



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 6-9:

Sustainability Certification of New and of Existing Buildings

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In the past few years a various number of building certification systems for life-cycle-optimised buildings (e.g. LEED, BREEAM, HQE, DGNB, ÖGNI and TQB) were placed on the market to endorse green and sustainable buildings. Recently there has been an increasing demand for such labels. In these building certification schemes aspects of sustainability (economic, social and environmental as well as functional and technical) are considered very different - especially regarding the assessment of the environmental and economic performance.

Further independent development of tools and certification systems for Green and Sustainable Buildings on the national level leads to divergence and the risk that barriers to trade will develop.

This Mini-Symposium will provide the opportunity to disseminate and discuss experiences regarding tools and certification schemes for the implementation of life-cycle-optimised buildings.

Special topics are:

- Comparison of methodological approaches in different certification schemes for Green and Sustainable Buildings in general
- Comparison of methodological approaches for the assessment of the environmental and economic life cycle performance
- Assessment of the functional and technical performance
- Practical experiences and case studies
- Integrated Design Process and quality assurance by certification systems
- Education and Training for Sustainable Buildings Planning

Authors should submit 300-word abstracts to the chairs of the Mini-Symposium by July 15, 2011.