



October 30-31, 2015 National Taiwan University, Taipei, Taiwan
4th International Workshop on Design in Civil and Environmental Engineering

Introduction

Design has long been considered a discipline in many engineering fields, with its own faculty, research and education communities, conferences and journals. Although design is a critical part of civil and environmental engineering, it has typically been housed within each of the civil domains, shrouded by analysis, replaced by standards and building codes, and unable to cross the disciplinary boundaries as it was meant to do. Yet, many of the greatest challenges that humanity will face in the 21st century will require civil and environmental engineers to develop creative and innovative solutions that will radically alter our infrastructure and the built environment.

We are pleased to invite you to the 4th International Workshop on Design for Civil and Environmental Engineering where we will explore the nature of design in civil and environmental engineering and establish the foundation for civil design research. The theme of this year's workshop is design education for future civil and environmental engineers. The workshop will feature tutorials and keynote presentations on this subject. The papers in the technical sessions will address a wide variety of topics related to design in CEE while the working group sessions will provide an opportunity for more in-depth discussion. Laboratory tours and a technical tour will also be arranged.

Call For Papers

You are cordially invited to submit a paper for the 4th International Workshop on Design in Civil and Environmental Engineering. Original research papers, educational and professional case studies, and editorial essays are all welcome. Papers must be original, unpublished, written in English, and prepared using the template provided.

Topics

Topics include but are not limited to:

- * The Need for Design as a Discipline in CEE
- * Design Methods & Engineering Design Theories for CEE
- * Routine vs. Creative Design in CEE
- * Creative Design Case Studies in CEE
- * Interdisciplinary Design: Civil Engineering at the Boundary
- * Design Education in CEE and Related Fields
- * Simulation: Integrating Design and Analysis in CEE
- * Bridging the Gap Between Civil, Urban and Architectural Engineering
- * Building a Civil Design Community

Important Dates

Abstract submission due :	March 31, 2015
Notification of abstract acceptance :	April 15, 2015
Full paper submission due :	June 15, 2015
Notification of full paper acceptance :	July 15, 2015
Final paper due:	August 31, 2015
Early registration due :	September 15, 2015
Conference date :	October 30-31, 2015

Updated Information

Updated information on technical sessions, kenotes and invited lectures, registration fees, papers preparation, accommodations and other related affairs will be posted on the conference web site: <http://dcee2015.info>

Workshop Chairs

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