

## Curriculum Vitae

### PERSONAL:

**Name:** Ana M. LAZAREVSKA  
**Birth date/place:** December 11, 1969 in Skopje, R. Macedonia.  
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**Office:** Institute for Hydraulic Engineering and Automation (**IHEA**)  
(formerly Institute for Hydraulics, Pneumatics and Automation (**IHPA**)),  
University Ss Cyril and Methodius (**UKIM**), Faculty of Mechanical Engineering (**FME**), Skopje  
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**Citizenship/** Macedonian / Macedonian  
**Mother tongue:**  
**Marital status** Single

### Education:

2008 D.Sc. in Mechanical Engineering, sci.field.: Technical Sciences, UKIM, FME, Skopje, R. Macedonia  
Thesis: **Methodology for Optimal Implementation of Project Activities in line with the Kyoto Protocol's Flexible Clean Development Mechanism** (supervisor Prof. R. Ciconkov, D.Sc.)  
2001 M. Sc. in Mechanical Engineering, UKIM, FME, Skopje, R. Macedonia  
Thesis: **Study and Analysis of the Air Pollution Emission and Dispersion in the City of Skopje and its Surroundings** (supervisor Prof. M. Mircevski, D.Sc.)  
1994 B.Sc. in Mechanical Engineering, UKIM, FME, Skopje, R. Macedonia  
Thesis: **Dynamics of the Turbines in the HPP Globochica and Mathematical Modelling of the Control System** (supervisor Prof. T. Bundalevski, D.Sc), Field: Dynamics of turbines, automatization and control of hydromachinery and supporting equipment

### FIELD(S) OF SPECIALISATION AND INTEREST:

**Main/** Energy Management, Energy Efficiency, Resource Efficient and Cleaner Production (**RECP**), Clean  
**Current** Development Mechanism (**CDM**), Kyoto Protocol, **UNFCCC**, Climate Change, Sustainable  
Development (**SD**), Multicriteria Decision Making Theory, Risk Identification, Modelling, Assessment  
and Management  
**Further** Air pollution Modelling, Fluid Mechanics, Theory of System Control,  
Persons with limited abilities (or disabilities)

### CURRENT RESEARCH ACTIVITIES

Multicriteria Decision Making Theory and its implementation on various topics, s.a. contributing to mitigating climate change, implementing Kyoto Protocol (**CDM**), Identifying opportunities for implementing CDM in Macedonia primarily in the sectors energy (generation/consumption side) and integrated (solid) waste management, implementing SD; Risk Identification, Modelling & Assessment; Energy Efficiency, Energy Management, etc.

### Experience:

2015 - Assoc. Professor (sci.field Environment and Environmental Protection) at the IHEA, UKIM, FME, Skopje, R. Macedonia  
2015 - Member of the ISO 50001 Global Impacts Research Network (ISO 50001 GIRN), supported by  
(ongoing) Lawrence Berkeley National Laboratory, the Office of the Assistant Secretary for International Affairs of the U.S. Department of Energy, under U.S. Department of State Interagency agreement S-

OES-12-1A-0010, Contract No. 3012199.

- 2015 – (ongoing) National consultant-expert within the project “GEF-UNIDO Energy Management Systems (**EnMS**) Capacity Building and Implementation (CBI) Programme” - “Catalyzing market transformation for industrial energy efficiency and accelerate investments in best available practices and technologies in the Former Yugoslav Republic of Macedonia”, implemented through the Regional Environmental Center (**REC**), Office in Macedonia, funded by GEF-UNIDO (<http://www.rec.org>)  
In particular, responsible for implementing the EnMS in “JSC Macedonian Power Plants” (**AD ELEM**), Subsidiary (Branch) “Energetika” (heat and electricity generation)
- 2014 – 2016 EUREM trainer (topics Geothermal Energy and Solar Technology) for the European Energy Manager (**EUREM**) plus: “Boost Energy Efficiency in Manufacturing SMEs by Extending European EnergyManager Training and Network”, part of the EUREM Programme, coordinated by the Nuremberg Chamber of Commerce and Industry, EU co-funded project supported by the **IEE** (Intelligent Energy Europe Programme), <http://www.ihk-eforen.de/display/eurem/EUREMplus>  
<http://mk.eurem.net/display/euremmk/EUREM+MK>
- 2013 – (ongoing) Head of the Office for the Erasmus+ Programme at the FME, UKIM, and Coordinator for the Erasmus+ Programme at the FME, UKIM
- 2012 – 2013 Translation of the book “*Energy in Nature and Society*” by Vaclav Smil, as part of the Project for translating 500 top-rated titles used at the top rated universities financially supported by the Gov of the R. Macedonia
- 2011 – 2012 Project co-Leader (Country Team Leader) for Macedonia for the AEIF Project **Open Access to the Entrepreneurship Lifelong Learning (LLL) Education for Persons with Disabilities (PwDs) adjusted for Visually Impaired Persons (VIPs)**, <http://www.ill4business.org/>
- 2011 – 2012 Project Leader of the AEIF Project **Ensuring Equal Access through Service Learning for Persons with Disabilities**, <http://www.equalaccess4pwwds.org/>, <https://alumni.state.gov/aeif2011/funded/ensuring-access-to-education-and-employment-opportunities>
- 2010 – 2011 Project Leader of the Project for organizing the Regional JFDP Alumni Conference on “Enhancing Accessibility of the Higher Education to the Disabled, Nov 22-24, 2010 in Skopje/Ohrid, Macedonia: (<http://www.maaa.com.mk/jfdp-conference-2010>).
- 2010 – 2015 Assistant Professor (sci.field Environment and Environmental Protection) at the IHEA, UKIM, FME, R. Macedonia
- 2009 – 2013 Coordinator for the Erasmus Programme at the FME, UKIM
- 2009 – 2010 **CDM** Consultant to “JSC Macedonian Power Plants” for Producing a draft Project Design Document (**PDD**) for two (2) **CDM** Projects:  
1. Gas powered **CCHPP** in Skopje; 2. Rehabilitation of the TPP in Bitola,  
within the Project “Building Local Expertise in Climate Project Development in Macedonia”, supported by a Grant issued by Norsk Energi, Norway, implemented by the SCO Center for Climate Change
- 2008 – 2015 Local CDM Consultant to Clean Energy Finance Committee, Mitsubishi UFJ Securities within the CDM project pipeline for CDM projects in AD MAKSTIL, Skopje, Macedonia
- 2007 – 2008 Local CDM Consultant to Clean Energy Finance Committee, Mitsubishi UFJ Securities within the CDM project pipeline for CDM projects in JSC Macedonian Power Plants
- 2005, Oct - 2015 Support to foreign consultants in the process of identifying opportunities for implementing CDM in Macedonia
- 2005, Nov - Secretary of CIRKO Climate Change and Energy Technology, FME, UKIM, R. Macedonia
- 2002 – 2010 Senior Teaching Assistant, IHPA, FME, UKIM, R. Macedonia
- 1999 – 2002 Teaching Assistant, IHPA, FME, UKIM, R. Macedonia

