



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) 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 6-4:

Life Cycle Cost Analysis and Risk Analysis for buildings

Thomas Lützkendorf, Karlsruhe Institute of Technology, Karlsruhe, Germany
Susanne Geissler, Austrian Sustainable Building Council, Vienna, Austria

This Mini-Symposium is part of the topic "Life-Cycle-Analysis of buildings" and the findings of all parts will be brought together in a special session.

Life Cycle Cost Analysis and Risk Analysis are topics of growing importance in the building sector. Discussion on LCC of buildings gained importance due to the fact, that investment costs of sustainable buildings can be higher than average buildings, whereas operation costs can be lower. Therefore there is the approach to optimise costs taking the entire life cycle of the building into account. Different methodologies have been developed for the evaluation of LCC and the assessment of risks.

This Mini-Symposium provides the opportunity to disseminate and discuss experiences regarding economic aspects of Risk Analysis and Life-Cycle Cost Analysis of residential and non-residential buildings. We welcome contributions which address the challenge of optimising cost parameters, taking into account cultural and social aspects.

Special topics are

- Methodological approaches of Life-Cycle-Cost Analysis for new buildings, existing buildings and refurbishments
- Approaches for Risk Analysis of buildings
- Practical experiences and demonstration projects
- Optimisation strategies of the Life Cycle Cost Performance for new and existing buildings

Authors should submit 300-word abstracts to the chairs of the Mini Symposium by May 31, 2011.