

# CURRICULUM VITAE

## PERSONAL INFORMATION

<b>Name</b>	<b>VERICA TASESKA-GJORGIEVSKA</b>
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<b>Date of Birth</b>	22.04.1983

## EDUCATION

- |                 |  |
|-----------------|--|
| <b>• Dates</b>  | October 2006 – July 2011   |
|                 | Faculty of Electrical Engineering and Information Technologies,<br>University of "Sts. Cyril and Methodius" - Skopje |
| <b>• Degree</b> | Master studies; Department: Transmission and Distribution Systems<br>Master of Science in Electrical Engineering     |
| <b>• Dates</b>  | October 2001 – June 2006   |
|                 | Faculty of Electrical Engineering and Information Technologies,<br>University of "Sts. Cyril and Methodius" – Skopje |
| <b>• Degree</b> | Undergraduate Studies; Department: Power Engineering<br>Bachelor of Science in Electrical Engineering                |

## LANGUAGES

ENGLISH

## WORK EXPERIENCE

- |                |   |
|----------------|---|
| <b>• Dates</b> | 2006 - present  |
|                | Research Center for Energy, Informatics and Materials<br>Macedonian Academy of Sciences and Arts (ICEIM-MANU)<br>Research Assistant |

## PARTICIPATION IN RESEARCH AND STRATEGIC PROJECTS (IN ICEIM-MANU)

- |  |   |
|--|---|
| <b>• ENERGY PLANNING</b>                 | <ul style="list-style-type: none"> <li>• <b>Strategy for Energy Development in the Republic of Macedonia until 2030</b> (Government of Republic of Macedonia, November 2008 – April 2010)</li> <li>• <b>Strategy for Utilization of Renewable Energy Sources in the Republic of Macedonia by 2020</b> (Government of Republic of Macedonia, January 2009 - August 2010)</li> <li>• <b>Europe and Eurasia Energy Security and Market Development, MARKAL model – Macedonia</b> (USAID, July 2009 – June 2012)</li> </ul> |
| <b>• RENEWABLE ENERGY SOURCES</b>        | <ul style="list-style-type: none"> <li>• <b>Development of the 2012-2016 Implementation Program for the Energy Strategy in the Republic of Macedonia</b> (World Bank, Ministry of Economy, 2011 - 2013)</li> <li>• <b>Renewables for Isolated Systems - Energy Supply and Waste Water Treatment - RISE</b> (EU FP6, 2005-2007)</li> <li>• <b>Solar Thermal Program</b>, (Austrian Government, 2005-2008)</li> <li>• <b>More Microgrids, Specific Target Research Project – STREP</b> (EU FP6, 2007-2009)</li> </ul>     |
| <b>• ENVIRONMENT (CLIMATE CHANGES)</b>   | <ul style="list-style-type: none"> <li>• <b>Undertaking GHG Abatement Analysis in the Republic of Macedonia, Second National Communication to UNFCCC</b> (UNDP, 2006-2007)</li> <li>• <b>Green Growth and Climate Change Analytic and Advisory Support Program – Energy Sector Modeling</b>, (World Bank, 2011-2013)</li> </ul>   |
| <b>• OTHER (MOBILITY OF RESEARCHERS)</b> | <ul style="list-style-type: none"> <li>• <b>Development of Researchers Mobility Policy Guidelines for the Region of Western Balkans - WEB-MOB</b> (EU FP6, 2005-2007)</li> <li>• <b>Inter-sectoral Mobility of Researchers in South-Eastern Europe - I-SEEMob</b> (EU FP7, 2009-</li> </ul>   |

**PARTICIPATION IN OTHER  
RESEARCH PROJECTS**

- **Promotion of sustainable agricultural practices, energy efficiency and usage of renewable energy sources in rural areas of Republic of Macedonia - Agroenergy**, (CeProSARD, Swedish International Development Cooperation Agency - SIDA, March 2009 - September 2009)
- **Assessment of climate change impacts on energy demand** (UNDP, January 2011 - March 2011)

