



University of Belgrade
Technical Faculty in Bor

*Engineering Management
Department*

University of Belgrade

Facts:

- University of Belgrade is the oldest state university in Serbia, founded in 1808
- 31 faculties, 8 institutes, 1 university library.
- Teaching and research staff consists of approx. 7,300
- Approx. 90,000 active students and alumni:
 - 346,000 students with a Bachelor's degree
 - 22,700 students with a Master's degree
 - 13 200 students with a Doctoral degree



University of Belgrade, Technical Faculty in Bor

Engineering Management Department

Vojske Jugoslavije 12, 19210 Bor (Serbia)

www.menadzment.tfbor.bg.ac.rs

emd@tfbor.bg.ac.rs



Technical Faculty in Bor



Facts:

- Founded in 1961
- Study programs:
 - Mining Engineering
 - Metallurgical Engineering
 - Technological Engineering
 - Engineering Management
- Approx. 935 active students and alumni:
 - 2862 students with a Bachelor's degree
 - 183 students with a Master's degree
 - 119 students with a Doctoral degree



University of Belgrade, Technical Faculty in Bor

Engineering Management Department

Vojske Jugoslavije 12, 19210 Bor (Serbia)

www.menadzment.tfbor.bg.ac.rs

emd@tfbor.bg.ac.rs



Engineering Management Department



Facts:

- Founded in 2002
- Teaching stuff:
 - 23 professors and 6 teaching assistants
- Approx. 410 active students and alumni:
 - 824 students with a Bachelor's degree
 - 157 students with a Master's degree
 - 17 students with a Doctoral degree



University of Belgrade, Technical Faculty in Bor

Engineering Management Department

Vojske Jugoslavije 12, 19210 Bor (Serbia)

www.menadzment.tfbor.bg.ac.rs

emd@tfbor.bg.ac.rs



Mission and Vision



- ☐ To provide an adequate response to the educational needs of future generations
- ☐ To develop the Department, while nurturing the most prospective, the most attractive, the most modern and highest quality studies in the region of Southeast Europe
- ☐ To provide the highest quality consulting and planning services in South-eastern Europe



University of Belgrade, Technical Faculty in Bor
Engineering Management Department
Vojske Jugoslavije 12, 19210 Bor (Serbia)

www.menadzment.tfbor.bg.ac.rs

emd@tfbor.bg.ac.rs



Research Fields

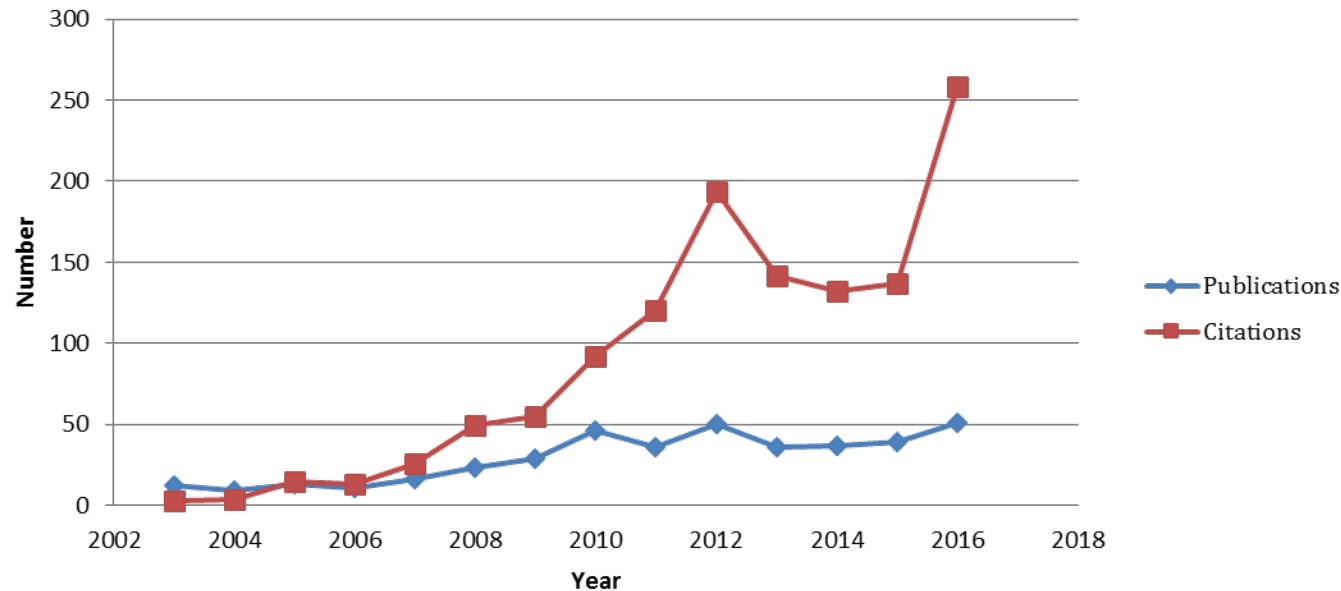
- ☐ Material flow balancing
- ☐ Environmental management
- ☐ Quantitative data analysis
- ☐ Numerical modeling and statistical modeling
- ☐ Modeling of industrial processes and use of simulation techniques
- ☐ Market research



