

## CASPIAN INTERNATIONAL AQUA TECHNOLOGIES FORUM

**Conference opening: Date: 12.04.2013 Time: 09<sup>30</sup> - 10<sup>30</sup>**

**Gorkhmaz Huseynov, Chairman, Azersu JSC**

**Speakers:**

**Akif Alizade,**  
President of the Azerbaijan National Academy of Sciences (ANAS)

**Diane D'Arras,**  
Senior Vice President of the International Water Association

**Igor Zektser,**  
Vice President of the International Association of Hydrogeologists

**Gulchohra Mammadova,**  
President of Azerbaijan University of Architecture and Construction, Member of National Parliament

### I. WATER RESOURCES MANAGEMENT: INTEGRATED USE AND WATER RESERVOIRS.

<b>PLENARY SESSION: Date: 12.04.2013 Time: 11<sup>00</sup> - 13<sup>00</sup></b>	
<b>Co-chairs of the session: I. S. Zektser; A. M. Saatchi; A. B. Alakbarov.</b>	
<b>1. G. C. Huseynov, A. B. Alakbarov (Azerbaijan):</b> <i>Azerbaijan's Drinking Water Supply Strategy - Concept.</i>	<b>11<sup>00</sup> – 11<sup>15</sup></b>
<b>2. D. Villessot (France):</b> <i>The European Water Safety plan: A comprehensive method to assess risk of drinking water resources quality</i>	<b>11<sup>20</sup> – 11<sup>35</sup></b>
<b>3. S. Zektser (International Association of Hydrogeologists):</b> <i>The experience of regional assessment and mapping of natural groundwater resources</i>	<b>11<sup>40</sup> – 11<sup>55</sup></b>
<b>4. A. Mejia (Venezuela):</b> <i>The recent Experience Trend of LAC Countries in WS and WWS Management</i>	<b>12<sup>00</sup> – 12<sup>15</sup></b>
<b>5. A. M. Saatchi (Turkey):</b> <i>Solving water problems of a metropolis</i>	<b>12<sup>20</sup> – 12<sup>35</sup></b>

<b>6. B.V. Borevskiy, I. S. Zekster, A. L. Yazvin (Russia):</b> <i>An expert assessment of the possibility of using groundwater resources based on different scale maps of ground water resources.</i>	12 <sup>40</sup> – 12 <sup>55</sup>
<i>Lunch</i>	13 <sup>00</sup> – 14 <sup>30</sup>
<b>PLENARY SESSION: Date: 12.04.2013 Time: 14<sup>30</sup> - 18<sup>00</sup></b>	
<b>Co-chairs of the session: J. Despotovich, Zekai Shen, F. Imanov</b>	
<b>7. J. Despatovich, M. Ivetic, L. Jankovich</b> <i>(UNESCO - The International Hydrological Programme): Networking for sustainable education aiming at integrated water resources management</i>	14 <sup>30</sup> – 14 <sup>45</sup>
<b>8. Zekai Shen (Turkey):</b> <i>Water resources management under humid and arid conditions</i>	14 <sup>50</sup> – 15 <sup>05</sup>
<b>9. M. Matthews (UN IP-GEF):</b> <i>UNDP-GEF Kura Aras Project benefits for Azerbaijan</i>	15 <sup>10</sup> – 15 <sup>25</sup>
<b>10. F. A. Imanov (Azerbaijan):</b> <i>Azerbaijan water resources and their integrated management</i>	15 <sup>30</sup> – 15 <sup>45</sup>
<b>11. M. M. Borodech (Russia):</b> <i>Water is the source of life and the driving force for sustainable development</i>	15 <sup>50</sup> – 16 <sup>05</sup>
<i>Tea Break</i>	16 <sup>05</sup> – 16 <sup>30</sup>
<b>12. I. E. Gonench, J. P. Wolflin ( Turkey):</b> <i>Principles and terms to be applied in implementing good watershed management practices</i>	16 <sup>30</sup> – 16 <sup>45</sup>
<b>13. I. M. Mammadzadeh (Azerbaijan):</b> <i>Azerbaijan water resources management strategy to 2030</i>	16 <sup>50</sup> – 17 <sup>05</sup>
<b>14. R. M. Mammadov, M. A . Abduyev (Azerbaijan):</b> <i>The role of river waters in ensuring sustainable development of Azerbaijan</i>	17 <sup>10</sup> – 17 <sup>25</sup>
<i>Discussions</i>	17 <sup>25</sup> - 18 <sup>00</sup>

