by check) **Go to: <http://bit.ly/1KFzVwF>**

PAY BY: ☐ **Credit Card using the above link**
(additional fees apply)

☐ **Check; Please send check payable to:**
(do not forget to register online)

ASCE Hawaii Section

c/o Eric Arakawa

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