- ☐ Data mining
- ☐ Programming
- ☐ Algorithm development
- ☐ Information systems
- ☐ E-commerce
- ☐ Multi-criteria models for ranking and selection of optimal solutions
- ☐ Services Marketing

Research results

- ❑ Increasing trend in published and cited papers in leading international scientific journals
- ❑ During the period 2003-2016 approx. 410 papers were published and cited over 1240 times in peer reviewed journals

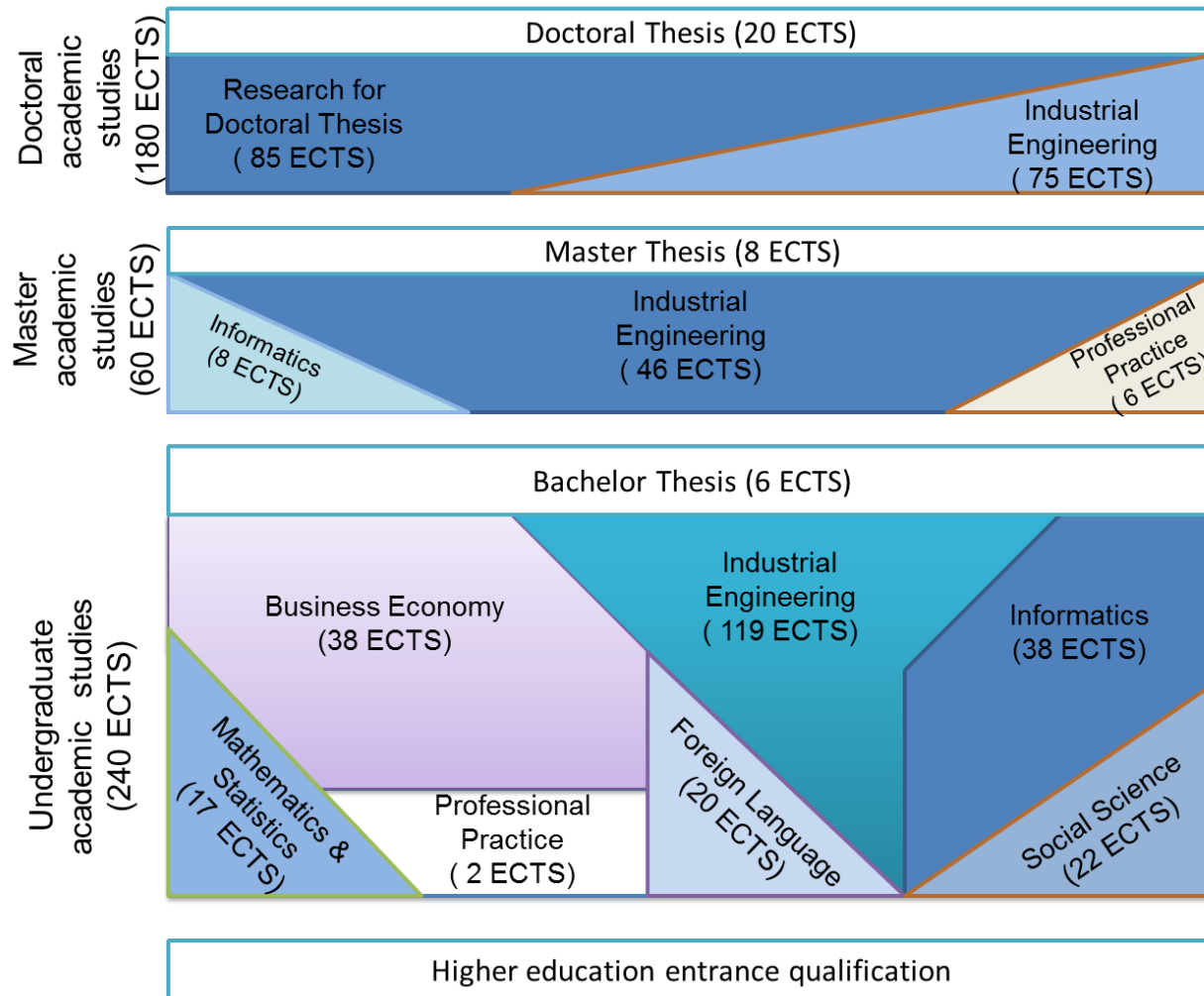


Technical Equipment and Library

- ❑ Three computer laboratories of entire area of 170 m² with 42 computers
- ❑ A mobile computer laboratory with 10 laptop computers uplinked with wireless network system
- ❑ Approx. 500 books in the field of management theory and practice



Engineering Management study programs



University of Belgrade, Technical Faculty in Bor
Engineering Management Department
 Vojske Jugoslavije 12, 19210 Bor (Serbia)

www.menadzment.tfbor.bg.ac.rs

emd@tfbor.bg.ac.rs



Engineering Management – Undergraduate academic studies

Undergraduate academic studies

(240 ECTS)

Semester	1	2	3	4	5	6	7	8
	Common base module 180 (ECTS): Compulsory courses (23 courses): <ul style="list-style-type: none"> Lecture classes: 60 Practical classes: 53 Optional courses (4 optional modules each with two optional courses): <ul style="list-style-type: none"> Lecture classes: 9 Practical classes: 9 						Module: Business Management 60 (ECTS): Compulsory courses (8 courses): <ul style="list-style-type: none"> Lecture classes: 22 Practical classes: 