

# **CURRICULUM VITAE**

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## **Personal information**

Family name: **Komatina**

First name: **Snežana**

Date of birth: 16th January, 1960

Nationality: Serbian

## **Education and training**

- B.Sc (Applied Geophysics) - *Faculty of Mining and Geology, University of Belgrade*
- M.Sc (Physics of the Earth's Interior) - *Faculty of Mathematics and Science, University of Zagreb*
- Ph.D (Environmental Sciences / Environmental Hydrogeophysics) - *TEMPUS Center, International Center for Environmental Protection, University of Novi Sad*
- Scientific interpreter (English language) - *Institute for simultaneous scientific interpreters of Serbia, Belgrade*
- Manager of European Trade Business - *International Institute for Managers of European Trade Business, Belgrade*

## **Languages**

*Mother tongue:* Serbian

*Other languages:*

- *English* – consecutive and simultaneous scientific interpreter

## **Computer skills and competences**

Excellent computer skills (*Word, PowerPoint, Photoshop, Excel*).

## 1. Work experience

**1983-2008:** Consulting Geophysicist - *Geophysical Institute, NIS-Naftagas, Belgrade*

**2006:** Environmental Specialist of PIU DREPR (Danube River Enterprise Pollution Reduction Project, financed by GEF-WB, SIDA, EAR and Government of Serbia) - *Ministry of Agriculture, Forestry and Water Management of Serbia*

**2007 - 2013:** Professor of Environmental Geosciences – B.Sc., M.Sc. and Ph.D. studies - *Faculty of Ecology and Environmental Sciences, Union-Nikola Tesla University, Belgrade*

**2008 - 2011:** Vice-Dean (Teaching), *Faculty of Ecology and Environmental Sciences, Union-Nikola Tesla University, Belgrade*

**2010–:** Visiting Professor at the *Department of Natural and Technological Hazards & Ecology at the Institute of Earthquake Engineering and Engineering Seismology (IZIIS), Skopje (FYR Macedonia)*

**2011–now:** External examiner of PhD theses at the *Department of Exploration Geophysics, Western Australian School of Mines, Curtin University, Perth (Australia)*.

**2011–now:** EC expert (Energy & Environment) – evaluation of *FP7 projects and Marie Skłodowska-Curie actions research fellowships*.

**2013 - 2015:** Dean and Full-time professor (*Geosciences & Environmental Sciences*) at the *Technical Faculty, European University, Brcko, Brcko District (Bosnia & Herzegovina)*

**2013:** General Manager of the *Institute for sustainable transport & international law* at the *Technical Faculty, European University, Brcko, BD*

**December 2014–October 2015:** Dean and Full-time Professor at the *Technical Faculty, International University, Goražde (Bosnia & Herzegovina)*

**October 2015–July 2017:** Full-time Professor at the *Faculty of Technical Studies, University of Travnik, Travnik (Bosnia & Herzegovina)*

**April 2015–now:** Full member of *Development Academy of Agriculture of Serbia (RAPS)*, Head of *Department of Ecology and Environmental Protection*.

**October 2018:** Professor at the *Technical Faculty “Mihajlo Pupin“, Department of Industrial Engineering in Oil & Gas Exploitation, University of Novi Sad, Zrenjanin*.

### 1.1 Academic teaching

**2007 - 2013:** Assistant Professor of Environmental Geosciences – B.Sc., M.Sc. and Ph.D. studies - *Faculty of Ecology and Environmental Sciences, Union-Nikola Tesla University, Belgrade*

**2010 - :** Visiting Professor at the *Department of Natural and Technological Hazards & Ecology at the Institute of Earthquake Engineering and Engineering Seismology (IZI-IS)*, Skopje (FYR Macedonia)

**2011 - now:** External examiner of PhD theses at the *Department of Exploration Geophysics, Western Australian School of Mines, Curtin University*, Perth (Australia).

**2011 - now:** EC expert (Energy & Environment) – evaluation of *FP7 projects* and *Marie Skłodowska-Curie actions research fellowships*.

**2013 - 2015:** Full-time professor (*Geosciences & Environmental Sciences*) at the *Technical Faculty, European University, Brcko, Brcko District* (Bosnia & Herzegovina)

**December 2014 – October 2015:** Dean and Full-time Professor (*Geosciences & Environmental Sciences*) at the *Technical Faculty, International University, Gorazde* (Bosnia & Herzegovina)

**October 2015 – July 2017:** Full-time Professor (*Geosciences & Environmental Sciences, Health & Safety*) at the *Faculty of Technical Studies, University of Travnik, Travnik* (Bosnia & Herzegovina)

### **1.1a Participation in the organizational level**

**2008 - 2011:** Vice-Dean (Teaching), *Faculty of Ecology and Environmental Sciences, Union-Nikola Tesla University*, Belgrade

**2013 - 2014:** Dean of the *Technical Faculty, European University, Brcko, Brcko District* (Bosnia & Herzegovina)

**2013:** General Manager of the *Institute for sustainable transport & international law* at the *Technical Faculty, European University, Brcko, BD* (R&D projects)

**December 2014 – October 2015:** Dean of the *Technical Faculty, International University, Gorazde* (Bosnia & Herzegovina)

### **1.1b Additional activities**

- Author of the teaching program for all three levels of studies for establishing *Faculty of Ecology and Environmental Sciences, Union-Nikola Tesla University Belgrade*(2007/2008).
- Coordinating accreditation procedure of the *Faculty of Ecology and Environmental Sciences, Union-Nikola Tesla University Belgrade*(2007/2008).
- Coordinating accreditation procedure of the *Technical Faculty, European University, Brcko, Brcko District* (Bosnia & Herzegovina) (2013).
- Coordinating accreditation procedure of the *Faculty of Technical Studies, University of Travnik, Travnik* (Bosnia & Herzegovina) (2015/2016).

## **1.2. Experience in Peer Review, Evaluation/Validation, Impact Assessment, Monitoring, Quality Assurance or Auditing**

Experience in evaluation and mentoring B.Sc., M.Sc. and Ph.D. theses in Serbia, Bosnia and Herzegovina, FYRM and Australia, peer reviewing of research papers (as member of editorial boards), adviser to the ministries related to evaluation of international projects. Evaluator of EC and national projects related to energy and environmental protection. Adviser and evaluator for Impact Assessment within WB project (DREPR).

### **Ph.D. thesis evaluation:**

- Suzana Bogojević, 2009. *Determining content of transuranium elements in soil/water samples by alfa, gamma and characteristic X-radiation measurements*. Faculty of Physical Chemistry, University of Belgrade.
- Miftar Nika, 2012. *Cleaning and remediation of ash landfill at Kosovo A thermal power plant*. IZIIS, Skopje (FYRM).
- Afrim Berisha, 2012. *Estimation of Green House Gases from Sanitary Landfills and Impact of Municipal Solid Waste Management in Climate Change in Kosovo*. IZIIS, Skopje (FYRM).
- Irena Tanasković, 2012. *Natural radioactivity of ground waters in Serbia*. Faculty of Physical Chemistry, University of Belgrade.
- Putri Sari Wisman, 2012. *Rock Physics Changes due to CO<sub>2</sub> Injection: The CO<sub>2</sub>CRC Otway Project*. Department of Exploration Geophysics, Western Australian School of Mines, Curtin University, Perth (Australia).
- Zijad Jagodić, 2013: *Transport policy in modernization of transport system in BiH*, Technical Faculty of European University BD, Brčko (Brčko distrikt).
- Olivera Doklešić, 2013: *Improvement of the indicators of water supply systems with variable annual consumption*, Technical Faculty of European University BD, Brčko (Brčko distrikt).
- Jamal O. Esttaifan, 2015: *Methods to Analyse and Interpret Shallow Seismic Data: Onshore Central Perth Basin, Western Australia*, Department of Exploration Geophysics, Western Australian School of Mines, Curtin University, Perth (Australia).

### **Peer review – monographs**

- Bilibajkić P., 2005. *New opportunities of Serbian oil-bearing province*. DIT NIS-Naftagas, Novi Sad.

- Kaluđerović D., 2006. *Application of sophisticated mathematical models for simulation of groundwater flow and contaminant transport - Vrbas aquifer*. Andrejević Foundation, Belgrade.
- Stojiljković D., Stanić S., 2007. *Geology of Fruška Gora*. DIT NIS-Naftagas, Novi Sad.
- Vlatković M., 2007. *English-Serbian Seismogeological Dictionary*. DIT NIS-Naftagas, Novi Sad.
- Dragašević T., 2007. *Matter structure and development – base of its origin and dynamics*. NIS-Naftagas, Novi Sad (in Serbian).
- Dragašević T., 2007. *Matter structure and development – base of its origin and dynamics*. Belgrade.
- Kaluđerović D., 2008. *3D mathematical models of groundwater flow and contaminant transport in hydrogeology*. AGM, Belgrade.
- *Program system for Whistler waves acquisition and processing*. Faculty of Electric Engineering, University of Belgrade, 2010.
- Stojiljković D., 2012. *Our 60 years – Geological secondary school in Pancevo*. Department of water management, University of Novi Sad.
- Smiljanić S., 2012. *Geothermal energy – energy of the future*. Andrejević Foundation, Beograd (Serbian/English).
- Tojagić M., 2014. *Expert transport systems*. EU BD, Brčko, 163.
- Ristić T., 2014. *Biogeography with pedology*. Brčko, 235.
- Komatina M., 2016. *Ground Waters of Serbia*. AGES, Beograd, 581.

**Peer review as member of Scientific Committees of the International Conferences.**

- *GEO2012* – 10th Middle East Geosciences Conference and Exhibition, Bahrain (Topics: Geoscience and the Environment, Multi-disciplinary Studies and Near Surface Geophysics).
- *Hyderabad 2012* – SPG 9th Conference & Exposition on Petroleum Geophysics, Hyderabad (India).
- *Istanbul 2012* – International Geophysical Conference and Oil & Gas Exhibition.
- 7th Congress of *Balkan Geophysical Society*, Tirana (Albania), 2013.

**Member of Editorial Board:**

- *DIT Journal* (Society of Engineers and Technicians of NIS-Naftagas);
- *BEM* (*Balkan Energy Magazine*);
- *Geodynamics of Balkan Peninsula – Reports on Geodesy, Warsaw* (2006);
- *Journal of Balkan Geophysical Society*
- *Serbian Science Today*, Foundation Andrejević



- *Environmental Sciences Research*
- *Open Journal of Pure and Applied Geophysics*
- *Contributions to Geo-energy and Geo-resources*
- *Energy Research Breakthroughs*
- *TECHNO SCIENCE* (International Scientific Journal of Technical Science)
- *Rudarsko Geolosko Naftni Zbornik, Zagreb (Croatia).*

### **1.3. Professional activities supporting teaching or mentoring**

- DIT Lecturer for Environmental Geophysics and CCS.
- M.Sc./Ph.D. theses (Serbia/FYRM/Australia).
- Member of Committee for *EnERG Student Award* - EAGE, Amsterdam, 2009.
- Faculty adviser for two AGES/*EAGE/SEG* Student Sections in Serbia.
- *Balkan Challenge Bowl* (Students' GeoQuiz), Belgrade, 2009.
- *Serbian Challenge Bowl*, Belgrade, 2010.
- Member of the *EnERG Student Award Committee* - EAGE, Amsterdam, 2009.
- *European Challenge Bowl*, Belgrade, 2012.

#### **Organized EAGE/SEG sponsored lectures:**

- C. Beasley (WesternGeco, USA): *Lessons Learned from Simultaneous Source Investigations*, 2009.
- Vesnaver (OGS, Trieste, Italy): *Talking and Listening to Reservoirs: Production Monitoring by Active and Passive Seismic*, 2010.
- R. Geoffrois (TOTAL, Paris, France): *What Energy Future after the World Oil Production?* 2010.
- *Geological storage of CO<sub>2</sub>*, Frederic Wertz (BRGM, France) – 2011.
- M. Urosevic (Curtin University, Perth, Australia): *Seismic monitoring of CO<sub>2</sub> injection into a depleted gas reservoir – Otway Basin Project*, 2011.

