



# IALCCE 2012

Third International Symposium  
on Life-Cycle Civil Engineering

3 - 6 October 2012  
Hofburg Palace, Vienna, Austria

## IALCCE

The Symposium is organized on behalf of International Association for Life-Cycle Civil Engineering (IALCCE) under the auspices of the University of Natural Resources and Life Sciences. IALCCE ([www.ialcce.org](http://www.ialcce.org)) is a young Association founded in October 2006. Its activities encompass all aspects of life-cycle assessment, design, maintenance, rehabilitation, and monitoring of civil engineering systems.

The International Symposium on Life-Cycle Civil Engineering is a biennial event. In 2012, Austria will host the Symposium for the first time. The IALCCE 2012 Symposium provides an opportunity for academics, engineers, architects, and builders from Austria, Europe, and around the world to keep themselves up to date with latest developments in the field of life-cycle civil engineering.

## Mini - Symposium MS 2-1:

### Life-Cycle Cost Analyses

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Life-cycle cost analyses are important for developing technically based and economically justified strategies. On the one hand types of bridges to be invested in future can be identified on the other hand the optimal point of time for renewal needs to be fixed. For identifying the point of time of renewal the right measure for existing objects, either executing further maintenance actions or already renewing the object must be chosen.

The main parameters for these models are the utilization time, investment cost, maintenance cost and the rate of interest. Furthermore speed restrictions as cost relevant consequences for the train operators should be taken into account.

Thus life-cycle cost models get more and more importance for the owner of the objects. Within this Mini-Symposium different models and strategies based on these models will be discussed. Furthermore the main parameters utilization time and possible maintenance work will be focused.

Authors developing life-cycle cost models or parameters for these models should submit 300-word abstracts to the chairs of the Mini-Symposium by May 31, 2011.