16 Optional courses (2 optional modules each with two optional courses): <ul style="list-style-type: none"> Lecture classes: 4 Practical classes: 0 	Module: Information Technologies 60 (ECTS): Compulsory courses (8 courses): <ul style="list-style-type: none"> Lecture classes: 19 Practical classes: 17 Optional courses (2 optional modules each with two optional courses): <ul style="list-style-type: none"> Lecture classes: 4 Practical classes: 4



University of Belgrade, Technical Faculty in Bor
 Engineering Management Department
 Vojske Jugoslavije 12, 19210 Bor (Serbia)

www.menadzment.tfbor.bg.ac.rs

emd@tfbor.bg.ac.rs



Engineering Management – Master academic studies

Master academic studies

(60 ECTS)

Semester	1	2
	Module 60 (ECTS): Engineering Management Compulsory courses (4 courses): <ul style="list-style-type: none">• Lecture classes: 6• Practical classes: 19 Optional courses (3 optional modules each with two optional courses): <ul style="list-style-type: none">• Lecture classes: 6• Practical classes: 9	



Engineering Management – Doctoral academic studies

Doctoral academic studies

(180 ECTS)

Semester	1	2	3	4	5	6
	Module 75 (ECTS): Optional courses (5 optional modules each with two optional courses): <ul style="list-style-type: none"> Lecture classes: 30 Student research work classes: 20 			Research for Doctoral Thesis and Doctoral Dissertation Realization and Defense of Thesis 105 (ECTS): 5 Optional courses : <ul style="list-style-type: none"> Student research work classes: 30 		