#### **Students mobility**

Members of AGES Students Section at MSc or PhD studies at the following universities all over the World:

- ✓ University of Houston
- ✓ Curtin University (Perth, Australia)
- ✓ Columbia University
- ✓ Colorado School of Mines
- ✓ McGill University
- ✓ Stanford University
- ✓ Harvard Business School
- ✓ London Business School
- ✓ Technische Universität Wien

- ✓ Massachusetts Institute of Technology
- ✓ Uppsala University
- ✓ Delft University of Technology

## 2. PROJECTS

### 2.1 List of projects

#### **UNESCO Projects**

- *IGCP – 299: Karst Groundwater Management and Protection (1994/1998);*
- *IGCP – 443: Magnesite and Talc – Geological and Environmental Correlations (2000/2004);*
- *IGCP – 448: World correlation of karst ecosystem (2000/2004);*
- *IGCP – 454: Medical Geology (2000/2004);*
- *IGCP-513: Global Study of Karst Aquifers and Water Resources (2005-2008).*
- *IHP – V.1: Groundwater protection against contamination (1998/2002);*
- *IHP - VI: Land Subsidence Caused by Hydrogeological, Engineering Geological and Man-Induced Factors in Balkan Region (Programme: *Land Subsidence*, Project 4.2 *Comprehensive environmental risk and impact assessment* of IHP-V), 2002-2006, National representative.*
- *CERGOP-2: Central European Regional Geodynamic Project (2002-2006) – member of Editorial Board.*

#### **FP7 Projects**

- *CO2GeoNet/EneRG (2010-2013): Pan-European coordination action on CO<sub>2</sub> geological storage.*
- *(GEUS-BGS-TNO) (2011-2013): Assessment of CO<sub>2</sub> storage in Europe.*

#### **SEG Project of Special Merit**

- *Economy, Energy and Environment - The 2nd Regional Conference in Geo- and Environmental sciences, Zlatibor (Serbia), 2011.*
- *Geophysical exploration at the Mediana archaeological locality – the 1<sup>st</sup> International Arheo-geophysical Student Field Camp, 2011.*
- *The 2nd International Student Arheo-geophysical Summer Field Camp, Viminacium, 2012.*

## **Other Projects**

- *DREPR (Danube River Enterprise Pollution Reduction Project), 2006-2009, Environmental Specialist.*
- *EUROPROBE*
- *Evaluation of geothermal resources of Central Serbia (southern from the Sava and Danube rivers) and potential localities – Study, Geophysical Institute (NIS-Naftagas)*
- *Climate Change in SE European Countries.*
- *NATO Science for Peace Project: ESP.EAP.SFPP 983828 (8.2.2010-8.2.2013): Seismic upgrading of bridges in South-East Europe by innovative technologies.*
- *CEI KEP (Know-how Exchange Programme) Workshop. Capacity building and transfer of knowledge for increasing and improving professional skills in the field of secure, clean and efficient energy in Albania, Montenegro and Serbia (2013-2014).*
- *BE-NATUR – BBetter management and implementation of NATURa 2000 sites (2014) – Key Expert 1: Team Leader - Training specialist.*
- *SEG Foundation, Geoscientists Without Borders program, 2014-2016. Assessment of flood damaged infrastructures in Bosnia & Herzegovina and Serbia (humanitarian project).*
- *Climate Change Adaptation Strategy in Serbia and Bosnia and Herzegovina as a Response to Natural and Anthropogenic Hazards (2015), CEI Cooperation Fund.*
- *COST Action CA15103 Uncovering the Mediterranean salt giant (MEDSALT) (2016-2020), MC Member and Coordinator of the WG F Cross cutting – Training and Dissemination.*

### **2.1a. Evaluation of FP7 projects**

- *FP7 ENERGY 2012-1-2STAGE - CPs (collaborative projects) Sizeable pilot tests for CO2 geological storage.*
- *FP7 ENERGY 2012-1 - CSAs (Coordination and Support Actions) Future and Emerging Technologies.*
- *FP7-ENERGY-2012-1 Call Stage two, on the topic *Sizeable Storage Pilots*.*

### **2.1b. Evaluation of projects financed by BULGARIAN NATIONAL SCIENCE FUND (BNSF).**

### 3. LIST OF PAPERS

#### ***Monographs.***

*Geophysics in evaluation of aquifer vulnerability against contamination.* Special Edition (Serbian/English), Andrejević Foundation, Beograd, 2005, 105 p.; ISBN 86-7244-444-2.

*ENVIRONMENTAL GEOPHYSICS – Geophysics and environmental protection.* Monograph. DIT NIS-Naftagas (in Serbian), Novi Sad, 2005, 350 p., COBISIS.SR-ID 201196551.

Komatina-Petrović S., 2011. *ENVIRONMENTAL GEOPHYSICS.* 1-362, Textbook. AGES, Beograd (in Serbian), ISBN 978-86-913953-3-9, COBISS.SR-ID 183479052.

Komatina-Petrović S. et al., 2011. *Mineral waters of Serbia.* Monograph. Institute J. Černi, Beograd, 1-244 (in Serbian), ISBN 978-86-88705-00-4, COBISIS.SR-ID 183188236.

Komatina-Petrović S. et al., 2012. *Potable and table waters of Serbia* (co-author), Monograph. Elit Medica, Beograd, 234 p. (in Serbian).

Žigić H., Komatina-Petrović S., 2013. *Advanced programme languages.* Textbook. EU BD, 1-182 (in Serbian).

Ristić T., Komatina-Petrović S., 2013. *Ecology – Introduction.* Textbook. EU BD, 1-232 (in Serbian).

#### ***Chapters in international monographs.***

Komatina S., Timotijević Z., 2002. *Geophysical exploration of soil stability at open pits – case studies from Yugoslavia.* Instability planning and management (Eds. Mcinnes R.G., Jakeways J.), Ventnor, London, 299-304.

Komatina S., 2004. *Geological factors.* Chapter 2. MEDICAL GEOLOGY. Effects of geological environments on human health (autor: M.Komatina), Elsevier, Amsterdam, 38-233.

Komatina S., 2004. *Anthropogenic factors.* Chapter 4. MEDICAL GEOLOGY. Effects of geological environments on human health (autor: M. Komatina), Elsevier, Amsterdam, 263-298.

Komatina-Petrović S. (ed.), 2006. *Geodynamic investigations in Serbia and Montenegro.* Geodynamics of the Balkan Penninsula; Monograph, Reports on Geodesy, Warsaw University of Technology, No. (5) 80; 42 p.

Komatina-Petrović S., Komatina M., 2006. *Hydrogeoseismological methods and earthquake prediction.* UNESCO-IHP project *Seismo-hydrogeological vulnerability of the environment and society in the Balkan region*, Sofia (Bulgaria).

Stojiljković D., Komatina-Petrović S., 2006. *Effects of Solar activity to hydrogeological phenomena*. UNESCO IHP project *Seismo-hydrogeological vulnerability of the environment and society in the Balkan region*, Sofia (Bulgaria).

Komatina-Petrović S. (editor), 2006. *Geodynamic investigations in Serbia and Montenegro*. Geodynamics of the Balkan Peninsula; Monograph, Reports on Geodesy, Warsaw University of Technology, No. (5) 80; 40 p.

### ***Papers published in international journals.***

Komatina S., 1994. *Geophysical methods application in groundwater natural protection against pollution*. Environmental Geology, Vol.23, No.1, Springer International, p. 53-59.

Komatina S., Timotijević Z., 1999. *Some case studies of geophysical exploration of archaeological sites in Yugoslavia*. Journal of Applied Geophysics 41; 205-213.

Komatina M., Komatina S., 1999. *Hydrogeological factors in the solving of geotechnical problems in an urban environment – A case study for Belgrade, Yugoslavia*. Proceedings of Groundwater in the Urban Environment: Selected City Profiles; Chilton (Ed.), Balkema, Rotterdam, p. 317-322.

Komatina S., 1999. *Conflict in the Balkans Affects the Geosciences*, Eos, Vol. 80, No. 18, 207-210.

Pavlović P., Stojiljković D., Komatina S., 2000. *Accumulations of karst-fractured aquifers in carboniferous limestones of western Serbia*. VESNIK–BULLETIN, Vol. 50, Geozavod, Beograd, 2000, 265-285.

Timotijević Z., Komatina S., Đurđević D., 2000. *Possibilities of Archaeogeophysics and hitherto Application at Archaeological Sites in Yugoslavia*. Journal of the Serbian Archaeological Society, 15-16, 1999-2000, 405-419.

Pavlović P., Komatina S., Stojiljković D., 2001. *Origin of carbon- acid water outflow at the southern slopes of Juhor metamorphite massif*, Vesnik - Bulletin, geologie, hydrogeologie et geologie de ingenieur, Vol. 51, Geozavod, Beograd, pp. 137-146.

Komatina M., Komatina-Petrović S., 2003. *Some approaches to groundwater flow regulation in karst terrains*. RMZ-Materials and Geoenvironment, Vol. 50, No. 1, pp. 169-172.

Komatina S., 2007. *Energy, global changes and sustainable development*. European Geologist, Journal of European Federation of Geologists, No.23, June; Brussels.

Tanasković I., Golobočanin D., Komatina-Petrović S., Miljević N., 2009. *Natural radioactivity in Serbian spa waters*, JEPE, 12 (1): 286-294.

Radović V., Komatina-Petrović S., 2011. *From failure to success: Serbian approach in mitigation of global climate change and extreme weather conditions*. Journal of Environmental Protection and Ecology (JEPE).

Trifunović N., Komatina Petrović S., 2011. *Role of enormous Earth magnetic fields (EMF) in etiopathogenesis of cardiovascular diseases (CVD)*. Journal of Balkan Geophysical Society, Vol. 7, Ankara, 23-29.

Komatina-Petrović S., Komatina M., Radović V., Dimiskovska B., 2012. *Hydrogeoseismological methods and earthquake prediction*. Journal Ecological Bulletin of Research Centers of the Black Sea Economic Cooperation (BSEC), No.1, ISSN 1729-5459, 91-97.

Stojiljković D., Šekularac G., Jelić M., Djurić M., Komatina-Petrović S., Trifunović S., 2012. *Arsenic levels in groundwater aquifer of the Neoplanta source area*. African Journal of Biotechnology Vol. 11(104), pp. 16852-16862.

Ugrinov D., Komatina-Petrović S., Stojanov A., 2012. *Possibility of exploitation of landfill and biogas as a renewable energy source in Serbia*. Materials Protection, Vol.53, No.4, Beograd, 379-385.

Trifunovic N., Komatina S., 2012. *Magnetic and variable magnetic fields as the cause of malignant neoplasm origin and development*. European Journal of Integrative Medicine, Volume 4, Supplement 1, September 2012, Pages 9–10.

Bossew P., Žunić Z. S., Stojanovska Z., Tollefsen T., Carpentieri C., Veselinović N., Komatina S., Vaupotič J., Simović R.D., Antignani S., Bochicchio F., 2013. *Geographical distribution of the annual mean radon concentrations in primary schools of Southern Serbia - application of geostatistical methods*. Journal of Environmental Radioactivity, 127 (2014) 141-148, Elsevier.

Komatina S., Urošević M., Suto K., 2014. *Geophysics for natural disasters – Balkan cries for help!*. ASEG Journal, Jun 2014, No. 170, 18-19.

Žunić S.Z, Ujić P., Nadđerđ L.; Yarmoshenko I.V., Radanović S.B., Komatina Petrović S.; Čeliković I., Komatina M., Bossew P., 2014. *High variability of indoor radon concentrations in uraniumiferous bedrock areas in the Balkan region*. Applied Radiation and Isotopes, 94(2014)328–337, Elsevier.

Mujić E., Smailhodžić H., Komatina S., 2016. *Role of vermiculite in energy efficiency related to civil engineering*. TECHNO SCIENCE, Vol.1, Issue 1, 72-77.

Komatina S., Urošević M., Suto K., Burazer M., Komatina M., Ahmad K.H., Smailhodžić H., Bojat N.Č., Aizawa T., Kawamata K., Sugawara J., Petrović U., Rovčanin M., Marković M., Popović J., Aizawa T., Vukić M., Neimarlija J., Radosavljević M., Nedeljkić B., Hidić I., Milutin B., Đukić N., 2016. *Geoscientists Without Borders – Geosciences in Solving Humanitarian problems*. TechnoScience, Vol.2, Travnik, 12-19.

Komatina S., Komatina M., Bojat N.Č., Petrović U., 2016. *Geological Structure and Radon Concentration in the Territory of Serbia*. TechnoScience, Vol.2, Travnik, 20-27.

Komatina S., Ibrahimfendić S., Obućina A., Smailhodžić H., 2016. *Theory of Hydrocarbons*, TechnoScience, Vol.2, Travnik, 42-49.

Komatina S., Bojat N.Č., Petrović U., 2016. *Coping with Disasters in Serbia, Balkan, Europe and the World – Geoscientists without Borders Program*. IV Simpozijum sa međunarodnim učešćem *Ekološko-duhovne vrednosti u multietničkom prostoru Srbije, Zapadnog Balkana, Europe i sveta*, N. Pazar, 131-138.

Komatina S., Komatina M., Bojat Č.N., Petrović U., 2016. *Geological structure and radon concentration in the territory of Serbia*. TECHNO SCIENCE, Travnik, 20-27.

Komatina M., Komatina S., 2016. *Geomedical Exploration and Development of Preventive Medicine*. Serbian Science Today, Vol. 1, No. 1, 103-110.

Suto K., Urosevic M., Komatina S., 2016. *An MASW Survey for Landslide Risk Assessment: A Case Study in Valjevo, Serbia*, Chang Mai J.Sci.

Bojat Č.N., Komatina S., 2017. *Urban biodiversity and the city – 1. environmental degradation in the City of Pančevo (Serbia)*, TECHNO SCIENCE, Vol.3, Travnik, 44-50.

Bojat Č.N., Komatina S., 2017. *Urban biodiversity and the city – 2. the importance of conserving urban biodiversity in the City of Pančevo (Serbia)*. TECHNO SCIENCE, Vol.3, Travnik, 51-58.

Komatina M., Komatina S., Bojat Č.N., 2017. *Hydrogeological features of the west Serbian Dinaric Karst*. TECHNO SCIENCE, Vol.3, Travnik, 59-66.

### ***Papers published in national journals (in Serbian).***

Komatina S., 1994. *Seizmička aktivnost na teritoriji bivše Jugoslavije u svetlu tektonike ploča*. Zbornik RGF, Vol. 32/33, 337-344.