2000	Consultant in the application process for USAID project for Technological-technical solution for waste coal dust reprocessing system at the heating plant boiler facility in the City of Makedonska Kamenica, JP Doming, M. Kamenica
1999	Consultant to the USAID project for improving the effluent quality from galvanizing activities at Zastava's plant – Project Leader Zastava AGP, Ohrid, Macedonia
1996 – 1999	Young researcher, Research Center for Energy and Informatics, Macedonian Academy of Sciences and Arts
1995 – 1996	Volunteer (6 months) in EMO (stands for Electrical and Machinery Equipment) Ohrid, Office in Skopje
1994 – 1995	Private enterprise “NGH Export – Import” – Skopje, representative of Liebherr for Macedonia.
1989 – 1993	Demonstrator for the courses: Mathematics 1, 2, 3, Computers and Programming, Cathedra for Mathematics FME, UKIM, R. Macedonia

### Teaching:

**a) undergraduate studies:** Lecturer (Assoc. Prof.) for the following courses:

**current:**

Hydraulic and Pneumatic Convey Systems (VIII Sem. ECTS AFI)  
 Design of Hydraulic and Pneumatic Convey Systems (VIII Sem. AFI)  
 Fluid Transport (VI Sem. ECTS, HA)  
 Sustainable Management of Water Resources (VI Sem. ECTS EE)  
 Power systems and environment (VIII Sem. ECTS EE)  
 Hydraulics and Hydraulic Machinery (II sem. ECTS IND, PInf, ZZK, IV sem. PTI)  
 Hydromechanics (II sem. ECTS HA)

**former:**

Practical experience (II Sem. and IV Sem. ECTS HA)  
 Practical experience in SMEs (VIII Sem. EE)  
 Practical experience in SMEs (VIII Sem. AFI)  
 Waste Fluids Treatment Systems (VI Sem. ECTS EE)  
 Waste Waters Treatment (VI Sem. ECTS, HA)

Teaching assistant for the below listed courses:

**current:**

Hydraulic and Pneumatic Convey Systems (VIII Sem. ECTS \*\* AFI)  
 Design of Hydraulic and Pneumatic Convey Systems (VIII Sem. ECTS AFI)  
 Fluid Transport (VI Sem. ECTS, HA)  
 Dynamics of Plants and Processes (VII Sem. ECTS AFI)  
 Sustainable Management of Water Resources (VI Sem. ECTS EE)  
 Power systems and environment (VIII Sem. ECTS EE)  
 Hydraulics and Hydraulic Machinery (II sem. ECTS IND, PInf, ZZK, IV sem. PTI)  
 Hydromechanics (II sem. ECTS HA)

**former:**

Fundamentals of Fluid Mechanics (V Sem.)  
 Fluid Mechanics (V and VI Sem.)  
 Hydraulics and Hydraulic Machinery (V Sem.)  
 Gas Transportation Systems (V Sem.)  
 Gas Transportation Systems and environment (V Sem.)  
 Fluid Dynamics (VI Sem.)  
 Hydraulic Machinery and Components in Vehicles (VI sem.)  
 Hydraulic Machinery and Facilities (VI sem.)  
 Hydraulic and Pneumatic Convey Systems (VII & VIII Sem.)  
 Hydraulic Positive Displacement Machinery (VII Sem)

Hydraulic Machinery (VII Sem.)  
 Waste Fluids and Treatment Plants (VIII Sem.)  
 Treatment of waste effluents (VIII Sem.)  
 Gas and Oil Pipeline Systems (IX Sem.)  
 Design of Systems for Hydraulic and Pneumatic Transport (XI Sem.)  
 Fluid Mechanics (ISIZS\*) (V Sem.)  
 Water Pollution Protection (ISIZS) (VIII Sem.)  
 Hydraulics and Hydraulic Machinery (IV Sem, Module IIM. ECTS),  
 Fundamentals of Fluid Mechanics (IV Sem. ECTS),  
 Fluid Mechanics (IV Sem. ECTS),  
 Hydraulic Machinery and Facilities (V sem. ECTS.)  
 Systems for air treatment (VI sem ECTS)  
 Hydraulic Positive Displacement Machinery (VI Sem. ECTS),  
 Hydro-machinery Equipment (VI Sem. ECTS)  
 Normatives for Environmental Protection VI Sem. ECTS)  
 \* Interdisciplinary Studies in Environmental Engineering  
 \*\* The newly established and ongoing studies under the ECTS

**b) postgraduate studies:** Lecturer (Assoc. Prof.) for the following courses:

**current:**  
 Energy vs. Sustainable Development  
 (I/II Sem. ECTS Sustainable Energy and the Environment (SEE)) (in Eng.)  
 Water Protection and Sustainable Development (I/II Sem. ECTS EE)

**Awards, certificates, scholarships and seminars:**

- Oct 2016 Certificate for **UNIDO qualified Expert in Energy Management System Implementation** (exam passed in Oct 2016, certificate shall be handed during 2017)
- Jun 2016 Certificate for **UNIDO qualified Expert in Steam Systems Assessment and Optimization** (exam passed in Jun 2016, certificate shall be handed during 2017)
- Nov 2015 – Jun 2016 **UNIDO based Steam System Optimization (SSO) Training** as part of the project “GEF-UNIDO Energy Management Systems (EnMS) Capacity Building and Implementation (CBI) Programme” implemented through Regional Environmental Center (REC), Office in Macedonia, funded by GEF-UNIDO
- Jun 2015 – Oct 2016 **UNIDO based Energy Management in line with ISO 50001 Training** as part of the project “GEF-UNIDO Energy Management Systems (EnMS) Capacity Building and Implementation (CBI) Programme” implemented through Regional Environmental Center (REC), Office in Macedonia, funded by GEF-UNIDO
- 2015 - **EUREM Certificate for European Energy Management (CCI)** (Reg. No. MK-SKP-001), issued by IHK (Nuremberg Chamber of Commerce and Industry)
- Sep 2011 – Oct 2012 **Alumni Innovation Engagement Fund (AEIF)** Grant administered by the US Department of State for the AEIF Project: **Ensuring Equal Access through Service Learning for Persons with Disabilities**, <http://www.equalaccess4pwws.org/>, <https://alumni.state.gov/aief2011/funded/ensuring-access-to-education-and-employment-opportunities>
- 2011 - **Certificate for Cleaner Production Audit** within the Cleaner Production (CP) Training (CIRKO National Cleaner Production Center – Macedonia – UNIDO Funded)
- Aug 2010 – Dec 2010 **JFDP Alumni Grant (JAG)** for organizing the Regional JFDP Alumni Conference on “Enhancing Accessibility of the Higher Education to the Disabled”, Nov 22-24, 2010 in Skopje/Ohrid, Macedonia: <http://www.maaa.com.mk/jfdp-conference-2010>.  
 Friedrich Ebert Stiftung (FES) Head Office in Macedonia provided co-financing for the EU Experts invited on the Regional JFDP Alumni Conference

