

Issued with the consent of the Rector

Editor in Chief

Publishing House of Rzeszow University of Technology

Lesław GNIEWEK

Members of the Advisory Board of the Journal

Modern Management Review

Gerhard Banse (EA European Academy of Technology and Innovation Assessment GmbH, Germany), Amparo Baviera-Puig (Spain), Joe Bogue (University College Cork, Ireland), Gérard Kokou Dokou (Université du Littoral Côte d'Opale Dunkerque, France), Aleš Gregar (Tomas Bata University in Zlín, the Czech Republic), Danuta Hübner (Poland), Andrzej Kaleta (Wroclaw University of Economics and Business, Poland), Jerzy Kisielnicki (University of Warsaw, Poland), Dušan Malindžák (Technical University of Kosice, Slovakia), William H. Meyers (University of Missouri, USA), Johan van Ophem (Wageningen University & Research, Holland), Grzegorz Ostasz (Rzeszow University of Technology, Poland), Sergej Seriojin (National Academy of State Management under the President of Ukraine, Ukraine), Antonio Stasi (Università degli studi di Foggia, Italia), Róbert Štefko (Prešov University in Prešov, Slovakia), Josu Takala (University of Vaasa, Finland), Tamara Tkach (Melitopol Institute of Public and Municipal Administration of "Classic Private University", Ukraine), Karsten Weber (Technical University of Applied Sciences in Regensburg, Germany), Gabriel Weiss (Technical University of Kosice, Slovakia)

Editor in Chief

Beata ZATWARNICKA-MADURA (Rzeszow University of Technology, Poland)

Deputy of Editor in Chief

Grzegorz ZIMON (Rzeszow University of Technology, Poland)

Editorial assistant

Joanna WIAŻEWICZ (Rzeszow University of Technology, Poland)

Associate Editors

Marzena HAJDUK-STELMACHOWICZ (Rzeszow University of Technology, Poland)

Grzegorz LEW (Rzeszow University of Technology, Poland)

Tomasz MISIAK (Rzeszow University of Technology, Poland)

Andrzej PACANA (Rzeszow University of Technology, Poland)

Zhanna POPLAVSKA (Rzeszow University of Technology, Poland)

Jacek STROJNY (Rzeszow University of Technology, Poland)

Statistical editor

Paweł HYDZIK (Poland)

Volume editor

Małgorzata KARPIŃSKA-KRAKOWIAK (University of Lodz, Poland)

Language editors

Magdalena REJMAN-ZIENTEK (Poland), Piotr CYREK (Poland)

Project of the cover

Damian GĘBAROWSKI

The electronic version of the Journal is the final, binding version.

e-ISSN 2353-0758

Publisher: Publishing House of Rzeszow University of Technology

12 Powstańców Warszawy Ave., 35-959 Rzeszow (e-mail: oficyna@prz.edu.pl), <http://oficyna.prz.edu.pl>

Editorial Office: Rzeszow University of Technology, The Faculty of Management,

10 Powstańców Warszawy Ave., 35-959 Rzeszów, phone: +48 17 8651383, e-mail: kwart_wz@prz.edu.pl

<http://mmr.prz.edu.pl/>

Additional information and an imprint – p. 125