



RIGA TECHNICAL  
UNIVERSITY  
— 155 —

ISSN 1691-5208 print  
ISSN 2255-8837 online

# Environmental and Climate Technologies

2017/20  
Special Issue

Scientific Journal of  
Riga Technical University

Editor-in-Chief Marika Rosa

RTU Press  
Riga 2017

## TABLE OF CONTENTS

<i>Edgars Vigants, Toms Prodanuks, Girts Vigants, Ivars Veidenbergs, Dagnija Blumberga</i> Modelling of Technological Solutions to 4th Generation DH Systems.....	5
<i>Ahmed Lallouche, Valentina Kolodyaznaya, Mohamed Said Boulkrane, Denis Baranenko</i> Low Temperature Refrigeration as an Alternative Anti-Pest Treatment of Dates.....	24
<i>Uldis Bariss, Gatis Bazbauers, Andra Blumberga, Dagnija Blumberga</i> System Dynamics Modeling of Households' Electricity Consumption and Cost-Income Ratio: a Case Study of Latvia.....	36
<i>Christina E. Mediastika, Johan Hariyono</i> Wall Cladding Effects and Occupants' Perception of Indoor Temperature of Typical Student Apartments in Surabaya, Indonesia .....	51
<i>Suthirat Kittipongvises</i> Assessment of Environmental Impacts of Limestone Quarrying Operations in Thailand.....	67