

3rd International Workshop on Flexibility in Sustainable Construction (ORSDCE 2018)

MATEC Web of Conferences Volume 222 (2018)

Poznan, Poland
20 April 2018

Editor:

J. Paslawski

ISBN: 978-1-5108-7407-7

Printed from e-media with permission by:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571



Some format issues inherent in the e-media version may also appear in this print version.

This work is licensed under a Creative Commons Attribution 4.0 International Licence. Licence details:
<http://creativecommons.org/licenses/by/4.0/>.

Printed by Curran Associates, Inc. (2018)

For additional information, please contact EDP Sciences – Web of Conferences
at the address below.

EDP Sciences – Web of Conferences
17, Avenue du Hoggar
Parc d'Activité de Courtabœuf
BP 112
F-91944 Les Ulis Cedex A
France

Phone: +33 (0) 1 69 18 75 75

Fax: +33 (0) 1 69 28 84 91

contact-edps@webofconferences.org

Additional copies of this publication are available from:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571 USA
Phone: 845-758-0400
Fax: 845-758-2633
Email: curran@proceedings.com
Web: www.proceedings.com

TABLE OF CONTENTS

METHODS OF CONSTRUCTION QUALITY ISSUES ELIMINATION WITH USE OF MODERN TECHNOLOGY	1
<i>Dubas Sebastian, Paslawski Jerzy</i>	
IMPACT OF THE ADOPTED STRATEGY ON THE RESULT OF MULTI-CRITERIA ANALYSIS OF TECHNOLOGY SOLUTION BASED ON AHP (BOCR)	8
<i>Dziadosz Agnieszka, Banach Dominika, Meszek Wieslaw, Rejment Mariusz</i>	
CONTACTLESS APPROACH TO DETERMINE PAVEMENT SKID RESISTANCE FOR PAVEMENT MANAGEMENT SYSTEM	15
<i>Fengier Jakub, Slowik Mieczyslaw, Pozarycki Andrzej</i>	
PROTOCOLS FROM PERIODIC INSPECTION OF BUILDINGS IN TEXT MINING ANALYSIS - ADVANTAGES AND PROBLEMS OF ANALYSIS	23
<i>Gajzler Marcin</i>	
FLEXIBLE PROCEDURE FOR CONCRETING IN HOT AND DRY CLIMATE BASED ON PHASE CHANGE MATERIAL	31
<i>Hsino Mahmoud, Paslawski Jerzy</i>	
SCIENTIFIC ACTIVITIES IN CONSTRUCTION TECHNOLOGY MANAGEMENT FILED OF CONSTRUCTION INNOVATIONS ACADEMIC ASSOCIATION	41
<i>Jasinska Marcela</i>	
SIMULATION AS A DECISION TOOL IN CONSTRUCTION PROCESS MANAGEMENT IN TURBULENT ENVIRONMENT	46
<i>Katafoni Kinga, Paslawski Jerzy</i>	
DELAYS IN CONSTRUCTION WORKS IN POLISH CONSTRUCTION INDUSTRY FROM THE CONTRACTORS' POINT OF VIEW	55
<i>Kowalczyk Anna, Meszek Wieslaw, Rejment Mariusz, Dziadosz Agnieszka</i>	
A COMPARATIVE ANALYSIS OF SELECTED MODELS OF PEDESTRIAN-GENERATED DYNAMIC LOADS ON FOOTBRIDGES – VERTICAL LOADS	60
<i>Marecik Kinga, Pantak Marek</i>	
ESTIMATION OF CERTAIN PARAMETERS OF BLACK-SCHOLES MODEL IN ANALYSING EFFECTIVENESS OF DEVELOPMENT INVESTMENTS	65
<i>Meszek Wieslaw, Dziadosz Agnieszka</i>	
ADAPTABILITY IN BUILDINGS – HOUSING CONTEXT – LITERATURE REVIEW	71
<i>Milwicz Roman, Paslawski Jerzy</i>	
QUALITY MANAGEMENT SYSTEMS AS A KEY ELEMENT FOR COMPANY STRATEGY SELECTION - CASE STUDY	79
<i>Nowotarski Piotr, Paslawski Jerzy, Kadler Aleksandra</i>	
CHARACTERISTIC OF MATERIALS FOR THE 3D PRINTED BUILDING CONSTRUCTIONS BY ADDITIVE PRINTING	87
<i>Pacewicz Katarzyna, Sobotka Anna, Golek Lukasz</i>	
CONCRETE PAVEMENTS MANAGEMENT	96
<i>Rudzinski Lukasz, Slowik Mieczyslaw</i>	
ANALYSIS OF SELECTED INPUT DATA IMPACT ON ENERGY DEMAND IN OFFICE BUILDING - CASE STUDY	103
<i>Sinacka Joanna, Ratajczak Katarzyna</i>	
ASSESSMENT OF TEMPERATURE SUSCEPTIBILITY FOR RUBBER GRANULATE MODIFIED ROAD ASPHALT BINDERS CONSIDERING IMPACT OF AGING	111
<i>Slowik Mieczyslaw, Wisniewski Damian, Bilski Marcin, Mielczarek Marta</i>	
Author Index	