

## Water in the sustainable development – challenges and opportunities

### Global Water Partnership Central and Eastern Europe Summer School

10 - 15 July, Warsaw University of Life Sciences, Warsaw, Poland

#### List of Lecturers



**Susanne Brandstetter** is the Head of Communications at the Department of Water Management in the Austrian Ministry for Agriculture, Forestry and Water Management. Working at the Central Unit for Strategic Communication and Information at the Ministry, she is in charge of the coordination of public relations in the Department of Water Management, and the awareness-raising project management for water. In her work at the Ministry and ICPDR, Susanne has a special focus: Involvement of Youth. She is the Chair Person of Public Participation Expert Group of the International Commission for the Protection of the Danube River (ICPDR) and an Austrian Board Member of IWA (International Water Association). Being a Communications and Social Media expert, she is also in charge of the coordination of Public Participation Activities for the Danube Catchment Area (ICPDR).

**Sabina Bokal** has over 7 years of experiences in environmental management, project planning and team lead. She has developed and implemented several complex projects on a wide variety of environmental topics for partners in public, private and non-governmental sector which enabled them to obtain around 10 million euro from European Regional Development Fund and other programmes. For the past four years, she has been working as project manager with Global Water Partnership in CEE on developing and working on projects related to climate resilience, transboundary cooperation and waste water management. Since 2013 she has been coordinating Integrated Drought Management Programme (IDMP) in CEE and among her main responsibilities is to provide partnership coordination, stakeholder involvement, strategic guidance, communication, fundraising, etc.



Before that she has been involved in the Drought Management Center for Southeastern Europe (DMCSEE) mainly preparing different drought related products (monitoring, risk assessment, etc.), building strategic partnerships and helping with the coordination of their projects. She received her degree in Geography from the University in Ljubljana. Passionate about water and sustainable development, she has completed courses in the areas of Climate Change, environmental policy and management, stakeholder engagement and EU funds.



**Francois Brikke** is a French Citizen, a Development Economist and a Sanitary Engineer, with 25 years professional experience in the water sector worldwide. He is currently holding the position of Senior Network Officer and Thematic Leader on Urban Water Security at the Global Water Partnership, and previously held the positions of Chief WASH at UNICEF based in Jakarta, Regional Team Leader of the World Bank Water and Sanitation Program in Latin America, and Program Officer at the IRC International Water and Sanitation Centre, based in the Hague. He is also currently leading the Urban Theme for the 8<sup>th</sup> World Water Forum to be held in Brasilia in March 2018.

**Dr. Tjasa Griessler Bulc** is an associate professor and Head of the Institute for transfer and application of knowledge at the Faculty of Health Sciences and researcher/project manager at the Faculty of Civil and Geodetic Engineering, University of Ljubljana. She is a leading expert in Slovenia in the field of closing material flows by wastewater treatment, ecological engineering and environmental technologies (e.g. constructed wetlands, aquaponics, wastewater separation). She was awarded with the Lillehammer Award within EUREKA program in 2001 and with the ENERGY GLOBE Award in 2007 for innovative conceptual designs in environmental technologies. She is a Task Force for Water Sanitation issues at the GWP CEE to foster integrated water resource management (IWRM) for Central and Eastern Europe. She is a holder of European Certification & Qualification Association (ECQUA) certificate: EU project manager and a leader and WP/Task leader of several national and international projects (e.g. START-SANDANUBE-Danube Region Project Fund, European Commission DG Joint research Centre, Directorate Sustainable Resources 2016/D.2/5004/NC-Synthesis centers on innovative wastewater treatment, 7FP TURAS, 7FP SANBOX, LLP TOI AQUAVET, EUREKA E!5007 FISH-CWUS).





**Dr. Eng. Leszek Hejduk**, hydrology and water management (MSc eng at Warsaw Technical University), management and marketing (MSc of economy at Warsaw School of Economics), agricultural sciences/environment shaping (PhD at Warsaw University of Life Sciences). He is an adjunct and the head of River Engineering Division at the Warsaw University of Life Sciences (Faculty of Civil and Environmental Engineering). He is also the member of Faculty Council and WULS Senate. He has participated as a Management Committee Member from Poland in COST Actions (European Cooperation in Sciences and Technology) connected with water resources and water quality and is an active member of Association of Polish Hydrologist (Head of Revision Commission). His scientific interest focuses on watersheds processes, rainfall-runoff modeling, suspended sediment and pollutant (nutrients) transport from agricultural land into rivers and lakes. He was a leader or a member of research team in 16 scientific projects granted by Polish government, US-Poland Transfer Technology Program, EEA and Norway grant found, Era-Net and 17 projects granted by private enterprises. Among other, he was involved as an advisory expert in preparation of Flood Risk Management Plans for Middle Part of Vistula River.

