



# ECONOMY OF A WATER CITY

## Kongres Miasto-Woda-Jakość życia

Wrocław 3-4 października 2019

### PROGRAM

THURSDAY, 3 OCTOBER 2019

INAUGURATION SESSION		AUDITORIUM HALL
9:30-10:00	<p><b>Inauguration</b></p> <p><b>Jacek Sutryk</b> – Mayor of Wrocław</p> <p>Movie screening: <i>“Wrocław waterworks. Yesterday and today”</i></p> <p><b>Witold Ziomek</b> – CEO of the Municipal Water and Sewage Company in Wrocław</p>	
10:00-10:20	<p>Speech: <i>Blue-Green Solutions (BGS) for future cities' water economy</i></p> <p><b>Professor Cedo Maksimovic</b> – Editor of Urban Water Journal, Imperial College London</p>	
10:20-10:40	<p>Speech: <i>Development of Polish regional metropolitan centres located by the water</i></p> <p><b>Professor Janusz Zaleski, PhD</b> – Vice-Chairman of the Congress Programme Council</p>	
10:40-11:00	<p>Speech: <i>Financing for water</i></p> <p><b>Guy Alaerts, PhD</b> – Institute for Water Education</p>	
11:00-11:20	<p>Speech: <i>Waterworks in Poland – new challenges</i></p> <p><b>Klara Ramm</b> – The Chamber of Commerce Polish Waterworks</p>	
11:20-12:00	Coffee break	
BLOCK: CITY – CITY RESILIENCE		ROOM A/B
12:00-12:20	<p>Speech: <i>City Resilience Programme</i></p> <p><b>Marc Forni</b> – City Resilience Program, World Bank</p>	
12:20-12:40	<p>Speech: <i>The leveraging potential of flood protection investments</i></p> <p><b>Winston Yu, PhD</b> – International Water Management Institute, World Bank</p>	
12:40-13:40	<p>Inspirational session: <i>City resilience in practice</i></p> <p>Moderator: <b>Maciej Chrzanowski</b> – CEO of SWECO Consulting Polska</p> <p><b>Professor Andrzej Tiukała, PhD</b> – Institute of Meteorology and Water Management</p> <p><b>Professor Fumiaki Inagaki</b> – Akita University</p> <p><b>Professor Adam Radzimski, PhD</b> – Adam Mickiewicz University in Poznań</p>	
13:40-14:00	<p>Let's talk about: <i>How to reinforce city resilience in Polish realities?</i></p> <p><b>Professor Stanisław Korenik, PhD</b> – Wrocław University of Economics vs <b>Andrzej Łazęcki</b> – Deputy Director of the Municipal Economy Department, Krakow Municipality</p>	
14:00-14:30	<p>Q&amp;A Session</p> <p>Moderator: <b>Professor Marian Kachniarz, PhD</b> – Wrocław University of Environmental and Life Sciences</p> <p>Participants: <b>Maciej Chrzanowski, Marc Forni, Professor Fumiaki Inagaki, Andrzej Łazęcki, Professor Stanisław Korenik, PhD, Professor Adam Radzimski, PhD, Professor Andrzej Tiukała, PhD, Winston Yu, PhD</b></p>	
14:30-15:30	Lunch	
BLOCK: QUALITY OF LIFE – CLIMATE CHANGE ADAPTATION IN URBAN AREAS		ROOM C/D
12:00-12:20	<p>Speech: <i>Adaptation to climate change in the health sector</i></p> <p><b>James Grellier</b> – European Centre for Environment and Human Health, University of Exeter Medical School</p>	
12:20-12:40	<p>Speech: <i>Under Pressure: Water and the city: Metropolitan solutions and adaptation strategies in changing climate(s)</i></p> <p><b>Arjan van Timmeren</b> – Amsterdam Institute for Advanced Metropolitan Solutions (AMS)</p>	
12:40-13:40	<p>Inspirational session: <i>Let's talk about climate adaptive cities – from strategy to implementation</i></p> <p>Moderator: <b>Edyta Wiśniewska</b> – Netherlands Water Partnership</p> <p><b>Ed Anker</b> – Alderman City of Zwolle</p> <p><b>Wouter Vos</b> – Director International Liveable Cities</p> <p><b>Izabela Gajny</b> – GAJNY Design</p> <p><b>Katarzyna Szymczak-Pomianowska</b> – Wrocław Municipality</p> <p><b>Kevin Welling</b> – International Water Cities</p> <p><b>Suzanne Tietema</b> – International Architecture Biennale Rotterdam</p>	
