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Titolo	Advanced building construction and materials 2013 : selected, peer reviewed papers from the 2013 International Conference on Advanced Building Construction and Materials 2013 (ABCM 2013), September 26-27, 2013, Kocovce, Slovakia / / edited by Milan Palko and Karin Deakova
Pubbl/distr/stampa	Zurich, Switzerland : , : Trans Tech Publications, , 2014 ©2014
ISBN	3-03826-331-1
Descrizione fisica	1 online resource (268 p.)
Collana	Advanced Materials Research, , 1662-8985 ; ; Volume 855
Altri autori (Persone)	PalkoMilan DeakovaKarin
Disciplina	624.18
Soggetti	Building materials Construction industry Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and indexes.
Nota di contenuto	Advanced Building Construction and Materials 2013; Preface, Committees and Sponsors; Table of Contents; Chapter 1: Degradation of Building Materials; Degradation of PVC-P Membranes in Flat Roof Compositions; Progressive Ways of the Waterproofing of Buildings; Analysis of Effects Influencing Protruding Building Components; Facade Rendering Disorders of Building Envelopes and the Classification the Underlying Factors of Creation Failures; Damage of the Wood by Biological Factors, Fire and Methods of its Protection; Chapter 2: Energy Saving and Ecological Buildings Classification and Basic Economic Quantification of Renewable Energy Sources for the Sustainable Architecture DesignCommon Characteristics of Zero Energy Buildings in Relation to the Energy Distribution Networks; New Physical-Energy Quantification of Buildings in the Development of the Technology in Architecture for a Sustainable Society; Energy Efficiency of Building Envelopes; Analysis of Energy Balance in Elementary School Building; Development of a Mathematical

Model for the Three-Dimensional Accounting of Economic Feasibility of Energy-Efficient Buildings
The Impact of the Dynamic Facade Elements on the Energy Balance of the Reference Building in WinterInfluence of Facade Colour on Yearly Energy Need; Aesthetic and Technical Problems of Renovated Residential Buildings Facade - Prevention of Defects; The Results of Experimental Chamber Temperature Measurements for a Light-Weight Wooden Envelope; Renewal of Panel Residential Houses from the Point of View of Energy Criterion; Chapter 3: Thermal Performance of Building Materials and Constructions; Long Time Testing of Temperature Parameters of Wooden Lightweight External Walls
Long Time Testing of Temperature Parameters in Selected WindowsDynamic Thermal Properties of Uninsulated Rammed Earth Building Envelopes; Renewal of Envelope Constructions of Panel Residential Houses as a Tool for Elimination of Hygienic Problems of Thermal Bridges; Physical Assessment of a Window Using a Computer Simulation; Importance of Envelope Construction Renewal in Panel Apartment Buildings in Terms of Basic Thermal Properties; Program for Quantification Temperature and Aerodynamic Mode of Double-Skin Facade
Influence of Exact Values of Increase of Thermal Transmittance because of Thermal Bridges on Energy Need for Heating of Panel Residential Houses in Original State and after RenewalValuable Architectural Refurbishment of Prefabricated Houses as a Part of their Complex Renovation; Material Properties of Windows in the Building Energy Concept; Condensation of Water Vapor in the Functional Gap of Wooden Window; Comparison of Thermal Bridges Calculate Method through Typical Details in Low Energy Designing; Comparison of Thermal Bridges Calculate Method through Window Jamb
Diffuse Characteristics of Window Frame Gasket System

Sommario/riassunto

Collection of selected, peer reviewed papers from the 2013 International Conference on Advanced Building Construction and Materials (ABCM 2013), September 26-27, 2013, Kocovce, Slovakia. The 56 papers are grouped as follows: Chapter 1: Degradation of Building Materials; Chapter 2: Energy Saving and Ecological Buildings; Chapter 3: Thermal Performance of Building Materials and Constructions; Chapter 4: Aerodynamic Characteristics of Buildings and Construction; Chapter 5: Indoor Air Quality and Air Exchange; Chapter 6: Fire Safety Materials, Spaces and Construction; Chapter 7: Noise Protection;

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Autore	Nyanchaga Ezekiel Nyangeri
Titolo	History of water supply and governance in Kenya (1895-2005) : lessons and futures / / Ezekiel Nyangeri Nyanchaga
Pubbl/distr/stampa	Tampere, : Tampere University Press, 2016 Tampere : , : Tampere University Press, , 2016
ISBN	9789520300609 (PDF ebook) 9789520300593 (ebook)
Descrizione fisica	1 online resource (618 pages) : illustrations, maps; digital, PDF file(s)
Soggetti	History The environment Water supply & treatment
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Sommario/riassunto	This book on the History of Water Development in Kenya transverses through a matrix of infrastructural development, administration, policy, legal and legislation framework, and evolution of various water supply technologies in an inimitably comprehensive approach. The book has carefully constructed the development over one century timeline of water supply and provided the future prediction of the services. The book is a quest to track and understand the origin, the development and sustainability of water supplies within 100 years of its 1st water supply constructed by the railways as the pioneer of water supply in Kenya. It interrogates how the water legislations, policies and administration came to be and what the drivers of water supplies were, when the 1st water reforms mounted and the status of the reform implementation. It elucidates on the role of development partners in influencing the choice of technology, policy and legislative framework. Preparation of this book took fifteen years of passionate research from Kenya National Archives; Kenya Railways; Ministry of Water Development; Colonial archival materials at Rhodes House, Oxford, UK; and the British Institute in Eastern Africa. The research findings have

been disseminated in several peer reviewed journals; and several presentations in local, regional and international conferences.

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Professor Nyangeri is a licensed and practicing consulting engineer with over 35 years of professional experience and over 28 years of academic teaching experience at the University of Nairobi, Kenya.