Jan 2009 – May 2009	<b>Fellowship of the Junior Faculty Development Program (JFDP)</b> under the auspices of the American Councils, realized at the Arizona State University (ASU) Melikian Center for Russian, Eurasian and East European Studies and the ASU Global Institute of Sustainability – School of Sustainability
Dec 2007 – May 2008	<b>Study visit</b> at the <b>Technical University Braunschweig</b> , Germany within the Projects SFB 477 and SFB 578. Host institution Technical University Braunschweig, Germany. Institute for Biochemical Engineering
Nov - Dec 2007	<b>1 month DAAD scholarship</b> , granted under the <b>Re-invitation Programme</b> . Host institution Technical University Braunschweig, Germany. Institute for Biochemical Engineering
31 May–Jun 1 2007	2 days training “Working with Framework Programme FP7 in Macedonia”, Welcomeurope©
26.10 2004 – 22.11 2004	<b>Japan International Cooperation Agency (JICA) scholarship</b> in cooperation with United Nations Industrial Development Organization / Investment & Technology Promotion Office (UNIDO ITPO), Tokyo for attending the “Seminar on Implementation of Clean Development Mechanism (CDM) / Joint Implementation (JI) in South Eastern Europe (SEE)”. Obtained certificates for completing the: 1. Area Focused Training Course in CDM / JI in SEE” (JICA/UNIDO Joint Program) under the International Cooperation Program of the Government of Japan; 2. Introductory course in Japanese language – Tokyo International Center (TIC), JICA.
2003-2004	Courses of Spanish language I, II, III, IV level, Casta Diva, Skopje, Macedonia
2003 Jul - Aug	1 month course Spanish language, group Intermedio II, Lexis, Málaga, Spain
2001	FLUENT Seminar – TEMPUS Project – FME, Skopje
during under- & postgraduate studies	Scholarship for undergraduate and postgraduate studies from the Ministry of Education and Science, R. Macedonia.
1999	Chicago, USA – 10 days visit of communal and industrial treatment plants.
Aug 1997 - Oct 1998	<b>1 year DAAD scholarship</b> at the Meteorological Institute, research group Troposphärische Umwelt Forschung (TrUmF), Freie Universität in Berlin, Germany.
Sep 1997- Jun 1998	<b>two semesters German language at the FU-Berlin</b> , Germany (2h twice a week) passed the DSH exam at the end of the 1 <sup>st</sup> semester
Aug - Sep 1997	Language Course, Mittelstufe I – Goethe Institute, Dresden, Germany
1996	Course for 3D Studio – Alexandria, Skopje, Macedonia (1 <sup>st</sup> level)
1995	Course for AUTOCAD – Alexandria, Skopje, Macedonia (basic and advanced level)
1995	Best student at the FME, Skopje (generation 1994) - awarded by the Rector of UKIM
1995	Best student in the history of the FME – awarded by the Dean of FME, Skopje (generation 1994)
1994	<b>Four months scholarship (through IAESTE)</b> at the Fraunhofer Institut fuer zerstörungsfreie Prüfverfahren in Saarbrücken, Saarland, Deutschland (enrolled in the experimental work in the field of application of AFM (Atomic Force Microscopy).
1992	- <b>Two months scholarship</b> at the Technische Hochschule in Zwickau, Germany (through IAESTE) - 3 weeks Introductory course in German - Technische Hochschule – Zwickau, Germany
1989	Awarded as the first student at the FME with average grade 10.00 (on a scale from 6 to 10) in the past year of studies
1988	Best student in the graduating class high school. “Rade Jovcevski – Korcagin”, Skopje. Awarded in city and republic competitions in mathematics, physics, literature and chorus singing.

## **FOREIGN LANGUAGES:**

<b>English</b>	very good
<b>German</b>	good: 1. Mittelstufe Deutsch des Oesterreichischen Sprachdiploms Deutsch, nach den Bestimmungen des Europarats: <b>Niveau C1/Effectiveness</b> ; 2. Diplom Wirtschaftssprache Deutsch des Oesterreichischen Sprachdiploms Deutsch und des Wirtschaftsfoererungsinstitut der Wirtschaftskammer Oesterreich, nach den Bestimmungen des Europarats: <b>Niveau C2 / Mastery</b> 3. 1998 passed DSH (Deutsche Sprachprüfung für den Hochschulzugang ausländischer Studienbewerber) exam.
<b>Spanish</b>	Level of knowledge in Spanish – Intermedio II – Certificado de Español General – exam conducted in LEXIS Malaga, Spain.
<b>Serbian</b>	very good
<b>Russian</b>	passive knowledge (reading and understanding)
<b>Bulgarian</b>	passive knowledge (reading and understanding)
<b>Japanese</b>	introductory: Certificate for completion of the introductory course in Japanese language – Tokyo International Center (TIC), Japan International Cooperation Agency (JICA)

## **APPOINTMENTS:**

2015 –	Member of the ISO 50001 Global Impact Research Network (GIRN), coordinated by the Lawrence Berkeley National Laboratory, and supported by the US Department of Energy, part of the Energy Management Working Group (EMWG) acting as a convenor through the Clean Energy Ministerial (CEM) and in collaboration with the International Partnership for Energy Efficiency (IPEEC)
2015 – 2016	Member of the Program Committee of REMOO 2016: The 6th International Conference & Workshop “Conference Science and Engineering for reliable Energy”
2015 –	Member of the Editorial Board for the International Journal of Contemporary Energy <a href="http://contemporary-energy.net/Editorial-Board/editorial-board.html">http://contemporary-energy.net/Editorial-Board/editorial-board.html</a>
2013 –	Head of the Office for the Erasmus+ Programme at the FME, UKIM
2013 –	Coordinator for the Erasmus+ Programme at the FME, UKIM
2012 Sep –	Chief of the Laboratory for Fluid Mechanics and Hydraulic Machinery
2011 Jan –	Representative of the FME (UKIM) in the Technical Committee for Air and Water Quality at the Standardization Institute of the Republic of Macedonia
2009 – 2013	ERASMUS Coordinator at the FME, UKIM
2008, Sep – 2011 Dec	Secretary of the JICA (Japan International Cooperation Agency) Alumni Association of Macedonia
2007 – 2009	National Contact Person (NCP) for Macedonia in the frames of the Framework Programme 7 (FP7), for Cooperation, sub-topic Environment including Climate Change
2005, Nov -	Secretary of CIRKO Climate Change and Energy Technology, FME, UKIM
2005 - 2008	Treasurer of the JICA Alumni Association of Macedonia
2005 -	Member of the Executive Board of JICA Alumni Association of Macedonia
2004, Nov -	Member of the Editorial and Experts Board of the Journal for Civil Engineering, Architecture and Environment “Porta 3”, responsible for the environment section
2002-2004	Assistants’ Representative of the IHPA in the Teaching–Scientific Council of the FME
2000-2004	Secretary of the IHPA, FME, Skopje

1992 Vice president of the IAESTE National Committee of Macedonia

**MEMBERSHIPS:**

2016 - Balkan Environmental Association (BENA)  
2009 - JFDP Alumni, State Alumni  
2009 - Macedonian American Alumni Association (MAAA)  
2007 - Ohrid Institute for Economic Strategies and International Affairs  
2005 - Macedonian German Association for Cooperation  
2004 - JICA (Japan International Cooperation Agency) Alumni Association of Macedonia  
2003 - Humboldt and DAAD Alumni Association of Macedonia  
1999 - Friends of IAESTE (alumni)  
1989-1994 IAESTE National Committee of Macedonia

