Proceedings of the Final Conference in Innsbruck

Sustainability of Constructions Towards a better built environment





Earth material and buildings: sustainable constructions techniques Silvia Briccoli Bati and Elena Cinquina	103
Properties of Geopolymeric Artificial Aggregates obtained from Tungsten Mine Waste Mud, for Wastewater Treatment Processes Isabel Silva, João Castro-Gomes and António Albuquerque	111
Embodied energy optimization by innovative structural systems Matthias Braun, Oliver Hechler, Gunter Hauf and Ulrike Kuhlmann	117
Development of a Universal Scissor Component (USC) for Temporary Structures Lara Alegria Mira and Niels De Temmerman	125
Aiming at Sustainability through Multi-layering for the Cyprus News Agency Building Proposal Paris Fokaides, Marios C. Phocas and Nadia Charalambous	133
Improving the seismic behavior of architectural glazing Roham Afghanikhorasgani, Tiziana Poli and Maria Adelaide Parisi	141
Innovative Technologies for Sustainable Houses with Steel Yesim Kamile Aktuglu	147
Sustainable building assessment tools and the quality of the built environment Mirela Szitar and Daniel Grecea	155
Analysis of the impacts of economic and social indicators to sustainability assessment Joana B. Andrade and Luís Bragança	163
Examination of Turkish House in the Context of Sustainability Mine Tanaç Zeren	169
Role of Codes for Sustainability Assessment of Constructions Violeta Nushi and Ferhat Bejtullahu	175
How Durability is considered in Sustainability Codes? Bruno Daniotti and Reza Raeis Samiei	183
Standards for Sustainability Assessment of Construction Works António Baio Dias and Ari Ilomäki	189
Improving the Design of a Residential Building Using the Portuguese Rating System SBToolPT Luis Bragança and Ricardo Mateus	197
Development of a sustainability assessment tool for office buildings José Amarilio Barbosa, Ricardo Mateus and Luís Bragança	205
Selecting Environmental Friendly Alternatives in Infrastructure Projects Fernando Rodríguez López and Gonzalo Fernández Sánchez	215
Czech assessment system SBToolCZ Antonín Lupíšek, Martin Vonka and Petr Hájek	221