Komatina S., 1995. *Primena geofizičkih metoda u istraživanjima geotermalne energije*. Glava VII u: Hidrogeološka istraživanja (autor: M. Komatina), Vol.1.

Komatina S., 1995. *Primena geofizike u zaštiti podzemnih voda od zagađivanja*. Ecologica, Vol.7, 18-20.

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Stanić S., Komatina S., 1997. *Structure of the deeper parts of the Earth's crust in the territory of Yugoslavia on the basis of DSS*. EGS, 12<sup>th</sup> General Assembly, Wiena (Austria), Annales Geophysicae supplement I, C69.

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Komatina S., 1998. *Hydrogeophysical exploration of aquifer vulnerability to pollution – a case study*. Proc. of the 28<sup>th</sup> Conf. of IAH; Las Vegas (USA); 373-378.

Komatina M., Komatina S., 1999. *Mineral and thermal waters of Yugoslavia*. 21<sup>th</sup> International congress of the IAH (Bratislava, 1999), Bratislava.

Stojiljković D., Pavlović P., Komatina S., 1999. *Functioning of partially penetrating wells of high diameter in alluvial gravels*. Pros. La pianura conoscenza e salvaguardia, atti del convegno, pp 302- 304, novembar 1999, Ferrara, Italia.

Komatina S., Timotijević Z., Stanić S., 1999. *Archaeogeophysical exploration at Prevlaka island (Montenegro, Yugoslavia)*. Proceedings of the 5<sup>th</sup> EEGS Meeting; Budapest (Hungary); str. Ar4-5.

Komatina S., Komatina M., 2000. *Landslides exploration and monitoring by geophysical methods*. CALAR Conference on landslides, rock falls and debris flows *Living with natural hazards*, Vienna (Austria).

Komatina S., Timotijević Z., 2000. *Role of geophysical methods in flood management in Yugoslavia*. International Conference: *New trends in water and environmental engineering for safety and life: eco-compatible solutions for aquatic environments*, Capri (Italy), 1-8.

Komatina S., 2000. *Hydrogeophysical exploration in some Quaternary deposits of Yugoslavia*. 31. IGC, Rio de Janeiro (Brazil)

Komatina S., 2000. *Application of geophysics at archaeological sites of Yugoslavia*. 31. IGC, Rio de Janeiro (Brazil).

Komatina S., 2000. *Place and role of geological-medical factor within modern urbanization*. 31. IGC, Rio de Janeiro (Brazil).

Komatina S., Timotijević Z., 2001. *Hydrogeophysical exploration – case studies from Yugoslavia*. Proc. of the 7<sup>th</sup> Meeting of EEGS; Birmingham (UK), 234-235.

Komatina M., Komatina S., 2002. *Trace elements in water – medical role and geochemical risks*. Proceedings of XXXI IAH & VI ALHSUD Congress "Groundwater and Human Development", Mar del Plata (Argentina).

Stojiljković D., Komatina S., 2002. *Exploitation of salt artesian aquifers*. XXXII IAH & VI ALHSUD Congress "Groundwater and Human Development", Mar del Plata (Argentina).

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- Komatina S., Komatina M., 2004. *Geophysical methods used for exploration and protection of the environment of magnesite deposits*. 32. IGC, Florence (Italy), 139-39.
- Komatina M., Komatina S., 2004. *Karst water resources in Serbia and water management*. 32. IGC, Florence (Italy), 220-13.
- Komatina S., 2004. *Influence of physical fields on living organisms*. 32. IGC, Florence (Italy), 306-31.
- Komatina M., Komatina S., 2004. *Geology in Serbia and problems within legislation*. 32. IGC, Florence (Italy).
- Komatina S., 2005. *ENVIRONMENTAL GEOPHYSICS. Geophysics and Environmental Protection*. Presentation of the monograph in *DIT NIS-Naftagas* (Society of Engineers and Technicians), Novi Sad.
- Komatina-Petrović S., 2006. *Seismo-hydrogeological vulnerability of the environment and society in Serbia*. UNESCO-IHP project, Sofia.
- Komatina-Petrović S., 2009. *Geology of Serbia and Potential Localities for Geological Storage of CO<sub>2</sub>*. 5<sup>th</sup> Congress of Balkan Geophysical Society, Beograd, 6559-6563.
- Komatina M., Komatina-Petrović S., 2009. *Geodynamics of Serbia*. 5<sup>th</sup> Congress of Balkan Geophysical Society, Beograd, 6564-6569.
- Komatina S., 2010. *Environmental Geophysics. Distinguished Lecturer, Series of lectures*, IZIIS, Skopje (FYRM).
- Komatina S., 2010. *Geological Storage of CO<sub>2</sub>. AGES CCS School*. Faculty of Ecology and Environmental Sciences, Belgrade.
- Komatina-Petrović S., Komatina M., Smiljanić S., Petrović U., 2012. *Natural analogues in Serbia*. The 3<sup>rd</sup> International Professional Conference – *Geosciences and Environment*, Belgrade, Serbia, ISBN 978-86-913953-6-0 COBISS,SR-ID 191119628, 88-91.

Komatina-Petrović S., 2012. *Climate Geoengineering – How we can change and control climate? Lectures Natural Catastrophes: What can we expect in 2012?*, Library of the City of Belgrade, Belgrade.

Komatina Petrović S., Smiljanić S., Petrović U., 2013. *Geological storage of CO<sub>2</sub> as a solution for CC mitigation in energy*. Conference with international participation *Environmental protection between science and practice – state and perspectives*, Banja Luka, 376-386.

Komatina Petrović S., Žigić H., 2013. *Satellite observation of the Earth – A tool for climate changes mitigation and urban pollution management*. 3rd International conference *Ecology of Urban Areas 2013*, Zrenjanin, 459-467.

Stojiljković D., Komatina Petrović S., Dimiskovska B., Stetić J., Ninić-Todorović J., 2013. *Arrangement of surface excavations of non-metal mineral raw material*. 5th Balkan Mining Congress, Ohrid, 706-710.

Komatina S., Žigić H., Bešić Z., Bijelović S., 2014. *Corruption in higher education in BiH and the region*. The 2nd International Conference *Law and challenges of the 21st Century*, EU BD, Brčko, 284-298.

Komatina M., Komatina S., 2014. *Medical Geology and its significance for preservation Medicine development*. The 4th International Congress *Biomedicine and Geosciences – Effects of the environment on human health*. Beograd, 8-15.

Nešić M.D., Živojinović D., Janjić M., Komatina S., 2014. *Balneaoclimatological potentials of Serbia – Medical significance and use*. The 4th International Congress *Biomedicine and Geosciences – Effects of the environment on human health*. Beograd, 15-24.

Komatina S., Žigić H., 2014. *Geoengineering and CC*. The 4th International Congress *Biomedicine and Geosciences – Effects of the environment on human health*. Beograd, 91-101.

Bojat N.Č., Vukanić V., Stevović S., Jurišić B., Ružičić L., Komatina S., Galonja Coghill T., 2015. *Environmental degradation and biodiversity conservation in Pančevo (Serbia)*. The 5th International Congress *Biomedicine and Geosciences – Effects of the environment on human health*. Beograd, 251-276.

*Komatina S., Suto K., Urošević M., 2015. SEG Geoscientists without Borders Project - Assessment of Flood Damaged Infrastructures in Bosnia & Herzegovina and Serbia, AGES/CEI/SEG Workshop: Climate Change Adaptation Strategy in Serbia and Bosnia and Herzegovina as a response to Natural and Anthropogenic Hazards, Belgrade.*

Komatina S., Suto K., Urošević M., 2015. *Assessment of Flood Damaged Infrastructures in Bosnia & Herzegovina and Serbia: An SEG Geoscientists without Borders Project*, SEG 85th Annual Meeting, New Orleans.

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Komatina S., Bojat N.Č., Petrović U., 2016. *Coping with Disasters in Serbia, Balkan, Europe and the World – Geoscientists without Borders Program*. IV Simpozijum sa međunarodnim učešćem *Ekološko-duhovne vrednosti u multietničkom prostoru Srbije, Zapadnog Balkana, Evrope i sveta*, N. Pazar, 131-138.

Komatina S., Komatina M., Bojat N.Č., Petrović U., 2016. *Geological Structure and Radon Concentration in the Territory of Serbia*. 5th Int.Congress GeTID&teh 2016, Travnik, 20-27.

Komatina S., Suto K., Urosevic M., 2016. *Assessment of flood damaged infrastructures in BiH and Serbia: SEG Geoscientists without Borders Project*. The First International Workshop *Towards the adaptation to climate change in Serbia and B&H as a response to natural and anthropogenic hazards*. Faculty of Technical Studies, University of Travnik, Travnik, 43-45.

Komatina M., Komatina S., Petrovic U., 2016. *Influence of groundwater on terrain instability*. The First International Workshop *Towards the adaptation to climate change in Serbia and B&H as a response to natural and anthropogenic hazards*. Faculty of Technical Studies, University of Travnik, Travnik 11-16.

Rovčanin M., Komatina S., Bojat Č.N., 2017. *Role od the non-profit sectoe in SE Europe in performing cross-border cooperation in protection against natural and ecological disasters*, Peti međunarodni naučni skup: Rad i stvaralaštvo u XXI vijeku, Brčko, 362-368.

Markovic M., Urosevic M., Snezana Komatina S., Suto K., Arsenovic S., 2017. *Application of geophysical techniques for investigation of landslide in Lopare, Bosnia & Herzegovina*, The 1st AGES/SEG/EAGE Congress & Technical Exhibition GEOSCIENCES APPLIED TO SOLVE HUMANITARIAN PROBLEMS ALL OVER THE WORLD, Belgrade, 47-51.

### **3.2. Invited lectures**

Komatina S., 2007. *Geological structure of the territory of Serbia and potential localities for geological storage of CO<sub>2</sub>*. CCS – Response to Climate Change, Regional Workshop for CE and EE countries, Zagreb (Croatia).

Komatina S., 2010. *Energy – Global Changes and Sustainable Development*, International Fair *Environment, Energy Efficiency and Renewables - SEEE* Niš (Serbia).

Komatina S., 2010. *Balkan Geophysical Society: A Link for Geophysical Societies from Eastern Europe and the Near East*. SEG Global Theater: FSU/Europe: Unite in Denver SEG 80th Annual Meeting & Technical Exhibition, Denver (USA).

Komatina-Petrović S., Ignjatović M., Polavder S., 2010. *Energy, CC and Sustainable Development*. I National Conference Environment Protection in Energy, Mining and Industry, Divčibare, 8-12 (in Serbian).

Komatina-Petrović S., 2011. *Determination of soil parameters for foundations of bridges using geophysical methods*. Workshop NATO Science for Peace Project: ESP.EAP.SFPP 983828, Tuzla (BiH).

Komatina-Petrović S., 2011. *Exploring the Balkans: Geophysical Insights*. 21<sup>st</sup> World Upstream, Geneva (Switzerland).

Komatina-Petrović S., Smiljanić S., 2011. *Geological storage of CO<sub>2</sub> and potential localities in Serbia*. 2<sup>nd</sup> Regional Conference Energy, Economy & Environment (Zlatibor), AGES, Belgrade, 38-41.

Komatina M., Komatina-Petrović S., Smiljanić S., 2011. *Geological environment of Serbia and public health*. 2<sup>nd</sup> Regional Conference Energy, Economy & Environment (Zlatibor), AGES, Belgrade, 42-46.

Komatina-Petrović S., 2011. *Hydrogeoseismological methods and earthquake prediction*. International Conference Seismic Safety of the Countries of the Black Sea Region, Rostov-on-Don (Russia).

Komatina M., Komatina-Petrović S., 2011. *Effects of geological and geophysical factors on the health in the area of Smederevska Palanka*. International Conference Geological, Geophysical and Energy Approach to Health and Disease, Smederevska Palanka (Serbia).

Komatina-Petrović S., 2011. *Environmental Geophysics*. International Conference Geological, Geophysical and Energy Approach to Health and Disease, Smederevska Palanka (Serbia).

Komatina-Petrović S., Smiljanić S., 2011. *Review of natural analogues in Serbia*. 2<sup>nd</sup> CGS Europe Knowledge Sharing Workshop: Natural Analogues, Maria Laach (Germany), 17-24.

Komatina M., Komatina-Petrović S., Nešić D., 2012. *Medical Geology - subject and goals*. The 3rd International Professional Conference – Geosciences and Environment, Belgrade.

Radović V., Komatina-Petrović S., Ćurčić Lj., 2012. *Importance of risk communication among the oil industry and local communities*. The 3rd International Professional Conference – Geosciences and Environment, Belgrade.

Komatina-Petrović S., Komatina M., Smiljanić S., Petrović U., 2012. *Natural analogues in Serbia*. The 3rd International Professional Conference – Geosciences and Environment, Belgrade.

Žigić H., Komatina-Petrović S., Muharem Kozić, 2013. *Role of ICT in the river transport*. International Conference *Brčko district – a place for linking science and policy related to water management*, Brčko (BD), 110-120.

Komatina-Petrović S., 2013. *European University BD as a place for linking science and policy related to water management*. International Conference *Brčko district – a place for linking science and policy related to water management*, Brčko (BD), 160-164.

Komatina M., Komatina S., 2014. *Medical Geology and its significance for preservation Medicine development*. The 4th International Congress *Biomedicine and Geosciences – Effects of the environment on human health*. Beograd, 8-15.