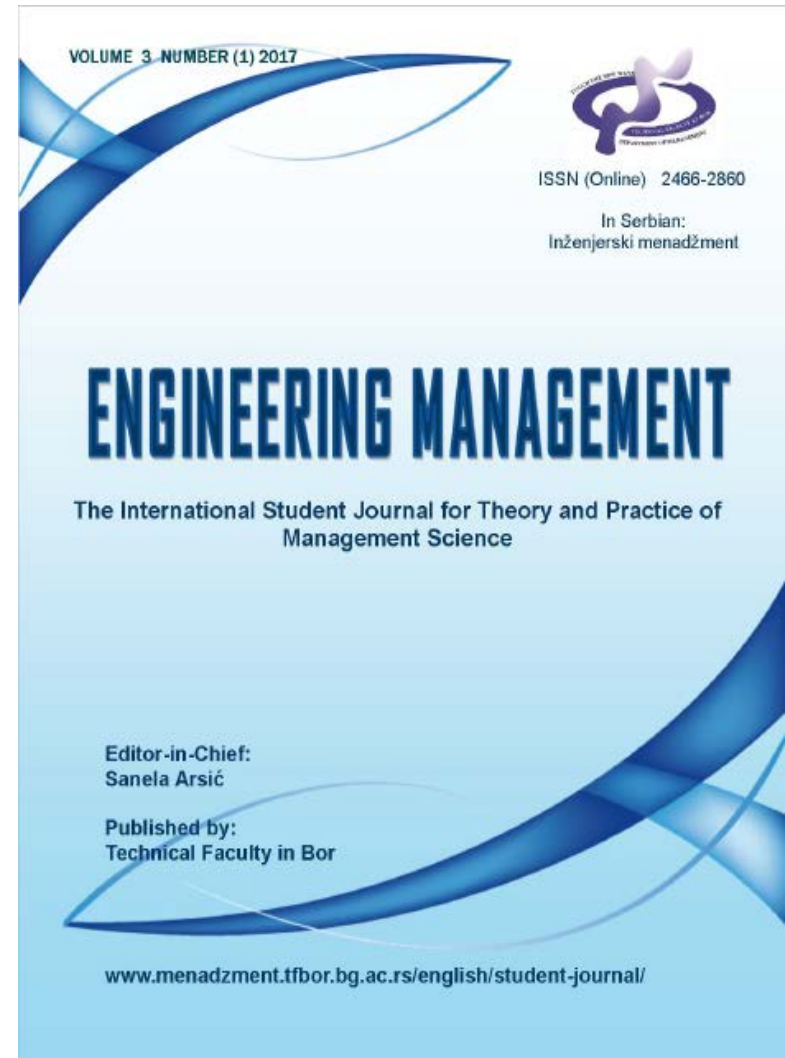
Publishing activities

- ❑ Since 2006 Engineering Management Department has been publishing Serbian Journal of Management biannually (<http://www.sjm06.com/>)
- ❑ This journal is an international medium for the publication of scientific papers covering the theory and practice of Management
- ❑ 241 papers have been published, reviewed by internationally recognized academic researchers.



Publishing activities

- ❑ Since 2015 Engineering Management Department has been publishing Engineering Management biannually (<http://menadzment.tfbor.bg.ac.rs/english/student-journal/>)
- ❑ This journal is an international student journal for theory and practice of management science



University of Belgrade, Technical Faculty in Bor

Engineering Management Department

Vojske Jugoslavije 12, 19210 Bor (Serbia)