## I. References in journals and other joint publications

- [1] Lazarevska A. M., 2016, "REMOO–2015: Overview of the 5th International Conference & Workshop, Technological, Modelling and Experimental Achievements in Energy Generation Systems", Editorial Review in the International Journal of Contemporary Energy, "Energy – A truly Multi-faceted Field", Vol. 2, No. 1, pp e3-e8 (2016) ([http://contemporary-energy.net/ISSUES/2016/No-1/Contemporary%20ENERGY%20Vol2%20No1%20\(2016\).html](http://contemporary-energy.net/ISSUES/2016/No-1/Contemporary%20ENERGY%20Vol2%20No1%20(2016).html))
- [2] Lazarevska A. M., Mladenovska D., 2016: "Multi-criteria assessment of natural gas supply options – The Macedonian case", International Journal of Contemporary Energy, Vol. 2, No. 1, pp 54-62 (2016) (DOI: 10.14621/ce.20160107). ([http://contemporary-energy.net/Articles/v02n01a07\\_-Ana-Lazarevska-et-al.pdf](http://contemporary-energy.net/Articles/v02n01a07_-Ana-Lazarevska-et-al.pdf))
- [3] Lazarevska A. M., Bakreska Kormushoska N., Kochov A., 2015: "Complementarity and Overlapping among Energy Performance Indicators as part of the Sustainable Development and RECP Indicators in Cement Industry", International Journal of Contemporary Energy, Vol. 1, No. 1, pp 20-26 (2015) (DOI: 10.14621/ce.20150203) ([http://contemporary-energy.net/Articles/v01n02a03\\_-Ana-Lazarevska-et-al.pdf](http://contemporary-energy.net/Articles/v01n02a03_-Ana-Lazarevska-et-al.pdf))
- [4] Lazarevska A. M., Fischer N., Münnich K., Haarstrick A.: 2009: "A Multi-Criteria Decision Making Conceptual Approach to optimal Landfill Monitoring", in NATO Science for Peace and Security Series – C: Environmental Security "GeoSpatial Visual Analytics: Geographical Information Processing and Visual Analytics for Environmental Security", (Eds. De Amicis, R., Stojanovic, R., Conti, G.), Springer Science + Business Media, 2009, [http://www.springerlink.com/content/978-90-481-2898-3/?p\\_o=10&sort=p\\_OnlineDate&sortorder=desc&o=20,pp.85-96](http://www.springerlink.com/content/978-90-481-2898-3/?p_o=10&sort=p_OnlineDate&sortorder=desc&o=20,pp.85-96) <http://www.springerlink.com/content/k3868951m65u6714/>, <http://www.graphitech.it/nato-arw/index.html>, [http://www.springerlink.com/content/978-90-481-2898-3/?p\\_o=10&sort=p\\_OnlineDate&sortorder=desc&o=10](http://www.springerlink.com/content/978-90-481-2898-3/?p_o=10&sort=p_OnlineDate&sortorder=desc&o=10)
- [5] Nospal A., Lazarevska A. M., 2009: "Environmental protection and industry: Parameters necessary for environmentally related decision making", in NATO Science for Peace and Security Series – C: Environmental Security "GeoSpatial Visual Analytics: Geographical Information Processing and Visual Analytics for Environmental Security", (Eds. De Amicis, R., Stojanovic, R., Conti, G.), Springer Science + Business Media, 2009, [http://www.springerlink.com/content/978-90-481-2898-3/?p\\_o=10&sort=p\\_OnlineDate&sortorder=desc&o=20,pp.97-112](http://www.springerlink.com/content/978-90-481-2898-3/?p_o=10&sort=p_OnlineDate&sortorder=desc&o=20,pp.97-112) <http://www.springerlink.com/content/115507817713063/>, [http://www.springerlink.com/content/978-90-481-2898-3/?p\\_o=10&sort=p\\_OnlineDate&sortorder=desc&o=10](http://www.springerlink.com/content/978-90-481-2898-3/?p_o=10&sort=p_OnlineDate&sortorder=desc&o=10).
- [6] Lazarevska A. M., 2006: "Determining the Decision Makers' Preferences in a MCDM Model", Mechanical Engineering – Scientific Journal. Vol. 25 No.1, 2006, p. 33-40.
- [7] Lazarevska A. M., 2006: "Comparative Analysis of Parameters Obtained while Simulating an Air-Pollution Episode", Mathematica Balkanica, New Series Vol. 20, 2006, Fasc. 1. pp. 49-62, and presented at the conference "PDE Methods in Applied Mathematics and Image Processing", September 6--10, 2004 Sponsored by the Alexander von Humboldt Foundation within the Stability Pact for Southeastern Europe, Sunny Beach, Bulgaria. <http://atlas-conferences.com/c/a/o/l/11.htm>, <http://www.mathbalkanica.info/toc/cont20-1.pdf>, ppt presentation [http://209.128.81.248/view/23b5c5-YjQOO/Comparative\\_Analysis\\_of\\_Parameters\\_obtained\\_while\\_Simulating\\_an\\_AirPollution\\_Episode\\_flash\\_ppt\\_presentation](http://209.128.81.248/view/23b5c5-YjQOO/Comparative_Analysis_of_Parameters_obtained_while_Simulating_an_AirPollution_Episode_flash_ppt_presentation).
- [8] Lazarevska A., Mircevski M., 2002: "Validity of the meteorological, emission and ground concentration parameters when simulating a selected pollution episode", Proc. Fac. Mech. Eng. – Skopje (currently: Mechanical Engineering – Scientific Journal), Vol. 21, No.1, pp. 17-28, 2002.
- [9] Lazarevska A., 1999: "AFM images of aluminum probe reinforced with SiC whiskers, palladium sample and Si–SiC sample". Proc. Fac. Mech. Eng. – Skopje (currently: Mechanical Engineering – Scientific Journal), Vol. 18, No, 1–2, pp. 41–52, 1999.
- [10] Lazarevska A., 1997: "Air Quality Dispersion Models from Energy Sources – Part 2", Enegetics 12/97, pp. 6-10, 1997.
- [11] Lazarevska A., 1996: "Air Quality Dispersion Models from Energy Sources – Part 1", Enegetics 11/96, pp. 11-15, 1996.