Nešić M.D., Živojinović D., Janjić M., Komatina S., 2014. *Balneaoclimatological potentials of Serbia – Medical significance and use*. The 4th International Congress *Biomedicine and Geosciences – Effects of the environment on human health*. Beograd, 15-24.

Komatina S., Žigić H., 2014. *Geoengineering and CC*. The 4th International Congress *Biomedicine and Geosciences – Effects of the environment on human health*. Beograd, 91-101.

Komatina M., Komatina S., Smiljanić S., Petrović U., 2014. *Groundwater management in Serbia*. The 4th International Congress *Biomedicine and Geosciences – Effects of the environment on human health*. Beograd, 103-113.

Komatina M., Komatina S., Petrović U., 2014. *Role of hydrogeological exploration with special attention directed to Pannonian basin*. The 4th International Congress *Biomedicine and Geosciences – Effects of the environment on human health*. Beograd, 114-126.

Komatina S., Suto K., Urošević M., 2015. *SEG Geoscientists without Borders – Assessment of flood damaged infrastructures in Bosnia & Herzegovina and Serbia*. AGES/CEI/SEG - Workshop *Climate Change Adaptation Strategy in Serbia and Bosnia and Herzegovina as a response to Natural and Anthropogenic Hazards*. Beograd, 367-378.

Komatina S., Suto K., Urošević M., 2015. *Assessment of Flood Damaged Infrastructures in Bosnia & Herzegovina and Serbia: An SEG Geoscientists without Borders Project*. SEG Annual Meeting, New Orleans, 4968-4972.

Komatina M., Komatina S., 2016. *Influence of radon on public health in Serbia*. The 6th International Congress *BIOMEDICINE AND GEOSCIENCES - INFLUENCE OF ENVIRONMENT ON HUMAN HEALTH*, AGES, Belgrade, 34-47.

Komatina S., Bojat N., Petrović U., Vlašković N., Rovčanin M., Marković M., Tančić I., Janjić D., 2016. *Geoscientists without Borders – Geosciences in Solving Humanitarian Problems*. The 6th International Congress *BIOMEDICINE AND GEOSCIENCES - INFLUENCE OF ENVIRONMENT ON HUMAN HEALTH*. AGES, Belgrade, 92-102.

Urošević M., Suto K., Burazer M., Komatina S., Komatina M., Ahmad K.H., Smailhodžić H., Bojat N.Č., Aizawa T., Kawamata K., Sugawara J., Petrović U., Rovčanin M., Marković M., Popović J., Aizawa T., Vukić M., Neimarlija J.,

Radosavljević M., Nedeljković B., Hidić I., Milutin B., Đukić N., 2016. *Geoscientists Without Borders – Geosciences in Solving Humanitarian problems*. 5th Int. Congress GeTID&teh 2016, Travnik, 12-19.

Komatina S., Bojat N.Č., Petrović U., 2016. *Coping with Disasters in Serbia, Balkan, Europe and the World – Geoscientists without Borders Program*. IV Int. Congress, Novi Pazar, 131-138.

Komatina S., Suto K., Urosevic M., 2016. *Assessment of flood damaged infrastructures in BiH and Serbia: SEG Geoscientists without Borders Project*. The First International Workshop *Towards the adaptation to climate change in Serbia and B&H as a response to natural and anthropogenic hazards*. Faculty of Technical Studies, University of Travnik, Travnik, Bosnia and Herzegovina, 43-45.

Komatina M., Komatina S., Petrovic U., 2016. *Influence of groundwater on terrain instability*. The First International Workshop *Towards the adaptation to climate change in Serbia and B&H as a response to natural and anthropogenic hazards*. Faculty of Technical Studies, University of Travnik, Travnik, Bosnia and Herzegovina, 11-16.

Komatina S., Komatina M., Žunić Z., 2017. *GEOLOGY OF SOKOBANJA BASIN AND GENESIS OF RADON AND TORON*, The 7th International Congress *BIOMEDICINE AND GEOSCIENCES - INFLUENCE OF ENVIRONMENT ON HUMAN HEALTH*. AGES, Belgrade, 36-42.

Komatina S., Bojat Č.N., Rovčanin M., 2017. *CROSS-BORDER COOPERATION IN THE FIELD OF NATURAL AND ENVIRONMENTAL DISASTERS IN THE STATES OF SE EUROPE*, The 7th International Congress *BIOMEDICINE AND GEOSCIENCES - INFLUENCE OF ENVIRONMENT ON HUMAN HEALTH*. AGES, Belgrade, 59-67.

Komatina S., Bojat Č.N., Rovčanin M., Petrović U., 2017. *COPING WITH DISASTERS IN SERBIA, BALKAN, EUROPE AND THE WORLD – GEOSCIENTISTS WITHOUT BORDERS PROGRAM*. The 1st AGES/SEG/EAGE Congress & Technical Exhibition *GEOSCIENCES APPLIED TO SOLVE HUMANITARIAN PROBLEMS ALL OVER THE WORLD*, AGES, Beograd, 22-30.

Urosevic M., Komatina S., Burazer M., Suto K., Arsenovic S., Milosevic D., Ziramov S., Coren F., Vujic M., 2017. *GEOPHYSICAL CHARACTERIZATION OF LANDSLIDES IN SERBIA AND BOSNIA AND HERCEGOVINA*. The 1st AGES/SEG/EAGE Congress & Technical Exhibition *GEOSCIENCES APPLIED TO SOLVE HUMANITARIAN PROBLEMS ALL OVER THE WORLD*, AGES, Beograd, 31-37.



## 4. INTERNATIONAL R&D COOPERATION

As the President of AGES (*Association of Geophysicists and Environmentalists of Serbia*), she signed:

- 2009 - *Letter of Interest with UNESCO-Venice for cooperation related to CCS in Balkan.*
- As President of BGS, signed a *Letter of Interest with IUGS for cooperation (2009).*
- 2012 - *Agreement on cooperation and Authorization to act and manage activities regarding to geothermal projects in Serbia on behalf of SWR Group with SWR Geopower (Hungary).*
- 2015 - *Agreement for Scientific and Technological Cooperation between AGES and Institute of Geophysics and Engineering Seismology after A. Nazarov of NAS RA (National Academy of Sciences Republic of Armenia).*

### 4.1 Organizing International Conferences and Meetings as AGES President

- 35th IAH Conference *KARST 2005*, 2005 - Belgrade/Kotor (Serbia and Montenegro)
- 5th Congress of *Balkan Geophysical Society*, 2009, Belgrade (BGS/AGES/SEG/EAGE/ENeRG).
- Experts event *Geological Storage of CO<sub>2</sub> – R&D Cooperation in Balkan Region*, 2009, Mećavnik (AGES/UNESCO/BGS/SEG/EAGE/ENeRG).
- The 1st Regional Professionals & Students Conference: *ENVIRONMENTAL PROTECTION IN ENERGY, MINING & INDUSTRY*, 2010. Divčibare Mt.
- The 2nd Regional Professionals & Students Conference: *ENVIRONMENTAL PROTECTION IN ENERGY, MINING & INDUSTRY*, 2011, Zlatibor Mt.
- The 3rd International Professionals Conference *Geosciences and Environment*, 2012, Belgrade (AGES/SEG/EAGE/ENeRG).
- *The 3rd AAPG/SEG/EAGE International Geosciences Student Conference*, 2012, Belgrade.
- The 3<sup>rd</sup> International Scientific and Professional Conference *Corridor 10 – a sustainable way of integrations*. Belgrade, 2012.
- International Congress *Brčko district – place for linking science and policy in domain of water management*, Brčko (BD), 2013.

- The 4th International Congress *Biomedicine and Geosciences – Effects of the environment on human health*. Beograd.
- CEI KEP (*Know-how Exchange Programme*) Workshop. *Capacity building and transfer of knowledge for increasing and improving professional skills in the field of secure, clean and efficient energy in Albania, Montenegro and Serbia*, Beograd.
- The 5th International Congress *Biomedicine and Geosciences – Effects of the environment on human health*. Beograd.
- AGES/CEI/SEG - Workshop *Climate Change Adaptation Strategy in Serbia and Bosnia and Herzegovina as a response to Natural and Anthropogenic Hazards*. Beograd.
- SEG 2015 Europe Honorary Lecturer - Evgeny Landa (University of Tel Aviv, Tel Aviv, Israel) - *Pitfalls and challenges of seismic imaging* (Beograd).
- AGES/SEG GwB Capacity building Workshop, Belgrade Chamber of Commerce, Beograd.
- AGES/EAGE/SEG Summer School & Workshop *Assessment of flood damaged infrastructures in Bosnia & Herzegovina and Serbia*, Bajina Bašta.
- VI International Congress BIOMEDICINE AND GEOSCIENCES - INFLUENCE OF ENVIRONMENT ON HUMAN HEALTH), Belgrade, 2016.
- *SEG Honorary Lecturer Europe* - Michael Kemper (Ikon Science, Teddington, United Kingdom): *Infusing rock physics into seismic inversion*, Belgrade, 2016.
- EAGE Student Webinar: *Integrated geophysical models. Theory, examples and implications on creativity* - Paolo Dell'Aversana (Eni E&P), Belgrade, 2016.
- The 1st International Workshop *Towards the Adaptation to Climate Change in Serbia and Bosnia & Herzegovina as a response to Natural and Anthropogenic Hazards*, Travnik/Vlašić, BiH, 2016.
- AGES/SEG/EAGE Summer School *Mitigation of Natural Disasters – Geophysical Investigation and Beyond*, Kopaonik Mt. (Serbia), 2016.
- VII International Congress BIOMEDICINE AND GEOSCIENCES - INFLUENCE OF ENVIRONMENT ON HUMAN HEALTH), Belgrade, 2017.
- The 1st AGES/SEG/EAGE Congress & Technical Exhibition GEOSCIENCES APPLIED TO SOLVE HUMANITARIAN PROBLEMS ALL OVER THE WORLD, Belgrade, 2017.
- AGES Student Section: The 1st Spring School 3G (Geosciences – Geophysics - Geodesy) AND ENVIRONMENT, Belgrade, 2017 (AGES Students' lectures for high school students).

## **4.2. Association of Geophysicists and Environmentalists of Serbia (AGES)**

**- President and Founder: Dr. Snežana Komatina -**

*Association of Geophysicists and Environmentalists of Serbia (AGES)* was established in 2007 as *Association of Geophysicists of Serbia (AGS)*. There are 168 members, including two *EAGE/SEG/AAPG Student Sections* (Faculty of Ecology and Environmental Sciences, Union - Nikola Tesla University, Belgrade and Faculty of Mining and Geology, University of Belgrade).

*AGES* is a member of the *Balkan Geophysical Society* and Associated Society to *EAGE* and *SEG* (coorganizing of several conferences and lectures).

*AGES* members are active in various committees of these two societies, but also at expert groups of *EC*, *EFG*, *EnERG*, *SPE* and other associations.

### ***International cooperation***

- ✓ *Letter of Interest* in cooperation in R&D between *UNESCO* and *AGES* related to *CCS* in Balkans signed with Director of *UNESCO-BRESCIE* - May 2009.
- ✓ Agreement for Scientific and Technological Cooperation between *AGES* and *Institute of Geophysics and Engineering Seismology after A. Nazarov of NAS RA (National Academy of Sciences Republic of Armenia)* - September 2015.

*AGES* is accredited for R&D projects by:

- ✓ *EC (DG Energy & Environment)* (FP 7, Horizon 2020...)
- ✓ *Ministry of Science and Education of Serbia* as R&D society for national and international projects in *Energy & Environment*.

### ***Activities***

1. Organizing conferences.
2. Participation of *AGES* members in conferences/meetings.
3. Projects (*AGES* as coordinator).
4. Publishing activities.
5. *AGES Foundation*.
- 5a. *AGES Foundation* – Humanitarian work.

Beside organizing international conferences and lectures, and participation in annual meetings of *EAGE*, *SEG*, *EnERG* and other societies, *AGES* members participate(d) in two *EC FP7* and several international projects (*NATO*, *CEI*, *UNESCO*, *COST*, etc.).

Their activity is also related to publishing (monographs, brochures, education material for kids).

AGES was awarded by *EAGE* twice:

- ✓ *EAGE Best Local Chapter 2013 (Tirana, 2013).*
- ✓ *EAGE Best Local Chapter 2016 (Vienna, 2016).*

### **AGES Foundation**

One of the most recent activities is establishing **AGES Foundation** for awards to distinguished AGES members and as a support to students mobility and their participation in international conferences, but also for various contests related to youth education in domain of Geo- and Environmental Sciences.

### **Activities of AGES Foundation**

- ✓ *The Best Students` Paper Award - AGES Award to the authors of the two best students` (oral & poster) papers presented at the annual International Congress *Biomedicine and Geosciences – Effects of the environment on human health**
- ✓ *AGES Student Section Award for 2016 to the most enthusiastic member of students team in AGES GwB project (student Boris Nedeljković, *Surveying Technical School, Belgrade, Serbia*)*
- ✓ *AGES Honorary Members*
- ✓ *AGES Student Section: *Archaeo-geophysical camp* – every year*
- ✓ *AGES Student Section: *Spring School 3G (Geosciences – Geophysics - Geodesy) AND ENVIRONMENT* (AGES Students` lectures for high school students).*

### **AGES Foundation – Humanitarian work.**

**Geoscientists Without Borders** is a new *SEG Foundation* program sponsoring humanitarian applications of geophysics. GwB program was established to connect universities with communities in need through projects using applied geophysics to benefit people and the environment around the world.

