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PUBLISHED AND PRESENTED PAPERS (last 15 years)

- Gligor Kanevče**, Aleksandar Dedinec, Aleksandra Dedinec, **Optimal usage of biomass for energy purposes toward sustainable development – a case of Macedonia**, Thermal Sciences, Volume 20, Supplement, 2016
- Gligor Kanevče**, Aleksandar Dedinec, Aleksandra Dedinec, Ljubica Kanevče, **Long-term predictions of the energy development – possibilities and challenges**, Thermal Sciences, Volume 20, Supplement, 2016
- Dedinec A, Taseska-Gjorgievska V, Markovska N, Obradovic Grncarovska T, Duic N, Pop-Jordanov J, **Kanevce G. Towards post-2020 climate change regime: Analyses of various mitigation scenarios and contributions for Macedonia**. Energy 2016; 94:124–37. doi:10.1016/j.energy.2015.10.085
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- G. H. Kanevce, L. P. Kanevce,** *The Combustion Plants Air Quality Impact - Present Status and Perspectives*, Ukraine – Macedonian Science's Proceeding NO. 6, Kiev, 2014
- Taseska-Gjorgievska V., Dedinec A., Markovska N., Pop-Jordanov J., **Kanevce G.,** Goldstein G., Pye S., *Exploring the Impact of Reduced Hydro Capacity and Lignite Resources on the Macedonian Energy Sector*, Thermal Science, 2014, Vol. 18, No. 3, pp. 721-730
- Markovska N., Dedinec A., Taseska-Gjorgievska V., Obradovic Grncarovska T., Duic N., Pop-Jordanov J., **Kanevce G.,** *Towards Post-2020 Climate Change Regime: Comparative Assessment of Various Scenarios and Contributions for a non-Annex I country*, Digital proceedings: 1st South East European Conference on Sustainable Development of Energy, Water and Environment Systems - SEE SDEWES Ohrid 2014, 29 June - 3 July 2014, SDEWES.SEE2014.0133.
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- Taseska-Gjorgievska V., Dedinec A., Markovska N., Pop-Jordanov J., **Kanevce G.,** *Towards Affordable, Secure and Acceptable Electricity Supply: Analysis of the Fuel Mix Changes in a Power System Predominantly Based on Coal*, Digital proceedings: 1st South East European Conference on Sustainable Development of Energy, Water and Environment Systems - SEE SDEWES Ohrid 2014, 29 June - 3 July 2014, SDEWES.SEE2014.0132.
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- Taseska V., Dedinec A., 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*, *J. Renewable Sustainable Energy* 5, 041814 (2013); doi: 10.1063/1.4813401
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- Kanevce Gligor, Kanevce Ljubica, Possibilities for Meeting the Macedonian Electricity Needs

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Dedinec Aleksandar, Taseska Verica, Markovska Natasa, **Kanevce Gligor**, *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; Full Paper in CD Proceedings.

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Dedinec Aleksandar, Taseska Verica, Markovska Natasa, **Kanevce Gligor**, Bosevski Tome, Pop-Jordanov Jordan, *The Potential of RES for GHG Emissions Reduction*, 6th Conference on Sustainable Development of Energy, Water and Environment Systems, Dubrovnik 25-29 September 2011, Book of Abstracts; Full Paper in CD Proceedings.

Тасеска Верица, Крколева Александра, Марковска Наташа, Талески Рубин, **Каневче Глигор**, *Појенцијал и можности за искористување на обновливиите извори на енергија во Република Македонија*, 7-мо Советување Мако Сигре 2011, 2-4 Октомври 2011, Охрид, Македонија; Зборник на куси содржини ISBN: 978-608-4578-02-4, Зборник на трудови ISBN: 978-608-4578-03-9, труд бр. С6-149R.