II. **DRINKING WATER, WASTEWATER AND STORMWATERS – INNOVATIVE TECHNOLOGIES**

<b>PLENARY SESSION: Date: 12.04.2013 Time: 11<sup>00</sup> – 13<sup>00</sup></b>	
<b>Co-chairs of the session: H. Z. Sarıkaya, D. Brdjanovich, K. M. Abdullayev</b>	
<b>1. C. Scheuer (France):</b> <i>Membrane Technologies: UV and Nanofiltration or Traditional Technologies. Time and Reasonable Approach</i>	11 <sup>00</sup> – 11 <sup>15</sup>
<b>2. D. Brdjanovich, C.M.Mark van Loosdrecht, H. K. Samuel, Guanghao Chen (UNESCO- the Netherlands):</b> <i>Innovative sewage treatment technology for the 21<sup>st</sup> century: The novel technology for saline wastewater treatment</i>	11 <sup>20</sup> – 11 <sup>35</sup>
<b>3. H. Z. Sarıkaya, M. S, Sarıkaya ( Bosnia and Herzegovina):</b> <i>The progress and applications in discharging the industrial wastewater to sewerage network</i>	11 <sup>40</sup> – 11 <sup>55</sup>
<b>4. G. Aleksey (Russia):</b> <i>Equipment for waste water treatment produced by ECOLINE LLC (Russia). Designing, producing, constructing and operation</i>	12 <sup>00</sup> – 12 <sup>15</sup>
<b>5. I. Koyuncu (Turkey):</b> <i>Membrane Technologies and Recent Developments for Water Treatment</i>	12 <sup>20</sup> – 12 <sup>35</sup>
<b>6. A.V. Evsiutin, O. L. Parfyonov, A. Q. Komarov (Russia):</b> <i>UV disinfection for drinking water and wastewater</i>	12 <sup>40</sup> – 12 <sup>55</sup>
<b>Lunch</b>	13 <sup>00</sup> – 14 <sup>30</sup>
<b>PLENARY SESSION: Date: 12.04.2013 Time: 14<sup>30</sup> – 18<sup>00</sup></b>	
<b>Co-chairs of the session: C. Scheuer, I. Koyuncu, S. S. Safarov</b>	
<b>7. F. I. Lobanov (Russia):</b> <i>Geotube®. Prospects for Dehydration and Sediment Storage</i>	14 <sup>30</sup> – 14 <sup>45</sup>
<b>8. V. A. Galyamov (Switzerland):</b> <i>The use of DynaSand® self-cleaning sand filters in water treatment and disposal facilities</i>	14 <sup>50</sup> – 15 <sup>05</sup>
<b>9. A. Kolesnikov (Russia):</b> <i>BASF innovation in Water Treatment</i>	15 <sup>10</sup> – 15 <sup>25</sup>

<b>10. J. Arnaudis (France):</b> <i>Desalination efficient technologies</i>	15 <sup>30</sup> – 15 <sup>45</sup>
<b>11. K. M. Abdullayev, M. M. Aghamaliyev, D. A. Ahmadova (Azerbaijan):</b> <i>Technologies for the treatment of water mineralized with the use of secondary energy resources in diesel power stations</i>	15 <sup>50</sup> – 16 <sup>00</sup>
<i>Tea break</i>	16 <sup>00</sup> – 16 <sup>30</sup>
<b>12. K. Donertash (Turkey):</b> <i>Isolation methods for drinking water and wastewater structures</i>	16 <sup>30</sup> – 16 <sup>45</sup>
<b>13. M. Soder (Sweden-the USA):</b> <i>Newer method in water and waste water transportation “FLYGT EXPERIOR”. Latest technologies in Waste Water Treatment “ICEAS ”</i>	16 <sup>50</sup> – 17 <sup>05</sup>
<b>14. R. R. Sharifov, S. I. Ismayilov (Azerbaijan):</b> <i>Application of local filtration materials for complete treatment and reuse of municipal wastewater</i>	17 <sup>10</sup> – 17 <sup>20</sup>
<b>15. E. S. Qambarov (Azerbaijan):</b> <i>Prospects for Duplex Water Systems of Baku</i>	17 <sup>20</sup> – 17 <sup>30</sup>
<b>16. K. M. Abdullayev, V. E. Kosmodamianskiy, M. Mammadova (Azerbaijan):</b> <i>The use of membrane technologies for surface water in ion exchange diagrams in thermal power stations</i>	17 <sup>30</sup> – 17 <sup>40</sup>
<i>Discussions</i>	17 <sup>40</sup> – 18 <sup>00</sup>