13:40-14:00	<p>Let's talk about: <i>Adaptation of cities to climate changes</i></p> <p><b>Professor Jerzy Zwoździak, PhD</b> – Wrocław University of Environmental and Life Sciences vs <b>Paweł Chudziński, PhD</b> – CEO of Aquanet</p>	
14:00-14:30	<p>Q&amp;A Session</p> <p>Moderator: <b>Engineer arch. Dorota Jopek, PhD</b> – University of Economics in Krakow</p> <p>Participants: <b>Ed Anker, Paweł Chudziński, PhD, Wouter Vos, Izabela Gajny, James Grellier, Arjan van Timmeren, Suzanne Tietema, Katarzyna Szymczak-Pomianowska, Kevin Welling, Edyta Wiśniewska, Professor Jerzy Zwoździak, PhD</b></p>	
14:30-15:30	Lunch	
BLOCK: CITY – SPATIAL PLANNING AND PROTECTION AGAINST FLOODS IN CITIES		ROOM A/B
15:30-15:50	<p>Speech: <i>Efficiency of flood protection measures</i></p> <p><b>Wolfgang Kron</b> – Munich Re</p>	
15:50-16:10	<p>Speech: <i>How to protect our water retaining structures?</i></p> <p><b>Baris Trak, PhD</b> – European Investment Bank</p>	
16:10-17:10	<p>Inspirational session: <i>Spatial planning, flood protection and development</i></p> <p>Moderator: <b>Adam Grehl</b> – former Deputy Mayor of Wrocław</p> <p><b>Rémy Tourment</b> – IRSTEA (France)</p> <p><b>Professor Elżbieta Nachlik, PhD</b> – Cracow University of Technology</p> <p><b>Rodrigo Fernandes</b> – Bentley Systems</p>	
17:10-17:30	<p>Let's talk about: <i>Methodologies of determining flood risk zones and their impact on cities</i></p> <p><b>Professor Tamara Tokarczyk, PhD</b> – Institute of Meteorology and Water Management, National Research Institute vs <b>Jolanta Olbracht</b> – Manager of Water Team in Krakow, Arcadis Polska</p>	
17:30-18:00	<p>Q&amp;A Session</p> <p>Moderator: <b>Grzegorz Roman</b> – former Member of the Board of the Lower Silesian Voivodship</p> <p>Participants: <b>Adam Grehl, Rodrigo Fernandes, Wolfgang Kron, Professor Elżbieta Nachlik, PhD, Jolanta Olbracht, Professor Tamara Tokarczyk, PhD, Rémy Tourment, Baris Trak, PhD</b></p>	
BLOCK: WATER – WATERFRONTS AND CITY DEVELOPMENT		ROOM C/D
15:30-15:50	<p>Speech: <i>Integrated spatial and water management in cities</i></p> <p><b>Engineer arch. Anna Januchta-Szostak, PhD</b> – Poznan University of Technology</p>	
15:50-16:10	<p>Speech: <i>The Nijmegen climate adaptation success story: how an Ugly Duckling became a swan</i></p> <p><b>Professor Mark Wiering</b> – Radboud University</p>	
16:10-17:10	<p>Inspirational session: <i>Space and water management in liveable cities</i></p> <p>Moderator: <b>Professor Piotr Lorens, PhD</b> – Gdańsk University of Technology</p> <p><b>Ksymena Rosiek, PhD</b> – Cracow University of Economics</p> <p><b>Wouter Vos</b> – Director International Liveable Cities</p> <p><b>Justin Abbott</b> – Director of Global Water Skills Leader, Arup</p>	
17:10-17:30	<p>Let's talk about: <i>Development of city river zones</i></p> <p><b>Mateusz Majka</b> – River Policy Coordinator, Wrocław Municipality vs <b>Kazimierz Śródka</b> – Member of Supervisory Board, Archicom S.A.</p>	
17:30-18:00	<p>Q&amp;A Session</p> <p>Moderator: <b>Joanna Kiernicka-Allavena</b> – Coordinator for Innovative Projects, Wrocławskie Inwestycje</p> <p>Participants: <b>Justin Abbott, Engineer arch. Anna Januchta-Szostak, PhD, Ksymena Rosiek, PhD, Professor Piotr Lorens, PhD, Mateusz Majka, Kazimierz Śródka, Wouter Vos, Professor Mark Wiering</b></p>	