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Kanevce G, *Utilization of the Renewable Energy Sources in the Republic of Macedonia - Present status and perspectives*, Regional Conference: Renewable Energy Sources and their Application, Podgorica, 27 October 2010

Kanevce G, *Development Strategy of the Macedonian Energy Sector*, International Conference ENERGY 2010, Zlatibor, 23-26 March 2010

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- Gligor H. Kanevče**, Ljubica P. Kanevče, Vangelče B. Mitrevski, George Dulikravich, *Inverse estimation of moisture diffusivity by utilizing temperature response of a drying body*, International Conference on Computational & Experimental Engineering and Sciences, Honolulu, Hawaii, U.S.A., 2008
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- G. Kanevce**, L. Kanevce, *Macedonian Energy Sector and Ecology*, International Conference on Macedonian and Ukrainian energy sectors, Odessa, Ukraine, 2007.
- G. H. Kanevce**, L. P. Kanevce, V.B. Mitrevski, G. S. Dulikravich, *Inverse approaches to drying of sliced foods*, Inverse Problems, Design and Optimization Symposium, Miami, Florida,U.S.A, 2007.
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- Gligor Kanevce**, *Energy sector in Macedonia and Ecological Aspects, Energy and municipality*, Skopje, 2007
- Vlatko Cingoski, Dimitar Hadji-Misev, **Gligor Kanevce**, Tome Bosevski, *Energy sector in Macedonia*, International Conference on Macedonian and Ukrainian energy sectors, Bitola, Macedonia, 2007
- Andreevski Igor, **Kanevče Gligor**, Kanevče Ljubica, *Air Pollution Modeling*, PROCESING 2007, Beograd, 2007.
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- G. H. Kanevce, L. P. Kanevce, G. S. Dulikravich, *Estimation of thermophysical properties of a drying body at high mass transfer Biot number*, International Symposium on Inverse Problems in Engineering Mechanics IV, ISIP 2003, Nagano, Japan, February, 2003.
- Kanevce G., Kanevce Lj., Dulikravich G., Colaco M.J., *An Inverse Method at High Mass Biot Number*, Proceedings of HT03 ASME Summer Heat Transfer Conference, Las Vegas, Nevada, USA, July 21-23, 2003.
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Gligor H. Kanevce, Ljubica P. Kanevce, *Design of Experiments for Inverse Estimation of Thermophysical Properties of a Drying Body*, Invited Paper, Fifth World Congress on Computational Mechanics, Vienna, Austria, July 7-12, 2002.

Kanevce, G.H., Kanevce, L.P., Dulikravich, G.S. Orlande, H.R.B, *Estimation of thermophysical properties of moist materials under different drying conditions*, 4th Int. Conf. on Inverse Problems in Engineering, Rio de Janeiro, Brazil, 2002.

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Kanevce, G.H., Kanevce, L.P., and Dulikravich, G.S., *Estimation of drying food thermophysical properties by using temperature measurements*, 4th International Conference on Inverse Problems in Engineering Rio de Janeiro, Brazil, 2002.

Kanevce, G.H., Kanevce, L.P., Mitrevski, V.B., Design of experiments in the inverse drying problems, *Proceedings of the 15th International Congress of chemical and Process Engineering, CHISA 2002, August 25-29, Praha, Czech Republic, 2002.*

G. H. Kanevce, L. P. Kanevce, G. S. Dulikravich, *Simultaneous estimation of thermophysical properties and heat and mass transfer coefficients of a drying body*, in M. Tanaka, G. S. Dulikravich eds., *Inverse Problems in Engineering Mechanics III*, pp. 3-12, Elsevier, Amsterdam-London-New York-Oxford-Paris-Shannon-Tokyo, 2002.

INVITED LECTURES

Long-term energy sector planning – possibilities and challenges, 16th Symposium on Thermal Science and Engineering of Serbia, Sokobanja, Serbia, October 22–25, 2013

Stimulation of energy efficiency in Republic of Macedonia, International Symposium “ENERGETICS 2012”, ZEMAK, Ohrid, October 04, 2012

Program for Realization of the Energy Development Strategy in the Republic of Macedonia for the Period 2013-2017, MANU, Skopje, September 03, 2012

Strategy for Energy Development in the Republic of Macedonia – Energy Community Member, Roundtable: Infrastructure, Development and Energy”, Skopje, September 23, 2011

SYNERGY - Strategic Planning in Southeast Europe and the Caucasus – Activities and Accomplishments, USAID/Hellenic Aid Cooperative Energy Program – Ministry of Economy, Skopje, 06.12.2010

