

**Second International Conference on
SUSTAINABLE CONSTRUCTION MATERIALS
AND TECHNOLOGIES**

**June 28 - June 30, 2010
Ancona, Italy**

PROCEEDINGS OF SPECIAL TECHNICAL SESSIONS:

**AUT, CONCRETE TECHNOLOGY AND DURABILITY RESEARCH CENTER, IRAN
CSIC, CORROSION AND DURABILITY OF CONCRETE STRUCTURES, SPAIN
EPRI, ELECTRIC POWER RESEARCH INSTITUTE, USA
ACI COMMITTEE 229, CONTROLLED LOW-STRENGTH MATERIALS, USA
E.VI.PAR., INDUSTRIAL BY-PRODUCTS R AND D ASSOC. GREECE
NTEC, NOTTINGHAM TRANSPORTATION ENGINEERING CENTRE, UK
SUPPLEMENTARY PAPERS**

Edited by:

**Peter Claisse & Eshmaiel Ganjian
Coventry University, Coventry, U.K.**

and

**Fethullah Canpolat & Tarun R. Naik
UWM Center for By-Products Utilization, Milwaukee, Wisconsin, USA**

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PREFACE

The Second International Conference on Sustainable Construction Materials and Technologies was held from June 28 to June 30, 2010, in Ancona, Italy. The conference goal was to highlight case studies and research on new and innovative ways to achieve sustainable construction practices through use of novel construction materials and technologies. Over 350 abstracts from 50 countries were submitted for consideration for presentation and publication at the conference. After the selection of abstracts, over 150 manuscripts were received. These and other invited papers were presented at many technical sessions in Ancona. This publication contains a record of the papers selected for presentation at six special sessions held at the conference. This volume also includes the supplementary papers for the conference that were accepted but were received late for the main proceedings of the conference.

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The editors, members of the Organizing Committee, Technical Committee, and International Advisory Committee wish to thank the authors, session chairs, and organizers of each special session for their contribution. These contributions for furthering sustainability in construction through this proceedings book are acknowledged. All the manuscripts printed in this book are being published without detailed reviews. The authors are encouraged to publish these papers in the technical journals of the American Society of Civil Engineers, Institution of Civil Engineers, American Concrete Institute, or other technical journals of their choice.

Editors: Peter Claisse, Eshmaiel Ganjian, Fethullah Canpolat, and Tarun R. Naik

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SUSTAINABLE CONSTRUCTION MATERIALS AND TECHNOLOGIES**

**AUT, CONCRETE TECHNOLOGY AND DURABILITY RESEARCH CENTER
TEHRAN, IRAN**

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