## II. References in Conference Proceedings and/or Book of Abstracts

- [12] Mladenovska D., Lazarevska A. M., Kochubovski M., 2016: "Assessing Alternatives for Natural Gas Supply in Macedonia versus Environmental Indicators", in Conf. Proc. – Book of Abstracts 6<sup>th</sup> International Conference "Protection of Natural Resources and Environmental Management: The Main Tools For Sustainability" (PRONASEM 2016), November 10-13, 2016, Bucharest, Romania, pp.37
- [13] Mladenovska D., Lazarevska A. M., 2016: "The impact of socio-economic indicators in assessing natural gas supply alternatives - Macedonian case", in Budzianowski W. M. (Ed.), Conf. Proc. – Book of Abstracts, Renewable Energy Sources - Research and Business (RESRB) 2016, June 22-24, 2016, Wrocław, Poland, pp. 67-68, (ID. RESRB2016.0027) ([https://works.bepress.com/wojciech\\_budzianowski/62/download/](https://works.bepress.com/wojciech_budzianowski/62/download/))
- [14] Lazarevska A. M., Mladenovska D., 2016: "Corruption and Bad Governance vs. Reliable Energy in the Economies in Transition", Proc. International Conference & Workshop REMOO-2016: "Science and Engineering for Reliable Energy", 18-20 May 2016, Budva, Montenegro, pp. 9.10.1-16
- [15] Mladenovska, D., Mitrovska Mirchevska S., Lazarevska A. M., 2016: "Indicators Relevant for Energy Security Risk Assessment of Critical Energy Infrastructure", Proc. International Conference & Workshop REMOO-2016: "Science and Engineering for Reliable Energy", 18-20 May 2016, Budva, Montenegro, pp. 9.41.1-13
- [16] Lazarevska A. M., Filkoski R., Mladenovska D., Tanchevski G., Gjurchinoski Z., Grozdanov A., Nacevski G., Gechevski G., Chebotareva Zh., Trajkovski Lj., Petrovska A., Matteini M., 2016: "What are the feasible impacts towards a more Energy Efficient and Low Carbon industry via implementing Energy Management Systems?", Proc. International Conference & Workshop REMOO-2016: "Science and Engineering for Reliable Energy", 18-20 May 2016, Budva, Montenegro, ID.1.51.
- [17] Lazarevska A. M., Bakreska Kormushoska N., Kochov A., 2015: "Complementarity and Overlapping among Energy Performance Indicators as part of the Sustainable Development and RECP Indicators in Cement Industry", Proc. International Conference & Workshop REMOO-2015: "Technological, Modelling and Experimental, Achievements in Energy Generation Systems", Budva, Montenegro, 2015, pp. 2.08.1-11 (<http://www.renecon.eu/html/remoo.html>)
- [18] Lazarevska A. M., Mladenovska D., 2015: "Multi-criteria assessment of natural gas supply options – The Macedonian case", Proc. International Conference & Workshop REMOO-2015: "Technological, Modelling and Experimental, Achievements in Energy Generation Systems", Budva, Montenegro, 2015, pp. 2.04.1-11 (<http://www.renecon.eu/html/remoo.html>)
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- [40] Lazarevska A., 2004: Country Report: Republic of Macedonia, presented at Environment Seminar for South East Europe ~ with focus on CDM/JI ~ Tokyo, Japan, Nov 11, 2004.
- [41] Lazarevska A. M., 2004: *"Comparative Analysis of Parameters Obtained while Simulating an Air-Pollution Episode"*, presented at the conference "PDE Methods in Applied Mathematics and Image Processing", September 6--10, 2004 Sponsored by the Alexander von Humboldt Foundation within the Stability Pact for Southeastern Europe, Sunny Beach, Bulgaria. <http://atlas-conferences.com/c/a/o/l/11.htm>, <http://www.mathbalkanica.info/toc/cont20-1.pdf>, ppt presentation [http://209.128.81.248/view/23b5c5-YjQ00/Comparative\\_Analysis\\_of\\_Parameters\\_obtained\\_while\\_Simulating\\_an\\_AirPollution\\_Episode\\_flash\\_ppt\\_presentation](http://209.128.81.248/view/23b5c5-YjQ00/Comparative_Analysis_of_Parameters_obtained_while_Simulating_an_AirPollution_Episode_flash_ppt_presentation).
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- [49] Mircevski, M., Lazarevska A., 1999.: *"Basic schemes for waste water treatment. Development of the waste water treatment technology"*, Proc. International Conference MAKKOM, Ohrid, October 14-15, 1999.
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### III. Books and other publications

- [51] Southeast Leadership for Development and Integrity (SELDI) Initiative (SELDI.net), Stefanov R., Dimulescu V., Stojilovska A., Podumljak M. (Eds.), 2016: *“Energy Governance and State Capture Risks in Southeast Europe: Regional Assessment Report”* (Lazarevska A. M., Daniela, M., as members of the experts team), as part of the Project *“Assessment of corruption and anti-corruption in Southeast Europe”*, prepared by the SELDI Initiative implemented by a consortium led by the Center for the Study of Democracy (CSD), co-funded by the European Union (EU) and the Central European Initiative (CEI). (<http://seldi.net/home/>) (2015 – 2016). ([http://seldi.net/fileadmin/public/PDF/Publications/Energy\\_backgrounder\\_2016/ENERGY\\_BACKGROUND\\_04\\_Final.pdf](http://seldi.net/fileadmin/public/PDF/Publications/Energy_backgrounder_2016/ENERGY_BACKGROUND_04_Final.pdf))
- [52] Lazarevska A. M., Daniela, M., 2016: *“Main Corruption and Bad Governance Issues in the Energy Sector in Macedonia”*, Interim draft report coordinated by Ohrid Institut, Skopje, as part of the Project *“Assessment of corruption and anti-corruption in Southeast Europe”*, prepared by the Southeast Leadership for Development and Integrity (SELDI) Initiative implemented by a consortium led by the Center for the Study of Democracy (CSD), co-funded by the European Union (EU) and the Central European Initiative (CEI). (<http://seldi.net/home/>) (2015 – 2016).
- [53] Lazarevska A. M. (chief interpreter) et al., 2013: Macedonian translation of the book *“Energy in Nature and Society”* by Vaclav Smil, pp. 480 (Eng. orig.), as part of the Gov’l Project for translating 500 top-rated titles used at the top rated universities (<http://www.1000knigi.mon.gov.mk/cat.php?id=30>)
- [54] Lazarevska A. M., Bilić I., Koçi A. (Eds.), 2012: *“Book of Case Studies: Service Learning Success Stories in Macedonia and Croatia”* (<http://www.equalaccess4pws.org/activity-5-print-and-distribute-publications-project>)
- [55] Lazarevska A. M., et al., 2012: *“Guidelines for Correct Attitude towards Persons with Disabilities or Limited Abilities in Higher Education”* (Eds. Lazarevska, A. M., Trajkovski, V., Petrov, R.), available in English (ISBN 978-608-4700-01-2), Macedonian (ISBN 978-608-4700-02-9), Croatian and Albanian. <http://www.equalaccess4pws.org/activity-5-print-and-distribute-publications-project>
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- [58] Kochi A., Reka A., Lazarevska A. M. (Eds.), 2011: *“Model United Nations: A model for extracurricular Activity”*, pp. 43 (Eng.), (ISBN 978-608-65257-2-9).
- [59] Lazarevska A. M. (Ed.), 2011: *“Book of abstracts: Regional JFDP Alumni Conference “Enhancing Accessibility of the Higher Education to the Disabled”, Nov. 22-24, 2010 in Skopje/Ohrid, Macedonia”*, Macedonian-American Alumni Association, 2011, pp. 46 (Mac.), pp. 37 (Eng.), (ISBN 978-608-65257-0-5) (in Macedonian: [http://www.maaa.com.mk/sites/default/files/Book%20of%20Abstracts\\_mk.pdf](http://www.maaa.com.mk/sites/default/files/Book%20of%20Abstracts_mk.pdf) and in English: [http://www.maaa.com.mk/sites/default/files/Book%20of%20Abstracts\\_eng.pdf](http://www.maaa.com.mk/sites/default/files/Book%20of%20Abstracts_eng.pdf)).
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- [62] Ciconkov R. and Lazarevska A., 2006: *"Countries' Experiences reference to the Establishment and Functioning of the DNAs"*, Report prepared for the Ministry of Economy, R. Macedonia, April 2006.
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- [64] Lazarevska A., 1996: *"Modeling the field of concentrations originating from a single steady state pollution source"*. Working report No. 2. for the project *"Coal Power Plants and the Environment"*, Macedonian Academy of Sciences and Arts (MASA), November 1996.
- [65] Lazarevska A., 1996: *"Influence of the meteorological factors on formation of the plume from a single steady state stationary source and the field of pollution ground concentrations. Review of certain corresponding models"* Working report No. 1. for the project *"Coal Power Plants and the Environment"*, Macedonian Academy of Sciences and Arts (MASA), October 1996.