SWOT analysis of the Energy Sector in Macedonia and basic recommendations, Round Table on Implementation of energy policy – barriers and opportunities, Council for Global Cooperation, Skopje, March 17, 2010

Strategy for Utilization of Renewable Energy Sources in the Republic of Macedonia by 2020, Round Table, Committee on Economy of the Assembly of the Republic of

Macedonia, Skopje, May 28, 2010

Strategy for Utilization of Renewable Energy Sources in the Republic of Macedonia by 2020, Experts' roundtable, Macedonian Academy of Sciences and Arts, March 11, 2010

Present Status and Perspectives of Energy Sector in the Macedonia, Workshop: Strategy for Energy Development in the Macedonia, ZEMAK, Skopje, July 22, 2009

Renewable Energy Sources in the Republic of Macedonia – Present Status and Perspectives, Regional Conference: Financing of Projects for Energy Efficiency and Renewable Energy Sources, MACEF, MANU, AERM, Skopje, October 2009

Strategy for Energy Development in the Republic of Macedonia, 6. Conference of MAKO CIGRE, Ohrid, 4-6 October 2009

Strategy for Energy Development in the Republic of Macedonia, Workshop: Coals in Macedonia and their role in the Strategy for Energy Development in the Republic of Macedonia, Association of Mining and geological Engineers of Macedonia, Bitola, December 10, 2009

Strategy for Energy Development in the Republic of Macedonia, Roundtable, Ministry of Economy, Skopje, June 2009

Strategy for Energy Development in the Republic of Macedonia, Roundtable, Committee on Economy of the Assembly of the Republic of Macedonia, Skopje, September 2009

REK Bitola - Environmental Aspects, Roundtable: REK Bitola – Prospects as an Energy pillar of the Republic of Macedonia, Bitola, 9-10 May 2003

Environmental Impact Assessment of TPP Bitola - Surface Mining and Lignite Combustion, WORKSHOP Action Plan for Lignite Supply to TPP Bitola, Phare Project: Investment Options in the Energy Sector in Macedonia, ESM, Skopje, 21.11.2002.

Environmental Impact Assessment of HEP St. Petka, WORKSHOP HEP St. Petka, Phare Project: Investment Options in the Energy Sector in Macedonia, ESM Skopje, 21.11.2002.

Air Pollution Modeling, Shandong Energy Research Institute of Shandong Academy of Sciences, P.R. China, March 1998.

Air Pollution Modeling for Regulatory Purposes, Department for Thermal Engineering, Shandong University of Technology, P.R. China, April 1998.

Air Pollution Modeling, Department for Mathematics and Physics, Shandong University of Technology, P.R. China, April 1998.

Influence of Boundary Conditions on Moisture Diffusivity Estimation by Temperature Response, Department of Mechanical and Aerospace Engineering, University of Texas - Arlington, USA, August 2000.

Experimental and Numerical Study of Drying, Department of Mechanical Engineering, Federal University of Rio de Janeiro, Brazil, June 2002.

PRINCIPAL INVESTIGATOR ON THE SCIENTIFIC PROJECTS

“Development of Methods for Strategic Planning in Energy Sector”

Supported by Macedonian Academy of Sciences and Arts; 01/01/2009 – 31/12/2016

“The combustion plants air quality impact”

Supported by Macedonian Academy of Sciences and Arts; 01/01/2003 – 31/12/2005

“Application of inverse approaches to examination of the simultaneous heat and mass transport processes”

Supported by Macedonian Academy of Sciences and Arts; 01/01/2001 – 31/12/2003

“Air Pollution Modeling for Regulatory Purposes”

With:

Dr. Helge R. Olesen, National Environmental Research Institute, NERI, Denmark, and

Dr. David Carruthers, Cambridge Environmental Research Institute, CERC, U.K.

Supported by UNESCO; during 01/01/98-31/12/99

“Thermal Electricity and the Environment”

Supported by UNESCO; during 01/01/96-31/12/97

“Radiative Vacuum Drying of Mushrooms”

Supported by Ministry of Science of the Republic of Macedonia; during 01/01/96-31/12/98

“Flow and Heat Transfer in Fluidized Beds with Different Size Particles”

Supported by Ministry of Science of the Republic of Macedonia; during 01/01/90-31/12/92