**PUBLICATIONS**

• **SCI OR SCI EXPANDED JOURNALS**

- [1] Markovska N., Taseska V., Pop-Jordanov J.: **SWOT Analyses of the National Energy Sector for Sustainable Energy Development**, Energy 34 (2009), 752–756, Elsevier Journal
- [2] Krkoleva A., Taseska V., Markovska N., Taleski R., Borozan V., **Microgrids: The Agria test location**, Thermal Science, 2010, Vol. 14, No. 3, pp. 747-758
- [3] Taseska V., Markovska N., Causevski A., Bosevski T., Pop-Jordanov J., **GHG Emissions Reduction in a Power System Predominantly Based on Lignite**, Energy 36 (2011), 2266-2270, Elsevier Journal
- [4] Ćosić B., Markovska N., Taseska V., Krajačić G., Duić N., **The Potential of GHG Emissions Reduction in Macedonia by Renewable Electricity**. Chemical Engineering Transactions 25 (2011), 57-62.
- [5] Ćosić B., Markovska N., Taseska V., Krajačić G., Duić N., **Environmental and Economic Aspects of Higher RES Penetration into Macedonian Power System**, Applied Thermal Engineering, 43 (2012), 158-162, Elsevier Journal
- [6] Taseska V., Markovska N., Callaway J.M., **Evaluation of Climate Change Impacts on Energy Demand**, Energy 48 (2012) 88-95, Elsevier Journal

• **BOOK CHAPTERS**

- [7] Dedinec A., Taseska V., Markovska N., Kanevce G., Bosevski T., Pop-Jordanov J., **The Potential of RES for GHG Emissions Reduction**, Thermal Science, 2012, Vol. 16, No. 3, pp. 717-728
- [8] Markovska N., Krkoleva A., Taseska V., Bitrak N., **Possibilities of Utilizing Solar Energy Potential in Rural Areas of the Republic of Macedonia**, in: *Energy from Agriculture - Energy for Agriculture*, (Ed. Vukovic V.); ISBN 978-608-65071-2-1; CeProSARD, 2010, pp 11-32
- [9] Markovska N., Krkoleva A., Taseska V., Bitrak N., **Possibilities of Utilizing Wind Energy Potential in Rural Areas of the Republic of Macedonia**, in: *Energy from Agriculture - Energy for Agriculture*, (Ed. Vukovic V.); ISBN 978-608-65071-2-1; CeProSARD, 2010, pp 133-152
- [10] Markovska N., Taseska V., Callaway J., **Energy Demand for Space Heating and Cooling**, in: *Assessing the Economic Impact of Climate Change*, (Ed. Landau S.), UNDP, 2011, pp. 37-56.

• **CONFERENCE (FULL PAPER)**

- [11] Taseska V., Markovska N., Causevski A., Bosevski T., Pop-Jordanov J., **GHG emissions reduction in a power system predominantly based on lignite**, „5th Dubrovnik Conference on Sustainable Development of Energy, Water and Environment Systems“, 29 September - 3 October 2009, Dubrovnik, Croatia; Book of Abstracts, page 346; Full paper in CD Proceedings ISBN: 978-953-6313-98-3
- [12] Krkoleva A., Taseska V., Markovska N., Borozan V., Taleski R., **Introducing the Microgrids concept: description of the pilot test location in Macedonia**, „5th Dubrovnik Conference on Sustainable Development of Energy, Water and Environment Systems“, 29 September - 3 October 2009, Dubrovnik, Croatia; Book of Abstracts, page 324; Full paper in CD Proceedings ISBN: 978-953-6313-98-3
- [13] Taseska V., Krkoleva A., Markovska N., **Pilot Microgrid fed with biogas power plant**, 5<sup>th</sup> Symposium on Recycling Technologies And Sustainable Development, 12 - 15 September, Soko Banja, Serbia; Proceedings, pp. 565-571
- [14] Taseska V., Krkoleva A., Markovska N., **Sustainable energy practices in Macedonian agricultural sector**, 5<sup>th</sup> Symposium on Recycling Technologies And Sustainable Development, 12 - 15 September, Soko Banja, Serbia; Proceedings, pp. 572-579
- [15] Krkoleva A., Taseska V., Markovska N., Taleski R., Borozan V., **Social Aspects of Wider Microgrids Deployment**, Proceedings of the 7th Mediterranean Conference on Power Generation, Transmission Distribution and Energy Conversion, 7 – 10 November 2010, Agia Napa, Cyprus, (MedPower 2010), Proceedings, Ref. No: MED10/244, pp. 1-8, 7-10, doi: 10.1049/cp.2010.0952
- [16] Krkoleva A., Taleski R., Markovska N., Taseska V., Kanevce G., **Implementation of the Feed-in**