www.menadzment.tfbor.bg.ac.rs

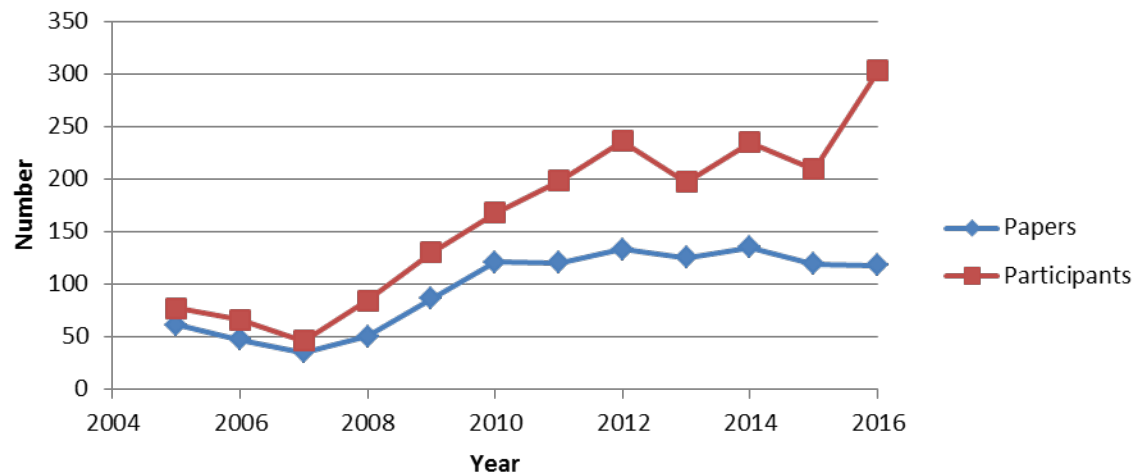
emd@tfbor.bg.ac.rs



Conferences

International May Conference on Strategic Management

- ❑ Organized since 2005
- ❑ Number of participants and papers has been continually increasing



International Symposium on Environmental Management and Material Flow Management

- ❑ Organized since 2011, in cooperation with University of Trier (Germany) and University of Zenica (Bosnia and Herzegovina)



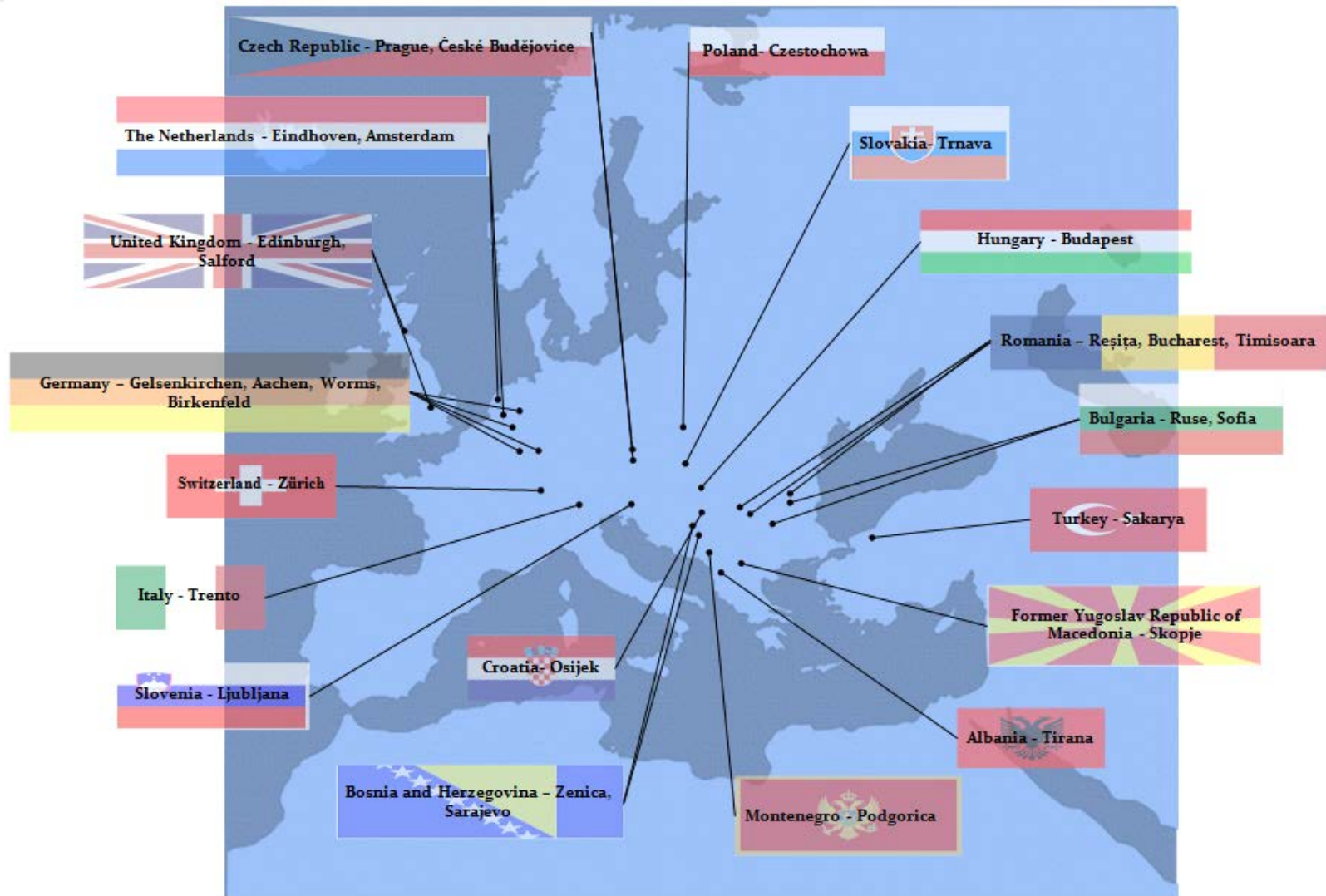
University of Belgrade, Technical Faculty in Bor
Engineering Management Department
Vojske Jugoslavije 12, 19210 Bor (Serbia)

