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## **Steven Baldrige presents at CTBUH “Tall and Green: Typology for a Sustainable Future” conference**

**Honolulu, HI** – Steven M. Baldrige, P.E., S.E., President of Baldrige & Associates Structural Engineering (BASE), recently travelled to the Middle East to meet with international clients and present a paper entitled “Tall Structural Sustainability in an Island Context: The Hawaii Experience” to the Council on Tall Buildings and Urban Habitat (CTBUH) at this year’s 8<sup>th</sup> World Congress. The conference was held from March 3 - 5 in Dubai, UAE.

CTBUH studies and reports on all aspects of the planning, design and construction of tall buildings. The conference, entitled “Tall and Green: Typology for a Sustainable Future,” debated the role that tall buildings have in future sustainable urban development.

Baldrige’s paper examined high-rise projects in an island context from the most remote large city in the world: Honolulu. From a social standpoint, there is some local opposition to building taller. For projects that are approved, the challenges of construction include availability of both labor and materials along with the logistics of shipping. Unexpected consequences of floor area and height restrictions have resulted in building designs that are optimized both from a functional use and structural systems approach resulting in reduced material requirements and thus sustainability.



Mr. Baldrige was also a member of the Scientific Committee/Review Board for the conference. The 854-page conference proceedings is the most comprehensive state-of-the-art compilation of papers on the sustainable design of tall buildings and is available through the CTBUH.

During the conference, attendees were given a tour of the world's tallest building, currently being developed by Emaar. Emaar is one of the world's leading real estate companies, with operations in 16 countries, focusing primarily on properties in the residential, commercial retail and hospitality sectors. Operations span across various aspects of real estate development, including land identification and acquisition, project planning, designing, marketing and execution. BASE is currently doing consulting work for Emaar on several international projects.

After the conference, Mr. Baldrige continued on to meet with clients in Qatar and India. The success of BASE in optimization of structural design in Hawaii has resulted in inquiries for services by both mainland and international developers.



For more information regarding CTBUH, please visit [www.ctbuh.org](http://www.ctbuh.org). For information regarding the conference, please visit [www.ctbuh2008.com](http://www.ctbuh2008.com).

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*Established in 1995, Baldrige & Associates Structural Engineering, Inc. is a full-service structural engineering and forensic consulting firm that evaluates each project from the client's point of view. Emphasis is placed on schedule, economy and detail as reflected by the unique needs of the client and their project. This commitment has led the successful completion of projects of in Hawaii, Guam, Korea and on the mainland.*