AGES coordinated the two years humanitarian project funded by SEG Foundation *Geoscientists Without Borders* program, 2015-2017: *Assessment of flood damaged infrastructures in Bosnia & Herzegovina and Serbia*. Complex geophysical investigations on the landslides in Serbia and Bosnia and Herzegovina caused by floods in May 2014 were investigated by complex application of several geophysical methods. All experts and students worked voluntarily six months in two years.

AGES partner organizations (16 institutions from 9 countries):

- *Terra Australis Geophysics Pty. Ltd.* (Australia)
- *Curtin University* (Australia)
- *Worley Parsons Pty Ltd.* (Brisbane, Australia)
- LANDMARK GRAPHICS – Halliburton Company (Australia)
- *Suncoch Consultants Co.* (Japan)
- OGS (Italy)
- *Uppsala University* (Sweden)
- *Kansas Geological Survey* (US)
- *DECO Geophysical SC* (Russia)
- *RT Clark* (US)
- *DMT* (Germany)
- NIS-Gazprom Neft – Naftagas NTC (Serbia)
- *CTU IPKIN*, Bijeljina, Republic of Srpska (BiH)
- *Faculty of Technical Sciences, University of Travnik*, Travnik, Federation of BiH (BiH)
- *DOO RUDAR*, Tuzla, Federation of BiH (BiH)
- *Surveying Technical School*, Belgrade (Serbia)

Leading experts:

- Snežana Komatina – AGES (Serbia) – Author and Coordinator of the Project
- Koya Suto – *Terra Australis Geophysics Pty. Ltd.* (Australia)
- Milovan Urošević - *Curtin University* (Australia)
- Jun Sugawara - *Worley Parsons Pty Ltd.* (Australia)
- Milenko Burazer - *NIS-Gazprom Neft – Naftagas NTC* (Serbia)

Experts (24 from 8 countries):

- Takao Aizawa - *Suncoch Consultants Co.* (Japan)
- Yuji Okazaki – Independent expert (Japan)
- Kenji Kawamata - *Suncoch Consultants Co.* (Japan)
- Dejan Komatina - *International Sava River Basin Commission* (Croatia)
- Anton Kepić - *Curtin University* (Australia)
- Alireza Malehmir - *Uppsala University* (Sweden)
- Franco Coren – OGS (Italy)
- Francesco Cescutti – OGS (Italy)
- Miomir Komatina - AGES (Serbia)
- Nenad Č. Bojat – *FIMEK* (Serbia)
- Kamran Heinrich Ahmad - *SCHLUMBERGER* (UK)
- Sergey Buryak - *DECO Geophysical SC* (Russia)
- Ivan Grbović - *NIS-Gazprom Neft – Naftagas NTC* (Serbia)
- Zlatko Lukić *NIS-Gazprom Neft – Naftagas NTC* (Serbia)
- Siniša Arsenović – *CTU IPKIN* (Republic of Srpska, BiH)
- Jelena Popović - *Surveying Technical School* (Belgrade, Serbia)
- Miloš Radosavljević- *Surveying Technical School* (Belgrade, Serbia)
- Hrustem Smailhodžić – *University of Travnik* (Federation of BiH, BiH)
- Zijad Jagodić – *European University BD* (Brčko district, BiH)

### Students (30 from 4 countries):

- Japan
- Serbia
- Bosnia & Herzegovina
- Montenegro

As the end of the GwB Project, but also as a new initiative, AGES organized AGES/SEG/EAGE Conference and Technical Exhibition **GEOSCIENCES APPLIED TO SOLVE HUMANITARIAN PROBLEMS ALL OVER THE WORLD** (Hotel Crowne Plaza, Belgrade, 24 - 26 May 2017). Participants: GwB experts and students, high representatives of the ministries and institutions dealing with landslides; deans of appropriate public and state faculties; journalists, TV, Academics, Students, AGES members). The initiative will be continued biannually in partnership with EAGE.

## **5. CONTINUING PROFESSIONAL DEVELOPMENT PROGRAMMES**

### ***Attending formal lectures, courses and conferences.***

#### **1991.**

- 53rd *EAGE* Meeting (European Association of Exploration Geophysicists) – Florence (Italy).

#### **1992.**

- 17th *EGS* (European Geophysical Society) – Edinburgh (UK).
- 29th *IGC* (International Geological Congress) – Kyoto (Japan).

#### **1993.**

- *GEOCONFINE '93* – Montpellier (France).

#### **1994.**

- 7th *IAEG* Congress (International Association of Engineering Geologists) – Lisboa (Portugal).
- International Workshop on Karst Groundwater Management and Protection (*IGCP*) – Guilin (China).

#### **1995.**

- 1st Meeting of *EEGS* (Engineering and Environmental Geophysicists Society) – Turin (Italy).

## **1996.**

- ICEC '96 – *UNESCO* Conference on environmental protection – Rome (Italy).
- 30th *IGC* – Beijing (China).
- 3rd International Conference *Ethics and Environmental Protection* – Bratislava (Slovakia).

## **1997.**

- 27th *IAH* Congress (Int. Assoc. of Hydrogeologists) – Nottingham (UK).

## **1998.**

- 28th *IAH* Congress – Las Vegas (USA).
- *IUGG/SSB* International Training Course on Continental Earthquakes and seismic hazard – Beijing (China).

## **1999.**

- 29th *IAH* Congress – Bratislava (Slovakia).
- 5th Meeting of *EEGS* – Budapest (Hungary).
- International Conference *Knowledge and Protection of Plain Areas* – Ferrara (Italy).

## **2000.**

- *CALAR* Conference on Avalanches, Landslides, Rock falls and debris flows *Living with natural hazards* – Vienna (Austria).
- International Conference: *New trends in water and environmental engineering for safety and life: eco-compatible solutions for aquatic environments* – Capri (Italy).
- 31st International Geological Congress – Rio de Janeiro (Brazil).

## **2002.**

- 77th *SEG* Annual Meeting & International Exposition – Salt Lake City (SAD).
- 8<sup>th</sup> Meeting *EEGS-ESA* Aveiro (Portugal).
- 32nd *IAH* & 6th *ALHSUD* Congress *Groundwater and Human Development* – Mar del Plata (Argentina).
- 3rd Congress of Balkan Geophysical Society and Technical Exhibition - Sofia (Bulgaria).

## **2003.**

- *EFG* Council (European Federation of Geologists) – Ljubljana (Slovenia).

## **2004.**

- 66th *EAGE* Conference and Technical Exhibition – Paris (France).
- 32nd International Geological Congress – Florence (Italy).

- UNESCO project: *Seismo-hydrogeological vulnerability of the environment and society in the Balkan region* (IHP/IC-XV Programme, Theme 4: *Water and Society*) - Sofia (Bulgaria).

## 2005.

- *EU Legislation and initiatives regarding Training and Mobility of professionals in the field of geology* – TAIEX Workshop, Brussels (Belgium).
- 35th IAH Conference *KARST 2005* - Beograd/Kotor (Serbia and Montenegro)

## 2006.

- *ENeRG Steering Committee* – Copenhagen (Denmark).
- 68th *EAGE* Conference and Technical Exhibition - Vienna (Austria).
- *ENeRG Steering Committee* – Vienna (Austria)
- 81st *SEG* Annual Meeting & International Exposition – New Orleans (USA).
- UNESCO-IHP-VI: Land Subsidence Caused by Hydrogeological, Engineering Geological and Man-Induced Factors in Balkan Region (Programme: *Land Subsidence*, Project 4.2 *Comprehensive environmental risk and impact assessment of IHP-V*) – Sofia (Bulgaria).

## 2007.

- *CO2NET EAST* Workshop *Introduction to Carbon Capture and Storage Principles* – Zagreb (Croatia).
- *Environmental protection in industrial areas* – 1st International Conference – KosovskaMitrovica (Serbia).
- *ENERGETIKA 2007* – Int. Energy Conference – Zlatibor (Serbia).
- 69th *EAGE* Annual Conference & Exhibition – London (UK).
- 82nd *SEG* Annual Meeting & International Exposition – San Antonio (USA).

## 2008.

- *ENERGETIKA 2008* – Int. Energy Conference – Zlatibor (Serbia).
- *ENeRG Steering Committee* – Dubrovnik.
- 70th *EAGE* Annual Conference & Exhibition – Rome (Italy).
- 83rd *SEG* Annual Meeting & International Exposition – Las Vegas (USA).
- Workshop *Transboundary aquifer management* – Postojna (Slovenia).

## 2009.

- *ENeRG Steering Committee* – Bratislava (Slovakia).
- 5th Congress of *Balkan Geophysical Society* – Beograd (Serbia).
- 71st *EAGE* Annual Conference & Exhibition – Amsterdam (Netherlands).
- 84th *SEG* Annual Meeting & International Exposition – Las Vegas (USA).

## 2010.

- *Planet Earth Initiative* - National Committees meeting - Vienna (Austria)
- Kick-off meeting of Organizing Committee of the 6th Congress of *Balkan Geophysical Society* - Budapest (Hungary)



- 85th *SEG* Annual Meeting & International Exposition – Denver (USA).

## 2011.

- The 2nd Regional Professionals & Students Conference: *ENVIRONMENTAL PROTECTION IN ENERGY, MINING & INDUSTRY* - March, Zlatibor Mt.
- 73rd *EAGE* Annual Conference & Exhibition – Vienna (Austria)
- 86th *SEG* Annual Meeting & International Exposition – San Antonio (USA)
- 6th Congress of *Balkan Geophysical Society* – Budapest (Hungary).
- 2nd *CGS Europe* Knowledge Sharing Workshop *Natural Analogues in the context of geological CO<sub>2</sub> storage* - Maria Laach (Germany).

## 2012.

- *CO2StoP* Kick-off meeting – Copenhagen (Denmark).
- 7th *Co2GeoNet Open Forum* and 3rd *CGS Europe Knowledge-sharing workshop* – Venice (Italy), San Servolo Island (Italy).
- The 3rd International Professionals Conference *Geosciences and Environment*, Belgrade (Serbia).
- The 3rd *AAPG/SEG/EAGE International Geosciences Student Conference*, Belgrade (Serbia).
- 74th *EAGE* Annual Conference & Exhibition – Copenhagen (Denmark).
- *CGS Europe* 4th Knowledge Sharing Workshop *Lessons Learnt (and to be learnt) from pilot and demonstration projects* – Madrid (Spain).

## 2013.

- 8th *Co2GeoNet Open Forum* and 3rd *CGS Europe Knowledge-sharing workshop* – Venice (Italy), San Servolo Island (Italy).
- 7<sup>th</sup> Congress of *Balkan Geophysical Society*, Tirana (Albania).
- International Congress *Brčko district – place for linking science and policy in domain of water management*, Brčko (BD).
- Workshop on the *Danube Region Geothermal Concept (DanReGeotherm)*, Budapest (Hungary).

## 2014.

- The 2nd International Congress *Law and challenges of the 21st Century*, EU BD, Brčko.
- The 4th International Congress *Biomedicine and Geosciences – Effects of the environment on human health*. Beograd.
- CEI KEP (*Know-how Exchange Programme*) Workshop. *Capacity building and transfer of knowledge for increasing and improving professional skills in the field of secure, clean and efficient energy in Albania, Montenegro and Serbia*, Beograd.

## 2015.

- CEI WORKSHOP: *The Widening Program under Horizon 2020: Opportunities for Research Institutions in Less Performing Countries and other Instruments*, Trieste (Italy).
- The 5th International Congress *Biomedicine and Geosciences – Effects of the environment on human health*. Beograd.
- AGES/CEI/SEG - Workshop *Climate Change Adaptation Strategy in Serbia and Bosnia and Herzegovina as a response to Natural and Anthropogenic Hazards*. Beograd.
- SEG 2015 Europe Honorary Lecturer - Evgeny Landa (University of Tel Aviv, Tel Aviv, Israel) - *Pitfalls and challenges of seismic imaging* (Beograd).
- AGES/SEG GwB Capacity building Workshop, Belgrade Chamber of Commerce, Beograd.
- AGES/SEG humanitarian project *Geoscientists without Borders*, Part I. Valjevo – Srbija, Brčko – BiH, Čelić – BiH.
- AGES/SEG humanitarian project *Geoscientists without Borders*, Part II. Krupanj – Srbija, Bajina Bašta – Srbija, Lopare – BiH.
- AGES/EAGE/SEG Summer School & Workshop *Assessment of flood damaged infrastructures in Bosnia & Herzegovina and Serbia*, Bajina Bašta.

## 2016.

- Meeting of the Management Committee of the Action CA15103 *Uncovering the Mediterranean salt giant (MEDSALT)* (2016-2020), Brussels.
- VI International Congress BIOMEDICINE AND GEOSCIENCES - INFLUENCE OF ENVIRONMENT ON HUMAN HEALTH), Belgrade.
- *SEG Honorary Lecturer Europe* - Michael Kemper (Ikon Science, Teddington, United Kingdom): *Infusing rock physics into seismic inversion*, Belgrade.
- EAGE Student Webinar: *Integrated geophysical models. Theory, examples and implications on creativity* - Paolo Dell'Aversana (Eni E&P), Belgrade.
- Workshop *Towards the Adaptation to Climate Change in Serbia and Bosnia & Herzegovina as a response to Natural and Anthropogenic Hazards*, Travnik/Vlašić, BiH.
- IV Simpozijum sa međunarodnim učešćem *Ekološko-duhovne vrednosti u multietničkom prostoru Srbije, Zapadnog Balkana, Evrope i sveta*, Novi Pazar.
- AGES/SEG/EAGE Summer School *Mitigation of Natural Disasters – Geophysical Investigation and Beyond*, Kopaonik Mt. (Serbia).
- 86th SEG Annual Meeting & Technical Exhibition, Dallas (US).
- MEDSALT Symposium (and MC meeting), Palermo (Sicily, Italy).