www.menadzment.tfbor.bg.ac.rs

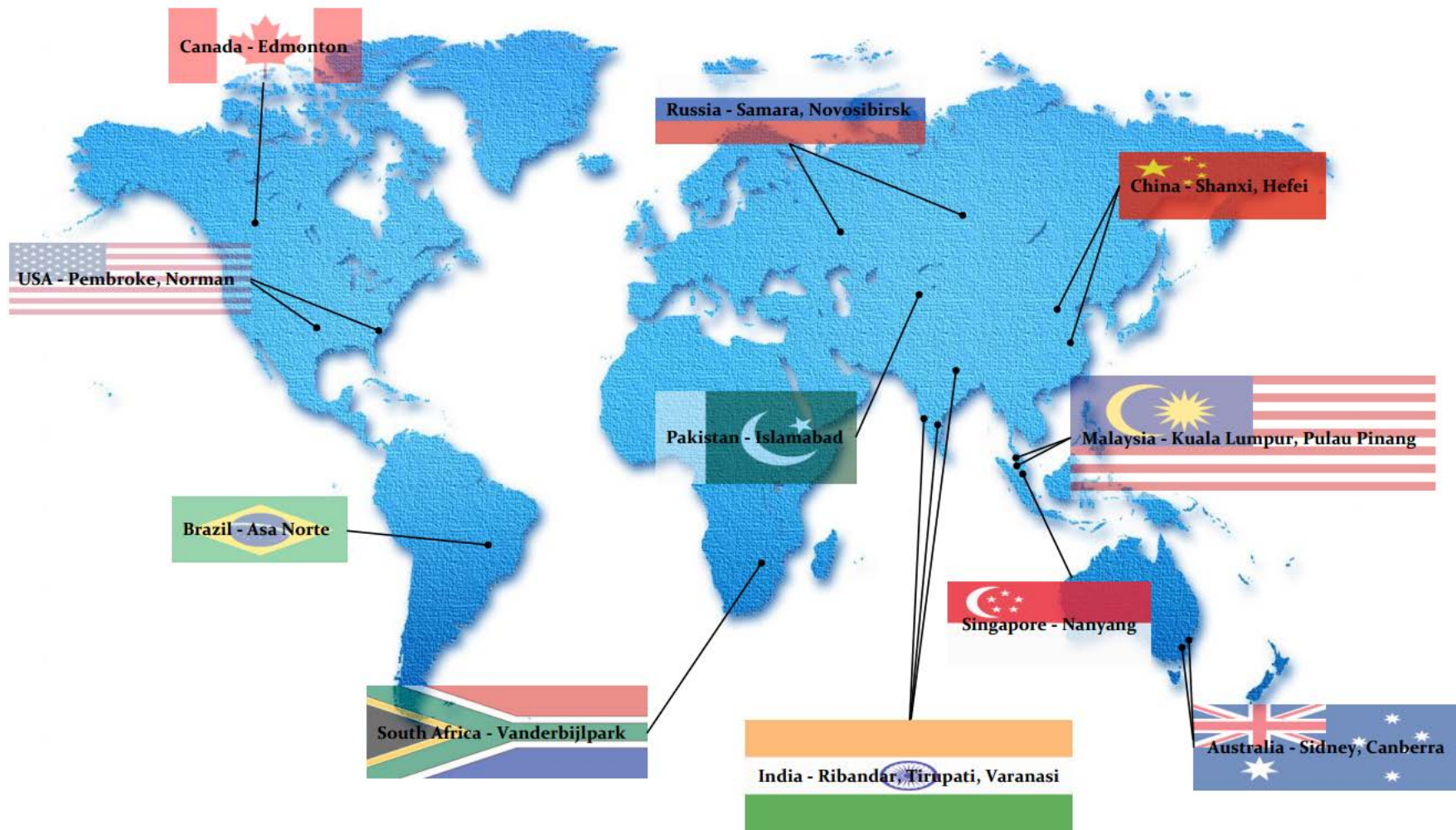
emd@tfbor.bg.ac.rs



International cooperation



International cooperation



International projects

- ❑ **Erasmus + Programme, Key Action 1 – Mobility for learners and staff – Higher Education Student and Staff Mobility**, between University of Eastern Finland, Joensuu, Finland and University in Belgrade, Technical Faculty in Bor (2016/2017).
- ❑ **Environmental awareness as a universal European Value (2016)**. Beneficiary organization - International Visegrad Fund (<http://mksm.sjm06.com/round-table-2016-visegrad-fund-project/>)
- ❑ **Erasmus + Programme, Key Action 1 – Mobility for learners and staff – Higher Education Student and Staff Mobility**, between Obuda University, Budapest, Hungary and University in Belgrade, Technical Faculty in Bor (2015/2016).
- ❑ **Possibilities for development of business cluster network between SMEs from Visegrad countries and Serbia (2014)**. Beneficiary organization - International Visegrad Fund. Participants: Czech Republic, Slovakia, Poland, Hungary and Serbia (<http://mksm.sjm06.com/visegrad-fund-project/>).



International projects