# FRIDAY, 4 OCTOBER 2019

PLENARY SESSION		AUDITORIUM HALL
9:00-9:20	Speech: <i>Flexible transformation pathways for climate change and cities: New York city and beyond</i> <b>Professor Reginald Blake</b> – New York City College of Technology	
9:20-9:40	Speech: <i>Flood risk reduction strategies in Sweden</i> <b>Kristina Ek, PhD</b> – Lulea University of Technology	
9:40-9:55	Movie screening “ <i>Living Wrocław. Living water</i> ”	
<b>WATER CITY INDEX</b>		
9:55-10:20	<i>Water City Index – First Edition – insights by Arcadis</i> <b>Krzysztof Kutek</b> – Arcadis Polska	
10:20-10:40	<i>Report elaboration backstage</i> <b>Michał Kudłacz, PhD</b> – Cracow University of Economics, OEEES expert <b>Jakub Głowacki, PhD</b> – Cracow University of Economics	
10:40-10:50	<i>Competition results announcement and prize awarding ceremony</i> <b>Jarosław Miziołek</b> – CEO of Arcadis Polska <b>Michał Kudłacz, PhD</b> – Cracow University of Economics, OEEES expert	
10:50-11:30	Coffee break	
BLOCK: CITY – WATER SUPPLY AND WASTEWATER TREATMENT, RAINWATER DRAINAGE		ROOM A/B
11:30-11:50	Speech: <i>The semi-centralised approach to integrated water supply and treatment of solid waste and wastewater – a flexible infrastructure strategy for urban regions: the case of Hanoi/Vietnam</i> <b>Professor Hans R. Boehm</b> – TU Darmstadt	
11:50-12:10	Speech: <i>Ecohydrology of the city – transformation of water-related threats and sustainable development</i> <b>Professor Maciej Zalewski, PhD</b> – European Regional Center for Ecohydrology	
12:10-13:10	Inspirational session: <i>Problems with urban water and sanitation</i> Moderator: <b>Witold Ziomek</b> – CEO of the Municipal Waterworks and Sewage Company in Wrocław <b>Oliver Loebel</b> – Secretary General EurEau <b>Professor Szymon Szewrański, PhD</b> – Wrocław University of Environmental and Life Sciences <b>Suresh Kumar Rohilla, PhD</b> – School of Water and Waste – CSE, New Delhi (India)	
13:10-13:30	Let's talk about: <i>Methodologies of determining extreme rainfall in cities</i> <b>Tobias Menzel</b> – OTT Hydromet vs <b>Professor Paweł Licznar, PhD</b> – Wrocław University of Science and Technology	
13:30-14:00	Q&A Session Moderator: <b>Krzysztof Głuc, PhD</b> – Cracow University of Economics, OEEES expert Participants: <b>Professor Hans R. Boehm, Professor Paweł Licznar, PhD, Oliver Loebel, Tobias Menzel, Suresh Kumar Rohilla, PhD, Professor Szymon Szewrański, PhD, Professor Maciej Zalewski, PhD, Witold Ziomek</b>	
14:00-15:00	Lunch	
BLOCK: WATER – PROTECTION STRATEGIES AGAINST FLOODS		ROOM C/D
11:30-11:50	Speech: <i>Flood risk reduction – structural and non-structural measures</i> <b>Professor Zbigniew Kundzewicz, PhD</b> – Polish Academy of Sciences, Vice-Chairman of the Congress Programme Council	
11:50-12:10	Speech: <i>Flood risk reduction strategies in urban areas in France: towards integrated approaches</i> <b>Professor Corinne Larrue</b> – Paris Est University	
12:10-13:10	Inspirational session: <i>Flood protection strategies</i> Moderator: <b>Piotr Matczak, PhD</b> – Adam Mickiewicz University in Poznań <b>Piotr Hermanowski, PhD</b> – Adam Mickiewicz University in Poznań <b>Professor Artur Magnuszewski, PhD</b> – University of Warsaw <b>Stanisław Dendewicz</b> – Polish Academy of Sciences	
13:10-13:30	Let's talk about: <i>Flood protection in the towns of Klodzko Valley</i> <b>Engineer Ryszard Kosierb, PhD</b> – Institute of Meteorology and Water Management, vs <b>Tomasz Korczak</b> – Commune Mayor in Międzyzlesie	