**Gergana Majercakova, PhD.** is Communications Officer at GWP Central and Eastern Europe. She is responsible for strategic communications planning, knowledge dissemination and outreach to the key audiences that GWP CEE seeks to influence. Her role involves media, social media and PR activities, the production of multimedia and online content, event organisation, website development, the design and production of publications, and supporting the development of communication strategies. Her interests lie in the innovative use of communications for social and political change, as well as public participation and stakeholder involvement.

Prior to her work with GWP CEE, she worked in the sphere of cultural exchange, public relations and event management. Gergana holds a Masters in Slavic Philology from Sofia University, Bulgaria and a PhD. in Translation Theory from Comenius University, Slovakia.



## Dr.h.c. prof. RNDr. László Miklós, DrSc.



Currently head of the UNESCO-Chair for sustainable development and ecological awareness at the Technical University in Zvolen (Slovakia) and leading senior scientist on the Institute of Landscape Ecology of the SAS, Bratislava. A researcher in landscape ecology, landscape planning, ecological networks, physical and regional geography, environmental policy and sustainable development. Minister of the Environment of Slovak Republic (1998–2006); Member of the Parliament of SR (2006–2010); President of the Governing Council of UNEP (1999–2001); President of the Bureau of the 4th Conference of the Parties of the Convention of the Biological Diversity (1999–2001); President of the 1st Global Environmental Forum (2000, Göteborg); Vice-Chairman of the scientific council of the ECNC (1995–1999); President of the European Association of Landscape Ecology (2009–2011). Edited and co-authored the Landscape Atlas of the Slovak Republic (2002), the Atlas of Representative Geoecosystems of Slovakia. Taught abroad at the Roskilde University Centre, Bodenkulturuniversität Wien, Technische Universität, Wien, Szt. István Egyetem, Gödöllő.

## Prof. Józef Mosiej

Professor in rural environmental engineering and sustainable development of rural areas. Head of Ecological Engineering and Restoration of Environment Division in Department of Environmental Improvement WULS-SGGW. He holds a PhD in technical sciences and Professor title in agriculture sciences (environmental development). The area of teaching and research expertise is agriculture water management, sustainable rural development, ecological engineering and water protection in rural areas. He has participated in international teams for the development of 3 academic textbooks published in Sweden in cooperation with the Baltic University Program coordinated by the Uppsala University.

Editor of journal Annals of WULS-SGGW - Land Reclamation since 1995. Member of Scientific Board 4 international Journals. Publications – 170 papers and reports (50 in English, 20 in Russian) related to: agricultural water management, education for rural sustainable development, rural waste management, influence of agricultural sector for environment, rural environmental protection and development.





**Dr. Angela Renata Cordeiro Ortigara** is a Programme Officer at UNESCO-WWAP in Perugia (Italy), where she primarily focuses on the development of the “SDG 6 Synthesis Report 2018”. She also contributes to the production of World Water Development Reports (WWDR) and has coordinated the implementation of the [Capacity Building Programme on Water and Sustainable Development](#). A Brazilian and Italian national, Angela holds a M.Sc. from the Universidade Federal de Santa Catarina (Brazil) and a Ph.D. from the University of Trento (Italy), both in Environmental Engineering. Her main expertise includes technical, social and environmental aspects of water and wastewater management, as well as project management, capacity building and water governance. She has extensive professional experience in research and the analysis of the linkages between water resources and sustainable development. She is deeply enthusiastic about the 2030 Agenda for Sustainable Development and aims to contribute to the achievement of water-related Sustainable Development Goals (SDGs) by working on the science-policy interface.