### III. PROGRESSIVE MANAGEMENT METHODS IN WATER SUPPLY, WASTE AND RAIN WATER SYSTEMS

<b>PLENARY SESSION: Date: 12.04.2013 Time: 11<sup>00</sup> – 13<sup>00</sup></b>	
<b>Co-chairs of the session: D. D'arras, R. Stein, T. Goksu</b>	
<b>1. T. Goksu (Turkey):</b> M <i>Master plan of water supply and sewerage system of Baku-Absheron agglomeration till 2035</i>	11 <sup>00</sup> – 11 <sup>15</sup>
<b>2. D. D'Arras (International Water Association):</b>	11 <sup>20</sup> – 11 <sup>35</sup>

<i>Stormwater management: a performance based approach developed through the examples of Paris area and Barcelona</i>	
<b>3. A. S. Mammadov (Azerbaijan):</b> <i>Flow regulation of mountain rivers of Azerbaijan and using of them for water supply</i>	11 <sup>40</sup> – 11 <sup>55</sup>
<b>4. R. Stein, D. Beckmann (Germany):</b> <i>Risk and quality monitoring of pipe jacking projects</i>	12 <sup>00</sup> – 12 <sup>15</sup>
<b>5. F. H. Rahimov (Azerbaijan):</b> <i>GIS technologies applied in Azersu JSC</i>	12 <sup>20</sup> – 12 <sup>35</sup>
<b>6. M. Yerlikaya (Turkey-Belgium):</b> <i>Steel Fiber Reinforcement Concrete in Waste Water and Hydraulic Projects</i>	12 <sup>40</sup> – 12 <sup>55</sup>
<b><i>Dinner break</i></b>	13 <sup>00</sup> – 14 <sup>30</sup>
<b>Plenary session: Date: 12.04.2013 Time: 14<sup>30</sup> – 18<sup>00</sup></b>	
<b>Co-chairs of the session: H. Pham, K. Tynes, A. S. Mammadov</b>	
<b>7. H. Pham (France):</b> <i>Knowledge management in big water company: how to organise and develop it in the day to day life</i>	14 <sup>30</sup> – 14 <sup>45</sup>
<b>8. V. S. Zinchenko, S. A. Kobish (Russia):</b> <i>Modern geochemical and geophysical methods for technical condition diagnosis of water wells and quick assessment of drinking water quality</i>	14 <sup>50</sup> – 15 <sup>05</sup>
<b>9. H. Aksoy (Turkey):</b> <i>Data and model issues in water resources systems</i>	15 <sup>10</sup> – 15 <sup>25</sup>
<b>10. K. Tynes (Panama):</b> <i>Tunnelling for Wastewater Conveyance (A case study from Panama city)</i>	15 <sup>30</sup> – 15 <sup>45</sup>
<b><i>Tea break</i></b>	16 <sup>00</sup> – 16 <sup>30</sup>
<b>11. D. Manuel (Malaysia):</b> <i>Waterproofing in WW Treatment Plants</i>	16 <sup>30</sup> – 16 <sup>45</sup>
<b>12. F. S. Ahmadov (Azerbaijan):</b> <i>Setting the design parameters of wastewater discharging lines to the sea and the size of contaminated areas</i>	16 <sup>50</sup> – 17 <sup>05</sup>

