New Publication


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Summary

These are the proceedings the 11th International Conference on Durability of Building Materials and Components “Globality and Locality in Durability”, in Istanbul, Turkey, in May 2008. This conference represents the 11th triennial in a series, in which the previous ten were held in Ottawa (1978), Gaithersburg (1981), Espoo (1984), Singapore (1987), Brighton (1990) Omiya (1993), Stockholm (1996), Vancouver (1999), Brisbane (2002) and Lyon (2005).

The intent of this conference was to gather information on and provide a forum for review and discussion of the most recent theoretical, experimental and field research work completed in this domain. Hence the primary research themes on which the conference was based covered a wide range of areas.

Four Volumes

The proceedings are available in 4 volumes.

- The first volume “Durability of Building Materials I” contains papers focusing on the strength and durability of cement-based materials.
- The second volume “Durability of Building Materials II” contains six parts each reflecting those contributions specific to the durability of
non-cementitious building materials, namely: wood and wood components, building gaskets and sealant products, natural and artificial stone, surface coatings and paints, polymer-based building materials and composites, and innovative materials and products for durability.

- The third volume "Durability of Systems and Components in Buildings and Response of Building Elements to Environmental Loads" contains six parts. Within the context of "Durability of Systems and Components in Building" the first four parts provide those papers related to masonry, tile and stucco, roofing materials and systems, facades and curtain walls and the preservation and refurbishment of historical buildings.

- The section on the "Responsive of Building Elements to Environmental Loads" focuses on two parts, namely: climate loads on buildings, and hear and moisture transfer across the building envelope. Service Life Prediction and Planning Methodologies, Risk Analysis Approaches, Durability and Sustainable Buildings and Building Maintenance and Pathology, are comprised in the fourth volume in which the collected works are presented in eight parts, starting with service life planning and followed by service prediction methods, probabilistic and reliability models that relate to service life prediction, development of guides, regulations and standards on service life planning, service life and sustainable design methods and technologies, Life Cycle Analysis (LCA) and sustainable and durable design, and pathology surveys and diagnostic tools and maintenance planning and procedures.

These proceedings will be of interest to researchers, designers, civil engineers, and experts practitioners in building construction, as well as manufacturers and construction materials, components and systems.

**Format and Price**

The proceedings have been published in four volumes with approximately 2000 pages and a CD-ROM.

To order the proceedings or find out about the price please contact:
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