

Issued with the consent of the Rector

**Editor in Chief**  
**Publishing House of Rzeszow University of Technology**  
Grzegorz OSTASZ

**Composition of the Scientific Papers Council**  
**of the Faculty of Management at Rzeszow University of Technology**  
**„Humanities and Social Sciences”**

Grzegorz OSTASZ – Chairman (Poland)  
Justyna STECKO – Editorial assistant (Poland)

**members:**

Alla ARISTOVA (Ukraine), Heinrich BADURA (Austria), Guido BALDI (Germany)  
Aleksander BOBKO (Poland), Zbigniew BOCHNIARZ (The USA)  
Viktor CHEPURKO (Ukraine), Henryk ĆWIEK (Poland), Paweł GRATA (Poland)  
Zuzana HAJDUOVÁ (Slovakia), Wilem J.M. HEIJMAN (The Netherlands)  
Tamara HOVORUN (Ukraine), Beatriz Urbano LOPEZ DE MENESES (Spain)  
Nicanor Ursua LEZAUN (Spain), Aleksandr MEREZHKO (Ukraine)  
Nellya NYCHKALO (Ukraine), Krzysztof REJMAN (Poland), Annely ROTHKEGEL (Germany)  
Josef SABLİK (Slovakia), Henryk SKOROWSKI (Poland), Mykoła STADNIK (Ukraine)  
Anatolij TKACH (Ukraine), Michael WARD (Ireland), Natalia ZHYHAYLO (Ukraine)

**Editor in Chief**  
Grzegorz OSTASZ (Poland)

**Deputy Editor in Chief**  
Beata Zatwarnicka-Madura

**Editorial Committee (Thematic editors)**  
Stanisław GĘDEK (Poland), Aleksandr GUGNIN (Poland), Eugeniusz MOCZUK (Poland)  
Krzysztof TERESZKIEWICZ (Poland), Grzegorz ZAMOYSKI (Poland)

**Editorial assistant**  
Justyna STECKO (Poland)

**Statistical editor**  
Tomasz PISULA (Poland)

**Members of editorial staff**  
Tadeusz OLEJARZ (Poland), Marta POMYKAŁA (Poland)  
Hanna SOMMER (Poland), Beata ZATWARNICKA-MADURA (Poland)

**Volume editor**  
Justyna STECKO (Poland)

**Language editors**  
eCORRECTOR  
Magdalena REJMAN-ZIENTEK, Piotr CYREK

**Project of the cover**  
Damian GĘBAROWSKI

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

e-ISSN 2300-9918

Publisher: Publishing House of Rzeszów University of Technology,  
12 Powstańców Warszawy Ave., 35-959 Rzeszów (e-mail: [oficyna@prz.edu.pl](mailto:oficyna@prz.edu.pl))  
<http://oficyna.prz.edu.pl>

Editorial Office: Rzeszów University of Technology, The Faculty of Management,  
10 Powstańców Warszawy Ave., 35-959 Rzeszów, phone: 17 8651383, e-mail: [zeszyty@prz.edu.pl](mailto:zeszyty@prz.edu.pl)  
<http://hss.prz.edu.pl>

Additional information and an imprint – p. 167