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International Scientific Conference “People, Buildings and Environment 2018 (PBE)”

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Foreword

The 13th edition of the International Scientific Conference PEOPLE, BUILDINGS AND ENVIRONMENT (PBE2018) was organized by the Brno University of Technology, Faculty of Civil Engineering in cooperation with the Riga Technical University. The conference was held in Brno, Czech Republic from 17th to 19th October 2018.

PBE is a middle-sized conference, convened biennially in order to address current research issues related to two main specific areas which are *Economics and management of sustainable construction* and *Water and landscape engineering*.

Conference started with a welcome reception, followed by two keynote lectures, parallel oral presentation sessions, poster session and social part of the event. Keynote speeches were delivered by Prof. Juris Smirnovs from the Riga Technical University, Latvia, and Prof. Anca Constantin, from the Ovidius University in Constanta, Romania, respected researchers in the main conference fields. Prof. Smirnovs gave an engaging lecture about “Road Traffic Safety in Latvia” and Prof. Constantin spoke about “Considerations on Water Pumping Station Operation in the Context of Sustainable Development”.

Authors from 12 different countries presented their papers within six specialized sessions. All the accepted papers underwent double blind peer review process that was carried out by the Editorial Committee and also language proofreading in order to achieve high standard of the entire proceedings. In this connection, we would like to thank to all members of the Scientific Committee for their valuable contribution.

PBE2018 has provided multidisciplinary forum of knowledge, current research results as well as challenges for future research. Most of the papers that were presented at the conference highlighted the need to address sustainability topic in relation to construction. Among others, this may include the life cycle costs approach, service life estimation, energy efficiency of buildings or usage of advanced technologies and methods such as BIM, fuzzy logic or support vector machine. Other papers dealt with floods, irrigation, monitoring of sediments in the rivers, quality of indoor environment or evaluation of waste water treatment plants.

We would like to thank to all authors for their contributions to the conference, the members of the Organizing and Scientific Committee, speakers and all conference participants for their personal support to PBE2018.

PBE2018 Editorial Committee

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