- Tariffs in the Macedonian Power System**", 8th International Conference on the European Energy Market (EEM), 2011 pp. 935-940, 25 - 27 May 2011, doi: 10.1109/EEM.2011.5953143
- [17] Čosić B., Markovska N., Taseska V., Krajačić G., Duić N., **The Potential of GHG Emissions Reduction in Macedonia by Renewable Electricity**, PRES 2011: 14th International Conference on Process Integration, Modelling and Optimisation for Energy Savings and Pollution Reduction, 8-11 May, 2011; Florence, Italy, Chemical Engineering Transactions, 2011, vol. 25, pp. 57-62; doi: 10.3303/CET1125010.
- [18] Čosić B., Markovska N., Taseska V., Krajačić G., Duić N., **Improving the RES Absorption Capacity of the Macedonian Energy System**. ECOS 2011: Proceedings of the 24th International Conference on Efficiency, Cost, Optimization, Simulation and Environmental Impact of Energy Systems, 4-7 July, 2011, Novi Sad, Serbia.
- [19] Sazdovski I., Taseska V., Markovska N., **Assessment of Policy and Technical Needs for Successful Municipal Energy Efficiency Planning**, ECOS 2011: Proceedings of the 24th International Conference on Efficiency, Cost, Optimization, Simulation and Environmental Impact of Energy Systems, 4-7 July, 2011, Novi Sad, Serbia.
- [20] Markovska N., Krkoleva A., Taseska V., Borozan V., Pop-Jordanov J., **Enabling environment for better utilization of solar and wind energy in Macedonian agricultural sector**, 6th Dubrovnik Conference on Sustainable Development of Energy, Water and Environment Systems, 25-29 September 2011, Dubrovnik, Croatia; Book of Abstracts, page 88, ISBN: 978-953-7738-12-9, paper CD Proceedings ISBN: 978-953-7738-13-6, paper number 172 (invited for submission in Applied Energy).
- [21] Markovska N., Taseska V., Krkoleva A., Borozan V., Pop-Jordanov J., **Comparative assessment of solar and wind energy pilot projects in rural areas**, 6th Dubrovnik Conference on Sustainable Development of Energy, Water and Environment Systems, 25-29 September 2011, Dubrovnik, Croatia; Book of Abstracts, page 465, ISBN: 978-953-7738-12-9, paper in CD Proceedings ISBN: 978-953-7738-13-6, paper number 166 (invited for submission in Energy).
- [22] Taseska V., Markovska N., Callaway J.M., **Evaluation of climate change impacts on energy demand**, 6th Dubrovnik Conference on Sustainable Development of Energy, Water and Environment Systems, 25-29 September 2011, Dubrovnik, Croatia; Book of Abstracts, page 273, ISBN: 978-953-7738-12-9, paper in CD Proceedings ISBN: 978-953-7738-13-6, paper number 167 (invited for submission in Energy).
- [23] Dedinec A., Taseska V., Markovska N., Kanevce G., **The potential of RES for GHG emissions reduction**, 6th Dubrovnik Conference on Sustainable Development of Energy, Water and Environment Systems, 25-29 September 2011, Dubrovnik, Croatia; Book of Abstracts, page 472, ISBN: 978-953-7738-12-9, paper in CD Proceedings ISBN: 978-953-7738-13-6, paper number 1002.
- [24] Taseska V., Krkoleva A., Markovska N., Taleski R., Kanevce G., **Potential and possibilities for utilization of renewable energy sources in the Republic of Macedonia**, 7th Conference Mako Cigre, 2-4 October 2011, Ohrid, Macedonia; Book of Abstracts ISBN: 978-608-4578-02-4, CD Proceedings ISBN: 978-608-4578-03-9, paper number C6-149R.
- [25] Taseska V., Markovska N., Kanevce G., Goldstein G., Pye S., **Assessment of the Impact of Renewable Energy and Energy Efficiency Policies on the Macedonian Energy Sector Development**, 7th Conference on Sustainable Development of Energy, Water and Environment Systems, SDEWES – Ohrid, 1-6 July 2012, Book of Abstracts, p. 88; Full Paper in CD Proceedings, ISSN 1847-7186, SDEWES2012.0356.
- [26] Dedinec A., Taseska V., Markovska N., Kanevce G., **Assessment of Climate Change Mitigation Potential of the Macedonian Transport Sector**, 7th Conference on Sustainable Development of Energy, Water and Environment Systems, SDEWES – Ohrid, 1-6 July 2012, Book of Abstracts, p. 206; Full Paper in CD Proceedings, ISSN 1847-7186, SDEWES2012.0471.
- [27] Sazdovski I., Taseska V., Trpevski S., Markovska N., **Estimating the Marginal Cost and Environmental Effectiveness of the Climate Change Mitigation Measures in Public Buildings in Macedonia**, 7th Conference on Sustainable Development of Energy, Water and Environment Systems, SDEWES – Ohrid, 1-6 July 2012, Book of Abstracts, p. 219; Full Paper in CD Proceedings, ISSN 1847-7186, SDEWES2012.0519