**Anja Potokar** is an environmental engineer at Limnos Ltd., Slovenia. She received her BSc degree in Water Management and Municipal Engineering at the University of Ljubljana. In 2016, after few years of work in the environmental engineering she became a design engineer. Her current work and duties are directly related to protection and restoration of water and water resources with the use of natural processes and systems on the ecosystem level, also termed green technologies or ecoremediation. As a technology engineer, she is designing, developing and implementing constructed wetlands for wastewater treatment and reed beds for sludge stabilization and mineralization in the South-East Region. She is also working on projects in the field of water quality enhancement of water bodies by application of ERM measures as a cost effective methodology to reduce pollution and nutrient loads such as small water retention measures. She is well familiar with environmental problems in South-East Region through various projects and studies she is involved in, thus she often emphasizes the importance of environmental awareness. Environmental education and know-how transfer is an important component of the projects she works on. In 2016 she also became the Youth Focal Point for GWP CEE.



**Dr. Richard Müller** is a Regional Coordinator at the Global Water Partnership Central and Eastern Europe, covering 12 countries – Bulgaria, Czech Republic, Estonia, Hungary, Latvia, Lithuania, Moldova, Poland, Romania, Slovakia, Slovenia and Ukraine. He received his Ph.D. in Agricultural Studies and a degree in Landscape Ecology. For more than 15 years, he has worked on sustainable development and water initiatives in the Central and Eastern Europe. He has an extensive experience in water management, communication, knowledge management and public participation. In 2016, he was seconded as a Special Water Advisor to Ministry of the Environment of the Slovak Republic, during country's Presidency to the European Council. He is the National Focal Point for global implementation of SDG 6 monitoring – the 2017 baseline process.



**Prof. Michael J. Scullios**, Environmental/Water Chemist (MSc, DSc, University of Athens), Oceanographer (PhD University of Liverpool).

Professor Emeritus of Environmental Chemistry at the University of Athens (UoA). Founder, and for many years, Director of the Laboratory of Environmental Chemistry.

Director of the UNESCO Chair and Network on “Management and Education for Sustainable Development in the Mediterranean” (UoA).

Chairman of the Global Water Partnership - Mediterranean (GWP-Med).

Chairman of the Mediterranean Information Office for Environment, Culture and Sustainable Development (MIO-ECSDE).

He represents the European Parliament in the Management Board and the Bureau of the European Environment Agency (EEA), since 1992.

Team Leader of the large EU Programme “Sustainable Water Integrated Management-Horizon 2020 Support Mechanism” (SWIM-H2020 SM) (2016-2019).

Chairman of the Greek National Commission of MAB/UNESCO.



Chairman of the International Panel of Experts of the World Bank for the Red Sea – Dead Sea Conveyor. Honorary Chairman of the Hellenic Society for the Environment and Culture. Past President of the European Environmental Bureau (EEB). Member of the European Academy of Sciences. Author of many books and more than 500 scientific articles. He has organised and chaired a very large number of International Conferences. Awarded the Gold Medal of the City of Paris; the Simon Bolivar medal of UNESCO; Environmental Award of the Academy of Athens; Knight of St. John; Knight of the “National Order of Cedars”/ Lebanon, Honorary Citizen of the City of Elefsis, Greece, etc.

**Dr. Danka Thalmeinerova**, Senior Knowledge Management Officer

Danka Thalmeinerova is a water and environmental expert who worked with the Slovak Ministry of Environment. Later, she was project manager for a Harvard University USAID project on environmental economics and policy in Central and Eastern Europe (CEE). She also led a team for several EU and UNDP/GEF-funded projects in CEE on implementing the EU Water Framework Directive. Danka has been a university lecturer, and received her Ph.D. from the Slovak Technical University in Bratislava. Currently, she is a Senior Knowledge Management Officer at the Global Water Partnership Organization, promoting and facilitating a culture of knowledge sharing and technical support across the GWP Network.



**Prof. Iwona Wagner** is an assistant professor in the Department of Applied Ecology at the University of Lodz and in the European Regional Centre for Ecohydrology under the auspices of UNESCO of the Polish Academy of Sciences. For several years, she was the Scientific Secretary of the Ecohydrology Project of the UNESCO’s International Hydrological Programme and liaison for the International Environmental Technology Centre of the United Nations Environment Programme. Recently working also in consulting company FPP Enviro, as Senior Manager Water Management and Climate Change. The research areas cover: ecohydrology, urban ecohydrology including stormwater management and planning strategies and city adaptation to global climate change, coordination and facilitation in multistakeholder platforms, management and implementation of innovative transdisciplinary projects. Author of 16 publications in international journals, 15 chapters and co-editor of 6 international books, author of over 100 oral presentations at international conferences.