## 2017.

- VII International Congress BIOMEDICINE AND GEOSCIENCES - INFLUENCE OF ENVIRONMENT ON HUMAN HEALTH), Belgrade.
- The 1st AGES/SEG/EAGE Congress & Technical Exhibition GEOSCIENCES APPLIED TO SOLVE HUMANITARIAN PROBLEMS ALL OVER THE WORLD, Belgrade (Serbia).
- 80th EAGE Conference & Exhibition, Paris (France).
- MEDSALT Symposium (and MC meeting), Toulouse (France).
- 8th Congress of *Balkan Geophysical Society*, Antalia (Turkey).

### **Participation at international conferences with booth:**

2009 – 5th Congress of *Balkan Geophysical Society* – Belgrade.

2009 - 71st *EAGE* Annual Conference & Exhibition – Amsterdam (Netherlands).

2009 – *ECOFAIR* – International Fair of Ecology and Energy - Belgrade.

2009- 84th *SEG* Annual Meeting & International Exposition– Houston (USA).

2010 - 85th *SEG* Annual Meeting & International Exposition – Denver (USA).

2011 – 73rd *EAGE* Annual Conference & Exhibition – Vienna (Austria)

2011 - 86th *SEG* Annual Meeting & International Exposition – San Antonio (USA)

2011 - 73rd *EAGE* Annual Conference & Exhibition – Vienna (Austria).

2012 - The 3rd International Professionals Conference *Geosciences and Environment*, Belgrade.

2012 - The 3rd *AAPG/SEG/EAGE International Geosciences Student Conference*, Belgrade.

2012 - 74th *EAGE* Annual Conference & Exhibition – Copenhagen (Denmark).

2016 - 79th *EAGE* Conference & Exhibition, Vienna (Austria).

2017 - 80th *EAGE* Conference & Exhibition, Paris (France).

### **President of Executive or Scientific Committees:**

- 5<sup>th</sup>, 6<sup>th</sup>, 7<sup>th</sup> and 8<sup>th</sup> Congress of *Balkan Geophysical Society* (Belgrade, 2009, Budapest, 2011, Tirana, 2013, Antalya, 2017).
- *ESME 2009* (Euroscience Mediterranean Event 2009), October 2009, Athens (Greece).
- 1st and 2nd Regional Conference *Environmental Protection related to Energy, Mining and Industry* (Divcibare, 2010 and Zlatibor, 2011).
- *Hyderabad 2012 – SPG 9<sup>th</sup> Conference & Exposition on Petroleum Geophysics*, Hyderabad (India).
- *GEO2012 – 10<sup>th</sup> Middle East Geosciences Conference and Exhibition*, Bahrain.
- 3<sup>rd</sup> International Professionals Conference *Geosciences and the Environment*, Belgrade, 2012.
- *Istanbul 2012 – International Geophysical Conference and Oil & Gas Exhibition*, Istanbul.

- 7<sup>th</sup> Congress of Balkan Geophysical Society, Tirana (Albania).
- International Congress *Brčko district – place for linking science and policy in domain of water management*, Brčko (BD), 2013.
- The 4th International Congress *Biomedicine and Geosciences – Effects of the environment on human health*. Beograd, 2014.
- CEI KEP (*Know-how Exchange Programme*) Workshop. *Capacity building and transfer of knowledge for increasing and improving professional skills in the field of secure, clean and efficient energy in Albania, Montenegro and Serbia*, Beograd, 2014.
- European Federation of Geologists Workshop *European water policy: challenges for Hydrogeologists*. Brussels (Belgium), 2013.
- 14th International Multidisciplinary Scientific GeoConference & EXPO *SGEM 2014*, Albena (Bulgaria), 2014.
- AGES/CEI/SEG Workshop *Climate Change Adaptation Strategy in Serbia and Bosnia and Herzegovina as a response to Natural and Anthropogenic Hazards*, Beograd, 2015.
- V International Congress *BIOMEDICINE AND GEOSCIENCES – EFFECTS OF THE ENVIRONMENT ON HUMAN HEALTH*, Beograd, 2015.
- AGES/CEI/SEG - Workshop *Climate Change Adaptation Strategy in Serbia and Bosnia and Herzegovina as a response to Natural and Anthropogenic Hazards*. Beograd, 2015.
- SEG 2015 Europe Honorary Lecturer - Evgeny Landa (University of Tel Aviv, Tel Aviv, Israel) - *Pitfalls and challenges of seismic imaging* (Beograd), 2015.
- AGES/SEG GwB Capacity building Workshop, Belgrade Chamber of Commerce, Beograd, 2015.
- AGES/EAGE/SEG Summer School & Workshop *Assessment of flood damaged infrastructures in Bosnia & Herzegovina and Serbia*, Bajina Bašta, 2015.
- VI International Congress *BIOMEDICINE AND GEOSCIENCES - INFLUENCE OF ENVIRONMENT ON HUMAN HEALTH*, Belgrade, 2016.
- *SEG Honorary Lecturer Europe* - Michael Kemper (Ikon Science, Teddington, United Kingdom): *Infusing rock physics into seismic inversion*, Belgrade, 2016.

- EAGE Student Webinar: *Integrated geophysical models. Theory, examples and implications on creativity* - Paolo Dell'Aversana (Eni E&P), Belgrade, 2016.
- Workshop *Towards the Adaptation to Climate Change in Serbia and Bosnia & Herzegovina as a response to Natural and Anthropogenic Hazards*, Travnik/Vlašić, BiH, 2016.
- AGES/SEG/EAGE Summer School *Mitigation of Natural Disasters – Geophysical Investigation and Beyond*, Kopaonik Mt. (Serbia).
- VII International Congress BIOMEDICINE AND GEOSCIENCES - INFLUENCE OF ENVIRONMENT ON HUMAN HEALTH), Belgrade.
- The 1st AGES/SEG/EAGE Congress & Technical Exhibition GEOSCIENCES APPLIED TO SOLVE HUMANITARIAN PROBLEMS ALL OVER THE WORLD, Belgrade (Serbia).

## **6. PROMOTION OF ENVIRONMENTAL SCIENCES AND YOUTH EDUCATION**

- Faculty Advisor of AGES *EAGE* and *SEG* Student Sections;
- Participation in radio programs and journals (*EAGE*, *SEG*, *ASEG*, *EnERG*, *EFG*, *Energy Observer*).
- *USGS* Web-site on Hydrogeology – translation into Serbian, 2009.
- Participation of six students in LOC of the 5th Congress of *Balkan Geophysical Society* (Belgrade, 2009) and Experts' event *Energy, Economy & Environment*, Mečavnik, 2009.
- Organizing the *1st Balkan Challenge Bowl (GeoQuiz)* (Belgrade, 2009) – 2nd place for Serbian team;
- Representing the Faculty and Association with 4 students at the booths during *EAGE* Annual Meeting - Amsterdam (2009).
- Representing the Faculty and Association with 2 students at the booths during *SEG* Annual Meeting – Houston (2009).
- *SEG/Chevron Student Leadership Symposium*, lecturer as the Faculty Adviser of Student Section *Society of Geoscientists and Environmental Engineers*, Houston, 2009.
- In 2009, organizing activities as coordinator from Serbia and mentor within *Global Youth Panel* – three days education (for different ages – kindergartens, primary and secondary schools) performed by students of the *Faculty of Ecology and Environmental Sciences*, held at the *ECOFAIR '09* (Belgrade).

After that, her students initiated and organized celebration of the *Day of Climate Action* in Houston, during *SEG Annual Meeting*, as *Think locally, act globally*.

- As *SEG Regional coordinator for Europe*, presented invited lecture dedicated to *Climate change and Energy*, inviting top representatives of petroleum companies throughout the world to be aware of the risk – Houston, 2009.
- Organizing the *1st Serbian Challenge Bowl (GeoQuiz)* (Beograd, 2010) – winning team participated in the World Final at *SEG Annual Meeting* in Denver (2010)
- Participation of five students at the *1st Regional Students Geoconference*, Bucharest (2010).
- Promotion of the monograph *Home waste* – author is the master student from the *Faculty* (2010).
- Translation and publishing of the brochure *What does geological storage CO<sub>2</sub> really mean?* produced by *CO<sub>2</sub>GeoNet*, within the *CGS Europe FP7 CO<sub>2</sub>GeoNet/EneRG* project *Pan-European coordination action on CO<sub>2</sub> geological storage* (2011).
- *MyGeoDay* (exhibition *How to preserve the Planet?*, with posters made by kids from kindergartens, but also pupils of elementary and secondary schools from Serbia – three best contributions at each age level were awarded by AGES), 2012, Belgrade.
- Lectures *Natural Catastrophes: What can we expect in 2012?*, 2012. *Climate Geoengineering – How we can change and control climate?* Library of the City of Belgrade, Belgrade.
- *Petnica Research Center – Distinguished Lecturer:*
  - October 2011 – *Climate Changes and Human Beings*
  - October 2011 – *Geological Storage of CO<sub>2</sub>*
  - October 2011 – *Satellite Observations of the Earth*
  - June 2012 – *Structure of atmosphere and climate changes*
  - June 2012 – *Climate changes, water and biodiversity*
- AGES/EAGE/SEG Summer School & Workshop *Assessment of flood damaged infrastructures in Bosnia & Herzegovina and Serbia*, Bajina Bašta (Srbija), 2015.
- *SEG Honorary Lecturer Europe* - Michael Kemper (Ikon Science, Teddington, United Kingdom): *Infusing rock physics into seismic inversion*, Beograd, 2016.
- EAGE Student Webinar: *Integrated geophysical models. Theory, examples and implications on creativity* - Paolo Dell'Aversana (Eni E&P), Beograd, 2016.
- AGES Student Section: *Archaeo-geophysical camp at Grobljište locality* (Paraćin, Srbija), 2016.

- AGES/SEG/EAGE Summer School *Mitigation of Natural Disasters – Geophysical Investigation and Beyond*, Kopaonik (Srbija), 2016.
- AGES Student Section: The 1st Spring School 3G (Geosciences – Geophysics - Geodesy) AND ENVIRONMENT, Hotel *Crowne Plaza*, Belgrade (AGES Students' lectures for high school students).

## **7. MANAGERIAL OR ORGANIZATIONAL WORK WITH SCIENTIFIC SOCIETY OR PROFESSIONAL BODY**

### ***Membership in associations***

- *AGES (Association of Geophysicists and Environmentalists of Serbia)*
- *BGS (Balkan Geophysical Society)*
- *EAGE (European Association of Geologists and Engineers)*
- *SEG (Society of Exploration Geophysicists)*
- *AAPG (American Association of Petroleum Geologists) (2010 - 2012)*
- *ENeRG National Representative for Serbia (2006-2016).*
- *EFG (European Federation of Geologist) – Expert groups for GTE, Hydrogeology and CCS.*
- *IAH (International Association of Hydrogeologists) (1994-2006)*
- *SPE (Society of Petroleum Engineers)*
- *IUCN (International Union for Conservation of Nature).*

### ***Organizational work with scientific societies***

- *AGES – President of Association of Geophysicists and Environmentalists of Serbia.*
- *BGS – President of Balkan Geophysical Society (2005-2009). As President of BGS, signed a Letter of Interest with IUGS for cooperation (2009).*
- *EAGE – member of Education Committee, president of EAGE Serbia. Ex-member of the Education Committee and Committee on Membership and Cooperation (CMC).*

- *SEG* - member of Global Affairs Committee, Committee on University and Student Programs and Membership Committee, Regional Coordinator for Europe (Global Affairs Committee) (2009-2014), Regional Coordinator for Northern Europe & CIS (2014-2016), Europe Regional Advisory Committee (2016-now), Coordinator of Global Theater at the 85th Annual Conference in Denver, 2010, Coordinator of *EUROPE/FSU* Luncheon Meeting during SEG Annual Meeting (2009-now).
- *SEG/EAGE/AAPG Student Section: Society of Geoscientists and Environmental Engineers* (Faculty of Ecology and Environmental Sciences, Union-Nikola Tesla University, Belgrade) – Faculty Adviser (2008- now).
- *SEG/EAGE/AAPG Student Section at Faculty of Mining and Geology* (University of Belgrade) – Faculty Adviser (2008-now).
- *ENeRG* (European Network for Research in Geo-Energy) – National Representative.
- *EFG* – member of WGs for *Hydrogeology, Geothermal energy and CCS*.
- *IAH* – Secretary/Treasurer of *IAH National Committee of Serbia and Montenegro* (2004-2005); Secretary of *IAH Conference KARST 2005*; member of Committee for Education and Committee for groundwater protection against contamination.
- *SPE* – President of SPE Section of Serbia.
- *IUCN* – member of Expert Group for Wetlands.

