

SURVEY AND WORKSHOP ON LIFE-CYCLE PERFORMANCE OF CIVIL STRUCTURE AND INFRASTRUCTURE SYSTEMS

Monday, September 21, 2015

Task Group 1 of the Technical Council on Life-cycle Performance is developing a state of the art report outlining the current status and research needs to implement life-cycle concepts in engineering practice. In addition, this publication will provide a review of the main life-cycle methodologies and tools and a set of recommendations on how to implement them into design codes and standards in order to support and advance the civil engineering profession.

Survey

To help develop this document the Task Group is conducting a Survey on Life-Cycle Performance of Civil Structure and Infrastructure Systems. The goal of this survey is to assemble information from researchers and experts involved in the development and the implementation of criteria, methods and tools for life-cycle design and assessment of civil structure and infrastructure systems. Fill out the survey today (<http://goo.gl/forms/sWU4L5et73>) .

The deadline for completing the survey has been recently extended to October 12th, 2015.

Survey results will complement information on the state of practice that will be synthesized and published in the ASCE report and will be used as a focus of a one-day Workshop on Life-Cycle Performance of Civil Structure and Infrastructure Systems to be held on November 10, 2015, at ASCE Headquarters in Reston, VA, just outside Washington, D.C.

Workshop

The SEI/ASCE TC TG1 Workshop on November 10, 2015, is by invitation only, and no registration fee is requested. The Technical Program will be made available by October 15th. If you are interested in attending and contributing the Workshop, please fill in the dedicated section included in the survey.

We hope that this effort will contribute to promote the application of life-cycle concepts in design practice, influence the development of structural design codes and standards, and enhance the state of the civil structures and infrastructures to protect the public safety and improve the quality of life.

Technical Council on Life-cycle Performance

The research and applications in the field of life-cycle assessment, prediction, and optimal management of structure and infrastructure systems under uncertainty is promoted within the Structural Engineering Institute (SEI) of the American Society of Civil Engineers (ASCE) by the Technical Council on Life-Cycle Performance, Safety, Reliability and Risk of Structural Systems, Task Group 1 on Life-Cycle Performance of Structural Systems under Uncertainty.

For more information about the Technical Council's activities see their webpage.

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