13:30-14:00	Q&A Session Moderator: <b>Roman Konieczny</b> – Institute of Meteorology and Water Management, Division in Krakow Participants: <b>Stanisław Dendewicz, Piotr Hermanowski, PhD, Professor Zbigniew Kundzewicz, PhD, Engineer Ryszard Kosierb, PhD, Tomasz Korczak, Professor Artur Magnuszewski, PhD, Piotr Matczak, PhD, Professor Corinne Larrue</b>	
14:00-15:00	Lunch	
BLOCK: WATER – WATER ECONOMY OPERATIONAL MANAGEMENT		ROOM A/B
15:00-15:20	Speech: <i>Sava river flood monitoring and forecasting system</i> <b>Mirza Sarač</b> – International Sava River Basin Commission	
15:20-15:40	Speech: <i>Digitalisation of water management</i> <b>Professor Evzen Zeman</b> – Czech University of Agriculture	
15:40-16:40	Inspirational session: <i>Development of the operating centres as well as flood monitoring and warning system in Poland</i> Moderator: <b>Piotr Barański</b> – International Commission for the Protection of the Odra River against Pollution <b>Jacek Jędrzejczyk</b> – Sweco Consulting <b>Przemysław Ligenza, PhD</b> – Executive Director, Institute of Meteorology and Water Management <b>Wojciech Adamski</b> – Director, Municipality Operational Centre in Wrocław	
16:40-17:00	Let's talk about: <i>Territorial changes in water management</i> <b>Peter Dane</b> – European Benchmarking Co-operation vs <b>Piotr Ziętara</b> – CEO of the Municipal Waterworks and Sewage Company in Krakow	
17:00-17:30	Q&A Session Moderator: <b>Marek Kończak</b> – Bureau for the Coordination of the Flood Protection Project of the Odra and Vistula Basin in Wrocław Participants: <b>Wojciech Adamski, Piotr Barański, Peter Dane, Jacek Jędrzejczyk, Przemysław Ligenza, PhD, Mirza Sarač, Professor Evzen Zeman, Piotr Ziętara</b>	
BLOCK: QUALITY OF LIFE – URBAN SPACE – INFRASTRUCTURE AND SOCIAL COMMUNICATION		ROOM C/D
15:00-15:20	Speech: <i>Comfortable space: expensive commodity for the rich (cities)?</i> <b>Mikołaj Lewicki, PhD</b> – University of Warsaw	
15:20-15:40	Speech: <i>Urban planning and design as a response to climate changes. Water issues.</i> <b>Engineer arch. Agata Twardoch, PhD</b> – Silesian University of Technology	
15:40-16:40	Inspirational session: <i>Social dimension of urban infrastructure</i> Moderator: <b>Ksymena Rosiek, PhD</b> – Cracow University of Economics <b>Izabela Gajny</b> – GAJNY Design <b>Professor Ryszard Cichoński, PhD</b> – Adam Mickiewicz University in Poznań <b>Eric Leca</b> – Europe Leader Rail & Urban Transport, Arcadis	
16:40-17:00	Let's talk about: <i>Infrastructure and education</i> <b>Professor Anna Karwińska, PhD</b> – Cracow University of Economics vs <b>Monika Onyszkiewicz</b> – Fundacja EkoRozwoju	
17:00-17:30	Q&A Session Moderator: <b>Krzysztof Głuc, PhD</b> – Cracow University of Economics, OEEES expert Participants: <b>Professor Ryszard Cichoński, PhD, Professor Anna Karwińska, PhD, Izabela Gajny, Eric Leca, Mikołaj Lewicki, PhD, Monika Onyszkiewicz, Ksymena Rosiek, PhD, Engineer arch. Agata Twardoch, PhD</b>	
CLOSING SESSION		AUDITORIUM HALL
17:30-17:50	<i>Summary</i> <b>Professor Zbigniew Kundzewicz, PhD</b> – Polish Academy of Sciences, Vice-Chairman of the Congress Programme Council	
17:50-18:10	<i>Closing</i> <b>Professor Jerzy Hausner, PhD</b> – Cracow University of Economics, Chairman of the Congress Programme Council	