#### IV. Invited lectures

- [66] Lazarevska A.M. 2016, *"Energy Management System in line with ISO 50001: A Link to Sustainable Energy & a Sound Opportunity for Green Jobs"* Invited lecture part of the Panel Discussion *"The Higher education and the Green Jobs in the R. Macedonia"*, within the EU Week of Sustainable Energy, Jun 13-15, 2016, and part of the Project *"Activating an academic curricula for renewable energy and energy efficiency in Kosovo"*, Joint project implemented by Go Green, Skopje in cooperation with the office of the Konrad-Adenauer-Stiftung (KAS) in Skopje and Pristina
- [67] Lazarevska, A. M., Mladenovska, D., 2015: *"What is the potential for introducing low carbon technologies via diversification of the natural gas supply in the R. Macedonia?"*, invited lecture for the JRC Support to Low Carbon Society, JRC Conference, 9 Sep, 2015, University Ss Cyril and Methodius, Skopje
- [68] Lazarevska, A. M., Bakreska Kormusheska, N., Kochov, A., 2015: *"Examining perspectives for implementing low carbon technologies in the cement industry in MK via the RECP model"*, invited lecture for the JRC Support to Low Carbon Society, JRC Conference, 9 Sep, 2015, University Ss Cyril and Methodius, Skopje
- [69] Lazarevska, A. M., 2015: *"The Synergy between Sustainable Development and Energy Management: Mitigating climate change via implementing sound decision making"*, Invited lecture within the Summer school *"It's in the WATER, it's where you come from!"* organized by BEST, Skopje, Macedonia, University Ss. Cyril and Methodius, Skopje.
- [70] Lazarevska, A. M., 2012: *"Equal Access through Service Learning for Persons with Disabilities: Lessons Learnt and First Project Results"*, invited presentation as part of the presentation of the Macedonian team titled *"Promoting inclusive education in Republic of Macedonia"*, Regional Workshop: VET for Social Inclusion in the Western Balkans and Turkey: From Conceptualisation to Actions, Regional Workshop, Tirana (Albania), 15-16 March 2012
- [71] Lazarevska, A. M.: 2009: *"The Challenge of Kyoto for Macedonia: Climate Change and Sustainability in Southeastern Europe"*, invited Mary-Choncoff distinguished annual lecture under the auspices of the ASU Melikian Center and the Mary-Choncoff Fund, Mar 19, 2009.  
[http://melikian.asu.edu/event/20090319\\_lazarevska](http://melikian.asu.edu/event/20090319_lazarevska).
- [72] Nospal, A., Lazarevska, A. M., 2008: *"Environmental protection and industry: Parameters necessary for environmentally related decision making"*, Invited key-note lecture for the Geographical Information Processing and Visual Analytics for Environmental Security, NATO - Advanced Research Workshop (NATO ARW), 13 – 17 October 2008 Trento – Italy. <http://www.graphitech.it/nato-arw/index.html>
- [73] Lazarevska, A., M., 2008: *"Multi-Criteria Decision Making Theory as a Tool for determining a tailored Landfill Monitoring Procedure"*, Invited presentation within the Project SFB 477, Technical University Braunschweig, Germany, May 7, 2008.
- [74] Lazarevska, A., 2007: *"CDM best practice example(s) from Macedonia"*, Invited presentation for the Climate Change Conference in Slovenia Nov 16, 2007 organized by the Slovenian Government and supported by the British Embassy in Slovenia. [http://videlectures.net/ccog07\\_lazarevska\\_cdm/](http://videlectures.net/ccog07_lazarevska_cdm/)  
<http://www.brdo-co2nference.net/index.php?id=7&L=1>,

- [75] Lazarevska, A., 2007: *“The UN Framework Convention on Climate Change, the Kyoto Protocol and the Benefits Deriving from the Flexible Clean Development Mechanism”*, invited lecture from JICA Alumni Association of R. Macedonia, held on 21 Feb 2007.
- [76] Lazarevska, A. and Ciconkov, R.: *“Report on the Activities towards Implementing Commitments under the UNFCCC and the Kyoto Protocol in the R. Macedonia”*, invited presentation for the Seminar on "Linking the Kyoto Project-Based Mechanisms with the EU ETS" 15-16 September 2005, Vienna, Austria, Organized by UNIDO, in cooperation with the Government of Hungary, UK Trade and Investment and the European Commission, 2005, (<http://www.unido.org/doc/43336>).

## V. Other

- [77] Lazarevska A. M., Daniela, M., 2016: *“Implementation of Energy Management System in JSC ELEM, Subsidiary Energetika (ELEM – Energetika): Draft Final Report”*, as part of the Project Titled: Catalyzing market transformation for industrial energy efficiency and accelerate investments in best available practices and technologies in the Former Yugoslav Republic of Macedonia (Project Number: UNIDO 120127 / GEF 4902)
- [78] Lazarevska A.M., Kitanovski D., Filkoski R. V., 2016: *“Summary Report for Energy Saving Assessment (ESA) – Steam-Host Company-Skopje: JSC ELEM – Branch Energetika”*, prepared as part of the project *“GEF-UNIDO Energy Management Systems (EnMS) Capacity Building and Implementation (CBI) Programme”* implemented through the Regional Environmental Center (REC), Office in Macedonia, funded by GEF-UNIDO (<http://www.rec.org>) (2015 – 2016)
- [79] Lazarevska A. M., 2015: Review report for 3 papers for the REMOO 2015 (conf.<sup>1</sup>).
- [80] Lazarevska, A. M., 2015: Review report for 5 papers for the International Journal of Contemporary Energy (conf.<sup>2</sup>).
- [81] Lazarevska A. M., 2015: *“Improving Energy Efficiency through Lighting Refurbishment at FME & FEEIT Campus”*, energy concept prepared as part of the EUREM training and exam process for obtaining the EUREM licence, within the European Energy Manager (EUREM) plus project: *“Boost Energy Efficiency in Manufacturing SMEs by Extending European Energy Manager Training and Network”*, part of the EUREM Programme, coordinated by the Nuremberg Chamber of Commerce and Industry, EU co-funded project supported by the IEE (Intelligent Energy Europe) Programme
- [82] Peeva, L., Jovanovski, D., Lazarevska A. M., Shushlevska, M. (CP Team members), 2011: *“Cleaner Production Assessment Report of MEGA DOOEL SKOPJE”*, within the 2010-2011 Cleaner Production (CP) Training (CIRKO National Cleaner Production Center – Macedonia – UNIDO Funded).
- [83] Lazarevska A. M., 2010: Review report of a Bilateral Macedonian Austrian Project (conf.<sup>3</sup>), engagement from the Macedonian Ministry of Education and Science.
- [84] Lazarevska A. M., 2010: Review report of a Bilateral Macedonian Bulgarian Project (conf.), engagement from the Macedonian Ministry of Education and Science.
- [85] Lazarevska A. M., 2010: Draft PDD for the CDM Project: *“Gas-Fired Combined Cycle Heat and Power Plant “Energetika”, for AD ELEM, 2010. within the Project “Building Local Expertise in Climate Project Development in Macedonia”, supported by a Grant issued by Norsk Energi, Norway, within the Project Building Local Expertise in Climate Project Development in Macedonia, implemented by the NGO Center for Climate Change.*
- [86] Lazarevska A. M., 2010: Draft PDD for the CDM Project: *“Rehabilitation of Bitola Thermal Power Plant” for AD ELEM, 2010. within the Project “Building Local Expertise in Climate Project Development in Macedonia”, supported by a Grant issued by Norsk Energi, Norway, within the Project Building Local Expertise in Climate Project Development in Macedonia, implemented by the NGO Center for Climate Change.*

<sup>1</sup> Please contact either Ms. Ana M. Lazarevska or the REMOO 2015 Organizing Committee.