### ***Coordinator of Serbian Expert team***

- *Climate Change in SE European Countries* project.
- FP7 projects:
  - *CO2GeoNet/EneRG* (2010-2013): *Pan-European coordination action on CO<sub>2</sub> geological storage.*
  - (*GEUS-BGS-TNO*) (2011-2013): *Assessment of CO<sub>2</sub> storage in Europe.*
- *CEI KEP (Know-how Exchange Programme - Capacity building and transfer of knowledge for increasing and improving professional skills in the field of secure, clean and efficient energy in Albania, Montenegro and Serbia, 2014.*
- *SEG Foundation, Geoscientists Without Borders* program, 2015-2017. *Assessment of flood damaged infrastructures in Bosnia & Herzegovina and Serbia.*



### **Coordinator of BiH (Bosnia and Herzegovina) Expert team**

- Danube Region Strategy (Energy), 2015-2019. *Danube Region Geothermal Concept (DanReGeotherm) project.*
- SEG Foundation, *Geoscientists Without Borders* program, 2014-2016. *Assessment of flood damaged infrastructures in Bosnia & Herzegovina and Serbia.*
- Member of Management Committee in *COST, 2015-2019. Deep-sea Record of Mediterranean Messinian Events (DREAM)*, on behalf of Bosnia and Herzegovina.

### **Member of Expert Groups:**

- Expert in *UNDP Western Balkans Environmental Programme*
- Member of *Joanneum Research* WG on Climate Change Research (coordinator for Serbia)
- National Representative for the Republic of Serbia in the *ENeRG* Steering Committee (European Network for Research in Geo-Energy)
- Member in Expert groups for GTE, CCS and Hydrogeology in *EFG* (European Federation of Geologists)
- Member of Global Affairs Committee in *SEG* (Society of Exploration Geophysicists)
- Member of Education Committee in *EAGE* (European Association of Geologists and Engineers)
- Member of *Laboratory for Applied Geophysics, Seismic Investigations and Non-Destructive Testing of the Structures*, Faculty of Mining, Geology and Civil Engineering, Tuzla (supported by *NATO Science for Peace and Security Programme*)
- Member in Expert Group of *Chamber of Commerce of Serbia.*
- *European Commission – EG Energy & Environment* (evaluation of FP7 projects).
- SEG Foundation, *Geoscientists Without Borders* programm for humanitarian projects.
- Leader of Working Group *F. Cross cutting – Training and Dissemination* in *COST, 2015-2019. Deep-sea Record of Mediterranean Messinian Events (DREAM).*

## **8. PRESIDENT OR MEMBER OF THE ORGANIZING COMMITTEES**

- International Workshop *Computers in Hydrogeology – Visual MODFLOW and GMS software packages* (Lecturers: Garry Moore and Jeff Davis, USA), within *IAH Commission for Computers in Hydrogeology*; Faculty of Civil Engineering, University of Beograd, 1998.

- *EAGE DISC* (Distinguished Instructor Short Course) *Geostatistics for seismic data integration in Earth models* (Lecturer: Dr. Olivier Dubrule, Total, France), NIS-Naftagas, Novi Sad, 2003.
- *IAH Course Education Days in Hydrogeology* (lecturers: Prof. John Moore, Prof. David Hyndman, USA), NIS-Naftagas, Novi Sad, 2004.
- 35th *IAH Conference KARST 2005*, 2005 - Belgrade/Kotor (Serbia and Montenegro)
- 5th Congress of *Balkan Geophysical Society*, 2009, Belgrade (BGS/AGES/SEG/EAGE/ENeRG).
- Experts event *Geological Storage of CO<sub>2</sub> – R&D Cooperation in Balkan Region*, 2009, Mečavnik (AGES/UNESCO/BGS/SEG/EAGE/ENeRG).
- The 1st Regional Professionals & Students Conference: *ENVIRONMENTAL PROTECTION IN ENERGY, MINING & INDUSTRY*, 2010. Divčibare Mt.
- The 2nd Regional Professionals & Students Conference: *ENVIRONMENTAL PROTECTION IN ENERGY, MINING & INDUSTRY*, 2011, Zlatibor Mt.
- Co-Chairperson at International Showcase and Global Theater during the 85th *SEG Annual Meeting & International Exposition – Denver (USA)*, 2011
- The 3rd International Professionals Conference *Geosciences and Environment*, 2012, Belgrade (AGES/SEG/EAGE/ENeRG).
- *The 3rd AAPG/SEG/EAGE International Geosciences Student Conference*, 2012, Belgrade.
- The 3<sup>rd</sup> International Scientific and Professional Conference *Corridor 10 – a sustainable way of integrations*. Belgrade, 2012.
- International Congress *Brčko district – place for linking science and policy in domain of water management*, Brčko (BD), 2013.
- The 4th International Congress *Biomedicine and Geosciences – Effects of the environment on human health*. Beograd.
- CEI KEP (*Know-how Exchange Programme*) Workshop. *Capacity building and transfer of knowledge for increasing and improving professional skills in the field of secure, clean and efficient energy in Albania, Montenegro and Serbia*, Beograd.
- The 5th International Congress *Biomedicine and Geosciences – Effects of the environment on human health*. Beograd.
- AGES/CEI/SEG - Workshop *Climate Change Adaptation Strategy in Serbia and Bosnia and Herzegovina as a response to Natural and Anthropogenic Hazards*. Beograd.

- SEG 2015 Europe Honorary Lecturer - Evgeny Landa (University of Tel Aviv, Tel Aviv, Israel) - *Pitfalls and challenges of seismic imaging* (Beograd).
- AGES/SEG GwB Capacity building Workshop, Belgrade Chamber of Commerce, Beograd.
- AGES/EAGE/SEG Summer School & Workshop *Assessment of flood damaged infrastructures in Bosnia & Herzegovina and Serbia*, Bajina Bašta.
- VI International Congress BIOMEDICINE AND GEOSCIENCES - INFLUENCE OF ENVIRONMENT ON HUMAN HEALTH), Belgrade, 2016.
- *SEG Honorary Lecturer Europe* - Michael Kemper (Ikon Science, Teddington, United Kingdom): *Infusing rock physics into seismic inversion*, Belgrade, 2016.
- EAGE Student Webinar: *Integrated geophysical models. Theory, examples and implications on creativity* - Paolo Dell'Aversana (Eni E&P), Belgrade, 2016.
- The 1st International Workshop *Towards the Adaptation to Climate Change in Serbia and Bosnia & Herzegovina as a response to Natural and Anthropogenic Hazards*, Travnik/Vlašić, BiH, 2016.
- AGES/SEG/EAGE Summer School *Mitigation of Natural Disasters – Geophysical Investigation and Beyond*, Kopaonik Mt. (Serbia), 2016.
- VII International Congress BIOMEDICINE AND GEOSCIENCES - INFLUENCE OF ENVIRONMENT ON HUMAN HEALTH), Belgrade, 2017.
- The 1st AGES/SEG/EAGE Congress & Technical Exhibition GEOSCIENCES APPLIED TO SOLVE HUMANITARIAN PROBLEMS ALL OVER THE WORLD, Belgrade, 2017.
- AGES Student Section: The 1st Spring School 3G (Geosciences – Geophysics - Geodesy) AND ENVIRONMENT, Belgrade, 2017 (AGES Students' lectures for high school students).

### ***President of Executive or Scientific Committees***

- 5<sup>th</sup> Congress of *Balkan Geophysical Society* (Belgrade, 2009).
- 1<sup>st</sup> and 2<sup>nd</sup> Regional Conferences *Environmental Protection related to Energy, Mining and Industry* (Divcibare, 2010 and Zlatibor, 2011).
- Co-Chairperson at International Showcase and Global Theater during the 85<sup>th</sup> SEG Annual Meeting & International Exposition – Denver (USA), 2011.
- President of the National Committee in *Planet Earth Initiative*.
- 3<sup>rd</sup> *International Conference Geosciences and the Environment*, Belgrade, 2012.
- 7<sup>th</sup> Congress of Balkan Geophysical Society, Tirana (Albania), 2013.

- International Congress *Brčko district – place for linking science and policy in domain of water management*, Brčko (BD), 2013.
- European Federation of Geologists Workshop *European water policy: challenges for Hydrogeologists*. Brussels (Belgium), 2013.
- *SEG GAC FSU/Europe Luncheon Meeting*, 2013, Denver (USA).
- The 4th International Congress *Biomedicine and Geosciences – Effects of the environment on human health*. Beograd, 2014.
- CEI KEP (*Know-how Exchange Programme*) Workshop. *Capacity building and transfer of knowledge for increasing and improving professional skills in the field of secure, clean and efficient energy in Albania, Montenegro and Serbia*, Beograd, 2014.
- 14th International Multidisciplinary Scientific GeoConference & EXPO *SGEM 2014*, Albena (Bulgaria), 2014.
- *SEG GAC FSU/Europe Luncheon Meeting*, 2014, Houston (USA).
- AGES/CEI/SEG Workshop *Climate Change Adaptation Strategy in Serbia and Bosnia and Herzegovina as a response to Natural and Anthropogenic Hazards*, Beograd, 2015.
- V International Congress *BIOMEDICINE AND GEOSCIENCES – EFFECTS OF THE ENVIRONMENT ON HUMAN HEALTH*, Beograd, 2015.
- *SEG GAC FSU/Europe Luncheon Meeting*, 2015, New Orleans (USA).
- *SEG GAC FSU/Europe Luncheon Meeting*, 2016, Dallas (USA).

### **Coordinator of the professionals' and students' conferences**

- *SEG Balkan Challenge Bowl* (Students' GeoQuiz), 2009, Belgrade.
- *2009 Fall Distinguished Lecturer*, Craig Beasley – 2009, Belgrade:
  1. *Geoscientists Without Borders: a new SEG Foundation program sponsoring humanitarian applications of geophysics.*
  2. *Lessons Learned from Simultaneous Source Investigations.*
- *Day of Climate Action - International Fair of Energy and Ecology*, 2009, Belgrade.
- *SEG GAC FSU/Europe Luncheon Meeting*, 2009, Houston (USA).
- *SEG 2010 Honorary Lecturer Europe*, Aldo Vesnaver (OGS, Italy), 2010. *Talking and Listening to Reservoirs: Production Monitoring by Active and Passive Seismic*. Belgrade.
- *The 1st SEG Serbian Challenge Bowl* – 2010, Belgrade.

- *EAGE Student Lecture Tour – Europe 2010*: Roland Geoffrois (Total, France): *What Energy Future after the World Oil Production Peak?* 2010, Belgrade.
- *Education in ecology* (one-day lecture for teachers and students of primary and secondary schools, held by AGES student-members) – 2010, Belgrade.
- *4th Regional Geotechnology Students Conference, GEOREKS*, 2010, Vrnjačka banja (Serbia).
- *Environmental Sciences Teaching* (education for professors and pupils in primary and secondary schools), 2010, Zlatibor (Serbia).
- *The European Student Lecture Tour 2010-2011: Geological storage of CO<sub>2</sub>*, Frederic Wertz (BRGM, France) – 2011, Belgrade.
- *Regional Professionals' and Students' Conference Environmental protection in energy, mining & industry*, Divcibare, 2010.
- Global Theater Coordinator (Europe and Balkans): *FSU/Europe: Unite in Denver. SEG 80th Annual Meeting & Technical Exhibition*, Denver (USA).
- *SEG GAC FSU/Europe Luncheon Meeting*, 2010, Denver (USA).
- *SEG GAC FSU/Europe Luncheon Meeting*, 2011, San Antonio (USA).
- *CO<sub>2</sub>GeoNet/CGS Europe Honorary Lecturer for 2012*, Nick Riley – *Underground carbon dioxide storage: opportunities & challenges*, 2012 – Belgrade.
- *Australian SEG Honorary Lecturer for 2012*, Koya Suto – *A hitchhiker's guide to geophysics*, 2012, Belgrade.
- *SEG 2012 Europe Honorary Lecturer*, Ian Jones – *From Imaging to Inversion*. 2012, Belgrade.
- *EAGE 2012 Student Lectures Tour*, István VETŐ – *Shale gas perspectives*. 2012, Belgrade.
- *ENeRG 2012 Honorary Lecturer*, Alla Shogenova – *Mineral carbonation technology value for environment and mitigation of climate change*. 2012, Belgrade.
- *Parallel Geoscience Corp. sponsored two-days course*, Dan Herold – *Practical Seismic Data Processing*. 2012, Belgrade.
- *SEG/ExxonMobil Students Education Program (SEP)* (27 May – 1 June 2012), Belgrade.
- *SEG/AGES European Geo Quiz (Challenge Bowl)*, 2012, Belgrade.
- *One-day field-tripthrough SW Serbia* for students-participants of SEP and the Students Conference, 2012.
- *SEG GAC FSU/Europe Luncheon Meeting*, 2012, Las Vegas (USA).
- *CO<sub>2</sub>GeoNet/CGS Europe Honorary Lecturer for 2012*, Nick Riley – *Underground carbon dioxide storage: opportunities & challenges*, 2012 – Beograd.
- *Australian SEG Honorary Lecturer for 2012*, Koya Suto – *A hitchhiker's guide to geophysics*, 2012, Beograd.
- *SEG 2012 Europe Honorary Lecturer*, Ian Jones – *From Imaging to Inversion*. 2012, Beograd.
- *EAGE 2012 Student Lectures Tour*, István VETŐ – *Shale gas perspectives*. 2012, Beograd.
- *ENeRG 2012 Honorary Lecturer*, Alla Shogenova – *Mineral carbonation technology value for environment and mitigation of climate change*. 2012, Beograd.