- ❑ PHARE-CBC ROMANIA-SERBIA (2008-2009), RO 2004/016-943.01.01.08 – Creation of the Centre of Entrepreneurship and Intercultural Management: Bussiness development - successful entrepreneurship practice for social organizations in Caras-Severin and Bor, 2008 – 2009 (Beneficiary organization/department: University Eftimie Murgu, Resita, Romania – Technical faculty in Bor)
- ❑ PHARE-CBC ROMANIA-SERBIA 2006/ RO 2006/018-448.01.02.15 – The virtual space of knowledge - the way of integration, 2008-2009 (Beneficiary organization/department: University Eftimie Murgu, Resita, Romania – Technical faculty in Bor)
- ❑ GET – IT Serbia (ICT in Entrepreneurship education) / 2009 (International Educational Network)



Membership in international networks

Academic Entrepreneurship and Innovation Network of South Eastern European Universities ([RESITA NETWORK](#))

- ❑ Founded in 2008 and financially supported by DAAD
- ❑ Network of 16 European universities and institutes
- ❑ Supports exchange and professional development of teaching staff and students from partner universities, by organizing seminars, workshops, summer academies, summer schools, internships etc.



University of Belgrade, Technical Faculty in Bor

Engineering Management Department

Vojske Jugoslavije 12, 19210 Bor (Serbia)

www.menadzment.tfbor.bg.ac.rs

emd@tfbor.bg.ac.rs