<b>13. F. S. Quliyev (Azerbaijan):</b> <i>Regulatory system for determining rain water amount in designing rain water sewer system of residential zones of Azerbaijan</i>	17 <sup>10</sup> – 17 <sup>25</sup>
<i>Discussions</i>	17 <sup>30</sup> – 18 <sup>00</sup>

#### IV. UNIQUE ENGINEERING FACILITIES IN WATER SUPPLY. GREEN PLANET.

<b>PLENARY SESSION: Date: 12.04.2013 Time: 11<sup>00</sup> – 13<sup>00</sup></b>	
<b>Co-chairs of the session: Y. A. Tabunshikov, M. Rentzsch, F. Q. Aliyev</b>	
<b>1. Y. A. Tabunshikov (Russia):</b> <i>Energy-efficient resource saving in water supply system</i>	11 <sup>00</sup> – 11 <sup>15</sup>
<b>2. K. F. Ibrahimov (Azerbaijan):</b> <i>Water Supply of Old Baku</i>	11 <sup>20</sup> – 11 <sup>35</sup>
<b>3. A. Bokhan (Germany) :</b> <i>Innovative Methods in Micro Tunnelling</i>	11 <sup>40</sup> – 11 <sup>55</sup>
<b>4. G. R. Grob (Switzerland):</b> <i>Water &amp; Energy an inseparable partnership for sustainable power generation and water supply</i>	12 <sup>00</sup> – 12 <sup>15</sup>
<b>5. M. Rentzsch, F. A. Abilov (Germany):</b> <i>Environmental and occupational safety management systems helps increase the water quality in Azerbaijanian water</i>	12 <sup>20</sup> – 12 <sup>35</sup>
<b>6. S. Seven (Turkey):</b> <i>Chemicals and methods used in the treatment and use of wastewater in underground tunnels</i>	12 <sup>40</sup> – 12 <sup>55</sup>
<i>Lunch</i>	13 <sup>00</sup> – 14 <sup>30</sup>

<b>PLENARY SESSION: Date: 12.04.2013 Time: 14<sup>30</sup> – 18<sup>00</sup></b>	
<b>Co-chairs of the session: A. Bokhan, S. Seven, F. A. Abilov</b>	
<b>7. K. Alimov (Azerbaijan):</b> <i>Contaminant-free drinking water reservoirs of Azerbaijan - the basis for healthy environment</i>	14 <sup>30</sup> – 14 <sup>45</sup>
<b>8. S.A. Eminov, I.N.Shirinov (Azerbaijan):</b> <i>Sea and collector-drainage waters are reliable sources for irrigation in the water shortage</i>	14 <sup>50</sup> – 15 <sup>05</sup>
<b>9. D. N. Aliyeva, Q. A.Valiyeva,N. N. Naumova (Azerbaijan):</b> <i>Modern flocculates in treatment facilities and their role in enhancing the barrier function</i>	15 <sup>10</sup> – 15 <sup>25</sup>
<b>10. F. Q. Aliyev (Azerbaijan):</b> <i>The Kur River and Green Economy</i>	15 <sup>30</sup> – 15 <sup>45</sup>
<b>11. O. A. Zeynalova (Azerbaijan):</b> <i>Using of wastewater of Baku in agriculture as an innovative technology for environment</i>	15 <sup>50</sup> – 16 <sup>00</sup>
<i>Tea break</i>	16 <sup>00</sup> – 16 <sup>30</sup>
<b>12. S. Fenwick (Scotland):</b> <i>The importance of Hydration with emphases on quality drinking water</i>	16 <sup>30</sup> – 16 <sup>45</sup>
<b>13. A.C. Kangarli (Azerbaijan):</b> <i>Integrated treatment and processing of sea water in regular water supply systems</i>	16 <sup>50</sup> – 17 <sup>05</sup>
<b>14. A. D. Aliyev (Azerbaijan):</b> <i>New innovation projects for ecologically clean water technologies for thermal power stations</i>	17 <sup>10</sup> – 17 <sup>25</sup>
<i>Discussions</i>	17 <sup>25</sup> – 18 <sup>00</sup>