- *Parallel Geoscience Corp. sponsored two-days course, Dan Herold – Practical Seismic Data Processing.* 2012, Beograd.
- *SEG/ExxonMobil Students Education Program (SEP) (27 May – 1 June 2012),* Beograd.
- *SEG/AGES European Geo Quiz (Challenge Bowl),* 2012, Beograd.
- *One-day field-trip through SW Serbia for students-participants of SEP and the Students Conference,* 2012.

## **9. EDITOR / MEMBER OF EDITORIAL BOARD**

### **Editor (Monographs, Classbooks)**

- Komatina-Petrović S., 2011. *ENVIRONMENTAL GEOPHYSICS.* 1-362, AGES.
- Žigić H., Komatina-Petrović S., 2013. *Advanced programme languages.* EU BD, 1-182.
- Ristić T., Komatina-Petrović S., 2013. *Ecology – Introduction.* EU BD, 1-232.
- Smiljanić S., 2012. *Geothermal Energy – Energy for the Future – S., Andrejevic Foundation.*
- Stefanov S., 2012. *Development of integral control models and prevention of contamination in oil industry,* AGES.
- Komatina M., 2016/2017. *Ground Waters of Serbia,* AGES (two editions).

### **Editor (Proceedings)**

- 5th Congress of *Balkan Geophysical Society,* 2009, Belgrade (BGS/AGES/SEG/EAGE/ENeRG).
- Experts event *Geological Storage of CO<sub>2</sub> – R&D Cooperation in Balkan Region,* 2009, Međavnik (AGES/UNESCO/BGS/SEG/EAGE/ENeRG).
- The 1st Regional Professionals & Students Conference: *ENVIRONMENTAL PROTECTION IN ENERGY, MINING & INDUSTRY,* 2010. Divčibare Mt.
- The 2nd Regional Professionals & Students Conference: *ENVIRONMENTAL PROTECTION IN ENERGY, MINING & INDUSTRY,* 2011, Zlatibor Mt.
- 6<sup>th</sup> Congress of *Balkan Geophysical Society* (Budapest, 2011).
- The 3rd International Professionals Conference *Geosciences and Environment,* 2012, Belgrade (AGES/SEG/EAGE/ENeRG).
- *The 3rd AAPG/SEG/EAGE International Geosciences Student Conference,* 2012, Belgrade.

- The 3<sup>rd</sup> International Scientific and Professional Conference *Corridor 10 – a sustainable way of integrations*. Belgrade, 2012.
- International Congress *Brčko district – place for linking science and policy in domain of water management*, Brčko (BD), 2013.
- The 4th International Congress *Biomedicine and Geosciences – Effects of the environment on human health*. Beograd, 2013.
- CEI KEP (*Know-how Exchange Programme*) Workshop. *Capacity building and transfer of knowledge for increasing and improving professional skills in the field of secure, clean and efficient energy in Albania, Montenegro and Serbia*, Beograd.
- The 5th International Congress *Biomedicine and Geosciences – Effects of the environment on human health*. Beograd.
- AGES/CEI/SEG - Workshop *Climate Change Adaptation Strategy in Serbia and Bosnia and Herzegovina as a response to Natural and Anthropogenic Hazards*. Beograd.
- AGES/SEG GwB Capacity building Workshop, Belgrade Chamber of Commerce, Beograd.
- AGES/EAGE/SEG Summer School & Workshop *Assessment of flood damaged infrastructures in Bosnia & Herzegovina and Serbia*, Bajina Bašta.
- VI International Congress BIOMEDICINE AND GEOSCIENCES - INFLUENCE OF ENVIRONMENT ON HUMAN HEALTH), Belgrade, 2016.
- The 1st International Workshop *Towards the Adaptation to Climate Change in Serbia and Bosnia & Herzegovina as a response to Natural and Anthropogenic Hazards*, Travnik/Vlašić, BiH, 2016.
- AGES/SEG/EAGE Summer School *Mitigation of Natural Disasters – Geophysical Investigation and Beyond*, Kopaonik Mt. (Serbia), 2016.
- VII International Congress BIOMEDICINE AND GEOSCIENCES - INFLUENCE OF ENVIRONMENT ON HUMAN HEALTH), Belgrade, 2017.
- The 1st AGES/SEG/EAGE Congress & Technical Exhibition GEOSCIENCES APPLIED TO SOLVE HUMANITARIAN PROBLEMS ALL OVER THE WORLD, Belgrade, 2017.
- AGES Student Section: The 1st Spring School 3G (Geosciences – Geophysics - Geodesy) AND ENVIRONMENT, Belgrade, 2017 (AGES Students' lectures for high school students).

### **Member of Editorial Board (Proceedings)**

- *KARST 2005 – IAH International Conference and Field Seminars*, Belgrade & Kotor, 2005.
- 69th *EAGE Annual Conference & Exhibition – 2007*, London (UK).
- *ESME 2009* - Athens (Greece).
- 6th regional conference *Environment towards Europe – EnE10*, 2010, Belgrade (Serbia).
- 2nd Conferences *CORRIDOR 10 – Sustainable Way of Integration*, Belgrade, 2011.
- International Conference *Seismic Safety of the Countries of the Black Sea Region*. Rostov-on-Don (Russia), 2011.
- The 3<sup>rd</sup> International Scientific and Professional Conference *Corridor 10 – a sustainable way of integrations*. Beograd, 2012.
- *Hyderabad 2012 – SPG 9<sup>th</sup> Conference & Exposition on Petroleum Geophysics*, 2012, Hyderabad (India).
- *GEO 2012 – 10<sup>th</sup> Middle East Geosciences Conference and Exhibition*, Bahrain.
- *Istanbul 2012 – International Geophysical Conference and Oil & Gas Exhibition*.
- 7<sup>th</sup> Congress of *Balkan Geophysical Society* (Tirana, 2013).

### **Member of Editorial Board (Monographs, Journals)**

- Komatina-Petrović S. (ed.), 2006. *Geodynamic investigations in Serbia and Montenegro*. Geodynamics of the Balkan Peninsula; Monograph, Reports on Geodesy, Warsaw University of Technology, No. (5) 80
- *DIT Journal* (Society of Engineers and Technicians), Novi Sad (2001-2008)
- *BEM (Balkan Energy Magazine)*
- *TECHNO SCIENCE*, Travnik, BiH (2015-now)
- Serbian Science Today, Foundation Andrejevic (2015-now)



## 10. PUBLISHER

### Books of Papers:

- 5th Congress of *Balkan Geophysical Society*, 2009, Belgrade (BGS/AGES/SEG/EAGE/ENeRG).
- Experts event *Geological Storage of CO<sub>2</sub> – R&D Cooperation in Balkan Region*, 2009, Međavnik (AGES/UNESCO/BGS/SEG/EAGE/ENeRG).
- The 1st Regional Professionals & Students Conference: *ENVIRONMENTAL PROTECTION IN ENERGY, MINING & INDUSTRY*, 2010. Divčibare Mt.
- The 2nd Regional Professionals & Students Conference: *ENVIRONMENTAL PROTECTION IN ENERGY, MINING & INDUSTRY*, 2011, Zlatibor Mt.
- The 3rd International Professionals Conference *Geosciences and Environment*, 2012, Belgrade (AGES/SEG/EAGE/ENeRG).
- *The 3rd AAPG/SEG/EAGE International Geosciences Student Conference*, 2012, Belgrade.
- International Congress *Brčko district – place for linking science and policy in domain of water management*, Brčko (BD), 2013.
- The 4th International Congress *Biomedicine and Geosciences – Effects of the environment on human health*. Beograd, 2013.
- CEI KEP (*Know-how Exchange Programme*) Workshop. *Capacity building and transfer of knowledge for increasing and improving professional skills in the field of secure, clean and efficient energy in Albania, Montenegro and Serbia*, Beograd.
- The 5th International Congress *Biomedicine and Geosciences – Effects of the environment on human health*. Beograd.
- AGES/CEI/SEG - Workshop *Climate Change Adaptation Strategy in Serbia and Bosnia and Herzegovina as a response to Natural and Anthropogenic Hazards*. Beograd.
- VI International Congress BIOMEDICINE AND GEOSCIENCES - INFLUENCE OF ENVIRONMENT ON HUMAN HEALTH), Belgrade, 2016.
- The 1st International Workshop *Towards the Adaptation to Climate Change in Serbia and Bosnia & Herzegovina as a response to Natural and Anthropogenic Hazards*, Travnik/Vlašić, BiH, 2016.
- AGES/SEG/EAGE Summer School *Mitigation of Natural Disasters – Geophysical Investigation and Beyond*, Kopaonik Mt. (Serbia), 2016.
- VII International Congress BIOMEDICINE AND GEOSCIENCES - INFLUENCE OF ENVIRONMENT ON HUMAN HEALTH), Belgrade, 2017.

- The 1st AGES/SEG/EAGE Congress & Technical Exhibition GEOSCIENCES APPLIED TO SOLVE HUMANITARIAN PROBLEMS ALL OVER THE WORLD, Belgrade, 2017.
- AGES Student Section: The 1st Spring School 3G (Geosciences – Geophysics - Geodesy) AND ENVIRONMENT, Belgrade, 2017 (AGES Students' lectures for high school students).

### **Monographs, Textbooks**

- Komatina-Petrović S., 2011. *ENVIRONMENTAL GEOPHYSICS*. Textbook, 1-362, AGES.
- Žigić H., Komatina-Petrović S., 2013. *Advanced programme languages*. Textbook, EU BD, 1-182.
- Ristić T., Komatina-Petrović S., 2013. *Ecology – Introduction*. Textbook, EU BD, 1-232.
- Stefanov S., 2012. *Development of integral control models and prevention of contamination in oil industry*, Monograph, AGES.
- Komatina M., 2016/2017. *Ground Waters of Serbia*, Monograph, AGES (two editions).

## **11. TRANSLATING / INTERPRETING**

Consecutive interpreter during courses, lectures and meetings/articles, monographs.

Part related to education on groundwater at *USGS* Web-site translated into Serbian.

### ***Translated (published publications):***

- M. Ilić, 1997. *WATER - I*. Vojska, Beograd, 150p. (Serbian/English).
- M. Ilić, 1997. *WATER - II*. Vojska, Beograd, 128p. (Serbian/English).
- M. Komatina, 2004. *MEDICAL GEOLOGY. Effects of geological environments on human health*. Elsevier, Amsterdam – Chapters 8-11.
- H. Ligtenberg, 2005. *Fault seal analysis by enhancing fluid flow paths and fault irregularities in seismic data*. BEM (Balkan Energy Magazine), Vol. 8, 16-20.
- J.E. Moore, A. Zaporozec, J.W. Mercer, 1995. *GROUNDWATER – A Primer*. AGI Environmental Awareness Series: 1. 53 p.

- *What does geological storage CO<sub>2</sub> really mean?* – Serbian version of the brochure produced by CO<sub>2</sub>GeoNet, within the CGS Europe FP7 CO<sub>2</sub>GeoNet/EneRG project Pan-European coordination action on CO<sub>2</sub> geological storage (2011).

## 12. AWARDS FOR OUTSTANDING CONTRIBUTION

- Award of *Milan Milićević Foundation* for the best M.Sc. thesis in 1991, Faculty of Mining and Geology, Belgrade.
- SEG Certificate of Recognition and Appreciation for Service in 2007-2008 as Country Representative for Serbia and Montenegro (Las Vegas, 2008).
- SEG Certificate of Recognition and Appreciation for Leadership as Chairman of the 5<sup>th</sup> Congress of *Balkan Geophysical Society: Geophysics at the Cross-Roads* and President of *Balkan Geophysical Society* (Belgrade, 2009).
- SEG Certificate of Recognition and Appreciation for Service in 2008-2009 as Regional Coordinator for Europe (Houston, 2009).
- The 1st Regional Professionals & Students Conference: *Energy, Economy & Environment* (2010), Divcibare).
- SEG Certificate of Recognition and Appreciation for Service in 2009-2010 as Regional Coordinator for Southern Europe (Denver, 2010).
- SEG Certificate of Recognition and Appreciation for Service as Global Theater Coordinator (Denver, 2010).
- SEG Certificate of Recognition and Appreciation for Service in 2009-2010 as *Global Affairs Committee* Global Champion (Denver, 2010).
- SEG Certificate of Recognition and Appreciation for Service in 2010-2011 as Regional Coordinator for Southern Europe (San Antonio, 2011).
- SEG Student Section from Faculty of Mining and Geology, University of Belgrade: Certificate for Volunteer Contribution in Organizing the 1<sup>st</sup> International Student Archaeo-Geophysical Field-Camp (San Antonio, 2011).
- The 2nd Regional Professionals & Students Conference: *Energy, Economy & Environment* (2011), Zlatibor.
- The 3rd International Professionals Conference *Geosciences and Environment*, Belgrade.

- *EAGE The Best Local Chapter Prize* - 2013 (Tirana, Albania).
- *EAGE Best Local Chapter Award* – 2016 (Vienna, Austria).
- Biography included in the 2nd edition of the Oxford's Book *Encyclopedia of the successful people of Serbia* (2017).