<sup>2</sup> Please contact either Ms. Ana M. Lazarevska or the Editor in Chief of the International Journal of Contemporary Energy.

<sup>3</sup> Please contact either Ms. Ana M. Lazarevska or the Ministry of Education and Science for more information.

- [87] Lazarevska A. M., 2010: "*Quo-Vadis Macedonia*", Invited analysis in "Emerging Macedonia" the Magazine of the American Chamber of Commerce in Macedonia (AmCham Macedonia), Winter 2010 Issue 1, [http://www.amcham.com.mk/WBStorage/Files/winter%20issue\\_2010.pdf](http://www.amcham.com.mk/WBStorage/Files/winter%20issue_2010.pdf).
- [88] Trajkovski, L., Lazarevska A. M., 2009/2010: "Dynamics of objects and processes", Internal lectures and exercises, FME.
- [89] Lazarevska A. M., 2008: "*Multi-Criteria Decision Making Theory as a Tool for determining a tailored Landfill Monitoring Procedure*", Invited presentation within the Project SFB 477, Technical University Braunschweig, Germany, May 7, 2008.
- [90] Lazarevska, A.: "*Analysis of the Dynamics of a Turbine Regulation System*" - Practicum to the exercises for the course "Dynamics of Plants and Processes", 2003.
- [91] Lazarevska, A.: "*Analysis of the Dynamics of a Fly-Ball Regulator*" - Practicum to the exercises for the course "Dynamics of Plants and Processes", 2003.
- [92] Lazarevska, A.: "*Applications of MATLAB in System's Dynamics Analysis*". Seminar Guidelines for Students' Assignments for the course "Dynamics of Plants and Processes", 2002.
- [93] Mircevski, M., Jakimovski, S., Lazarevska, A.: "*Report for periodical research of the mobile hydraulic platform HTP-12 in Electroohrid – Ohrid*", Faculty of Mechanical Engineering, 1999.
- [94] Lazarevska, A.: Praktikum: "*AFM images of aluminum probe reinforced with SiC whiskers, palladium sample and Si-SiC sample*". Fraunhofer Institut fuer zerstoeungsfreie Pruefverfahren Saarbruecken, Saarland, Germany, 1994.
- [95] Lazarevska, A.: Praktikum: AutoCAD – Anwendungen in der Konstruktion, Technische Hochschule in Zwickau, Germany, 1992.
- [96] Series of articles for popularisation of science in the Journal Porta 3, 2004 - 2006.

## **VI. Participated in scientific / research / applicative projects**

### **As Project Leader and or co-Leader**

- [1] Bilić I., Lazarevska A. M. (project co-Leader for Macedonia) et al., 2012 – 2013: "*Open Access to the Entrepreneurship Lifelong Learning (LLL) Education for Persons with Disabilities (PwDs) adjusted for Visually Impaired Persons (VIPs)*" financed by the Alumni Innovation Engagement Fund from the US Department of State, <http://www.ill4business.org/>
- [2] Lazarevska A. M. (project leader): "*Ensuring Equal Access through Service Learning for Persons with disabilities*", financed by the Alumni Innovation Engagement Fund from the US Department of State (Oct 2011 – Oct 2012)) (Bilateral project in Macedonia and Croatia) <http://www.equalaccess4pws.org/>.
- [3] Lazarevska A. M. (project co-leader) and Atanasovski, A., 2010: "*Regional JFDP Alumni Conference "Enhancing Accessibility of the Higher Education to the Disabled"*", Nov. 22-24, 2010 in Skopje/Ohrid, Macedonia", realized through the Macedonian-American Alumni Association. Financed by the Junior Faculty Development Program (JFDP) Alumni Grant (JAG), under the auspices of the Alumni Local Initiative Grants Program, which is funded by the Bureau of Educational and Cultural Affairs of the United States Department of State (ECA), under authority of the Fulbright Hays Act of 1961 as amended, and administered by the American Councils for International Education: ACTR/ACCELS. (Aug 2010 – Dec 2010)

### **As Participant**

- [4] "*Activating an academic curricula for renewable energy and energy efficiency in Kosovo*", Joint project implemented by Go Green, Skopje in cooperation with the office of the Konrad-Adenauer-Stiftung (KAS) in Skopje and Pristina
- [5] "*Assessment of corruption and anti-corruption in Southeast Europe*", prepared by the Southeast Leadership for Development and Integrity (SELDI) Initiative implemented by a consortium led by the Center for the

- Study of Democracy (CSD), co-funded by the European Union (EU) and the Central European Initiative (CEI). (<http://seldi.net/home/>) (2015 – 2016).
- [6] ISO 50001 Global Impact Research Network (GIRN), coordinated by the Lawrence Berkeley National Laboratory, and supported by the US Department of Energy, part of the Energy Management Working Group (EMWG) acting as a convenor through the Clean Energy Ministerial (CEM) and in collaboration with the International Partnership for Energy Efficiency (IPEEC)
- [7] GEF-UNIDO EnMS CBI: “*GEF-UNIDO Energy Management Systems (EnMS) Capacity Building and Implementation (CBI) Programme*” implemented through Regional Environmental Center (REC), Office in Macedonia, funded by GEF-UNIDO (<http://www.rec.org>) (2015 – )
- [8] European Energy Manager (EUREM) plus: “*Boost Energy Efficiency in Manufacturing SMEs by Extending European Energy Manager Training and Network*”, part of the EUREM Programme, coordinated by the Nuremberg Chamber of Commerce and Industry, EU co-funded project supported by the IEE (Intelligent Energy Europe Programme) <http://www.ihk-eforen.de/display/eurem/EUREMplus>, <http://mk.eurem.net/display/euremmk/EUREM+MK> (implemented by Cosmo Macedonia) (2013 – 2015)
- [9] “*Quality Improvement of Master programs in Sustainable Energy and Environment*”, a PGS, HERD Energy Project implemented by International Partners and FME (2014 – 2016 (2017)) <http://www.mf.ukim.edu.mk/sites/default/files/files/QIMSEE.pdf>.
- [10] „*Development of Environmental and Resources Engineering Learning (DEREL)*“, EU TEMPUS Project, Tuneski A. (Project Leader) et al. (2010 – 2014)
- [11] “*VET for Social Inclusion in the Western Balkans and Turkey: From Conceptualisation to Actions*”, project implemented through ETF, EC funded, 2012
- [12] “*Cleaner Production (CP) Training*”, implemented through CIRKO National Cleaner Production Center – Macedonia, financed by UNIDO, Kochov, A. (Project Leader) et al.: (2010 – 2012)
- [13] “*Model United Nations: A Model for Extra Curricular Activity*”, Small Grants US Embassy, Koci, A. (Project leader) et al.: (2011)
- [14] “*Building Local Expertise in Climate Project Development in Macedonia*”, financially supported by a grant implemented through Norsk Energi, Norway and the Center for Climate Change (2010)
- [15] “*Application of CFD and CAX Technologies in Fluid Flow Processes in Energetics and Ecology*”, Univ “Sv. Kiril i Metodij”, Faculty of Mechanical Engineering, Skopje. Financed by the Ministry of Education and Sciences, R. Macedonia, 2006–2009.
- [16] “*Analysis of Reaction Processes in Municipal Landfills*”, Project under the Special Research Field (Sonder Forschungsbereich – SFB) 477 B5, financed by German Research Association (Deutscher Forschungsgesellschaft – DFG), Institute for Biotechnology (IBVT), TU Braunschweig (TU BS), Germany.
- [17] “*Combined Cycle Heat and Power Plant (CCHPP) Energetika, Skopje*”, (CDM Consultant to JSC Macedonian Power Plants for Producing a draft Project Design Document) (2010 – 2011), within the Project “Building Local Expertise in Climate Project Development in Macedonia”, supported by a Grant issued by Norsk Energi, Norway, within the Project Building Local Expertise in Climate Project Development in Macedonia, implemented by the NGO Center for Climate Change.
- [18] “*Bitola Thermal Power Plant (TPP) Rehabilitation Project*” (CDM Consultant to JSC Macedonian Power Plants for Producing a draft Project Design Document) (2010 – 2011), within the Project “Building Local Expertise in Climate Project Development in Macedonia”, supported by a Grant issued by Norsk Energi, Norway, within the Project Building Local Expertise in Climate Project Development in Macedonia, implemented by the NGO Center for Climate Change.
- [19] “*Fuel Switch at the Hot Plate Mill of MAKSTIL A.D.*”, registered CDM project (for A.D. Makstil), lead by Mitsubishi UFJ Morgan Stanley Securities Co., Ltd. (engagement as Local Consultant) (2008 - )
- [20] “*Rehabilitation of six HPPs in the Republic of Macedonia*” (for JP “Elektrani na Makedonija” (ELEM) – JSC Macedonian Power Plants, lead by “Mitsubishi UFJ Securities Co., Ltd. , (engagement as Local Consultant) (2007 – 2009)

- [21] *“Applied Activities on National Type Approval (NTA) of Motor Vehicles”*, Faculty of Mechanical Engineering, Skopje, R. Macedonia (ongoing – participation during 2003-2004).
- [22] *“Establishing Computational Science in Engineering (CSE) in Bulgaria and Macedonia”*, SNSF SCOPES Project - an Institutional Partnership Project supported by the IP SCOPES Program of the SWISS NSF, 02/04. Project Leader W. Gander, 2002 – 2004.
- [23] *“Study of the communal treatment plants in the R. Macedonia: Aspect of the study – functionality of the hydro mechanical equipment”*, Univ “Sv. Kiril i Metodij”, Faculty of Mechanical Engineering, Skopje. Financed by the Ministry of Education and Sciences, R. Macedonia, 2000–2003.
- [24] *“Project for improving the effluent quality from galvanizing activities at Zastava’s plant”*, for AGP Zastava – Ohrid, ECOLINKS project, financed by USAID 1999.
- [25] *“Computer Regulation with Processes in the Systems of Gas Pipelines”*. Faculty of Mechanical Engineering, 1999.
- [26] *“Low–energy collision processes of ions with atoms and solid surfaces”*, IAEA, Vienna. 1998.
- [27] *“Establishment of a Country Specific Database for Macedonia, containing technical, economic and environmental data for electricity supply options and strategies”*, Macedonian Academy of Sciences and Arts (MASA), 1997-1998.
- [28] *“Energy and Environmental modelling”* Macedonian Academy of Sciences and Arts (MASA), 1995-1998.
- [29] *“Coal Power Plants and the Environment”*, Macedonian Academy of Sciences and Arts (MASA), 1994-1997.

## VII. Applications for scientific / research / applicative projects

- [1] Bilić, I., Lazarevska, A. M. (project co-Leader for Macedonia) et al., 2012 – 2013: *“Open Access to the Entrepreneurship Lifelong Learning (LLL) Education for Persons with Disabilities (PwDs) adjusted for Visually Impaired Persons (VIPs)”* financed by the Alumni Innovation Engagement Fund from the US Department of State, <http://www.ill4business.org/>, Funding obtained.
- [2] Lazarevska, A. 2011 – 2012: *“Service Learning towards tackling Individual needs of the Persons with disabilities in Education”*, financed by the Alumni Innovation Engagement Fund from the US Department of State (Sep 2011 – Oct 2012)). Funding obtained
- [3] Lazarevska, A. and Atanasovski, A., 2010: *“Regional JFDP Alumni Conference “Enhancing Accessibility of the Higher Education to the Disabled”*, Nov. 22-24, 2010 in Skopje/Ohrid, Macedonia”, realized through the Macedonian-American Alumni Association. Financed by the Junior Faculty Development Program (JFDP) Alumni Grant (JAG), under the auspices of the Alumni Local Initiative Grants Program, which is funded by the Bureau of Educational and Cultural Affairs of the United States Department of State (ECA), under authority of the Fulbright Hays Act of 1961 as amended, and administered by the American Councils for International Education: ACTR/ACCELS. (Aug 2010 – Dec 2010). Funding obtained
- [4] Lazarevska, A., 2011 *„BEYOND BORDERS – 1st State Alumni Conference 2012: Service Learning opening Equal Access Perspectives for the Persons with Disabilities, 2012“*, Regional Alumni Outreach Competition to support State Department (DOS) program alumni in Eastern and Central Europe
- [5] Lazarevska, A.:2011: *“Public Awareness Campaign showing challenges facing People with Disabilities in Macedonia”*, Application for Small Grants Category, US Embassy Skopje, Macedonia, Apr, 2011
- [6] Lazarevska, A. et. al., 2011: *“Strengthening Capacity for Strategic Decision Making and Risk Assessment towards Sustainable Development in Rural Agriculture: Tackling Climate Change with Renewable Energy and Energy Efficiency Measures (Zero and Low Carbon Emission Technologies)”*, USAID RFA # M-OAA-GRO-EGAS-DGP-11-0001
- [7] Lazarevska, A. et. al., *„Strengthening Capacity of Young Women with Disabilities“*, European Instrument for Democracy and Human Rights (EIDHR), 2010, Country Based Support Scheme (CBSS): Strengthening the Role of Civil Society in Promoting Human Rights and Democratic Reform, Restricted Call for Proposals, Reference: EuropeAid/131-358/L/ACT/MK

- [8] Lazarevska, A. et. al., *“Access to Higher Education for Everyone!: Better inclusion of students with disabilities.”*, United Nations Democracy Fund Fifth Round (15 November – 31 December 2010)
- [9] *„Will climatic changes lead to harmful pollution levels in South-Eastern Europe?“*, project application for NATO Programme for Security through Science-Science for Peace Programme, as co-Leader for Macedonia part of the project team led by K. Georgiev (Institute for Parallel Processing, Bulgarian Academy of Sciences) and Z. Zlatev (National Environmental Research Institute, DTU)
- [10] *„Establishment of Mobility Centre in the R. of Macedonia“*, project within the FP7 (project application submitted Aug 07). Took part in the preparation (preparing the project narrative) of a successfully accepted project application. Implementator: National Agency for European Educational Programmes and Mobility of the R. Macedonia.
- [11] Mircevski, M., Lazarevska, A.: Full application for the ECOLINKS funded project: *“Project for improving the effluent quality from galvanizing activities at Zastava’s plant”*, for AGP Zastava – Ohrid, 1999.
- [12] Mircevski, M., Lazarevska, A.: Full application for the project seeking financing by ECOLINKS: *“Technological-technical solution for waste coal dust reprocessing system at the heating plant boiler facility in the city of Makedonska Kamenica”*, for Doming, M. Kamenica, 1999.