



International Association
of Water Service Companies
in the Danube River
Catchment Area



Forecasting change

Earth Observation and AI Solutions for
climate resilient water resources
management

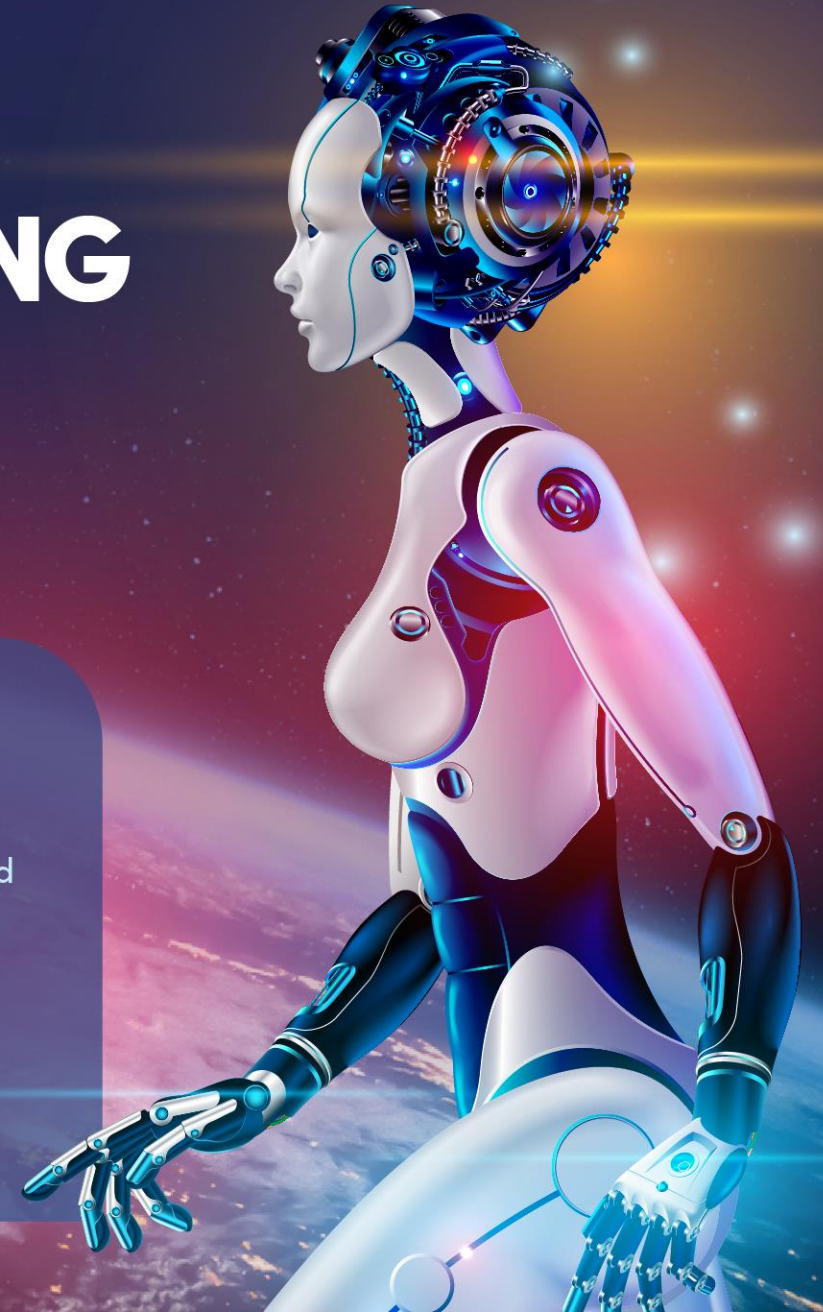




MOZAIKA, THE HUMANIZING TECHNOLOGIES LAB

At Mozaika we are trying to leverage data science with natural interfaces to provide solutions tailored to human attitudes, behavior and comprehension.

- 1 Intelligent information infrastructures
- 2 Content mapping and management
- 3 Explainable AI
- 4 Forecasting with neural networks and satellite data
- 5 Applications:
 - Business information delivery
 - Monitoring of dams and rivers and water resources management
 - Historical archives and cultural heritage
- 6 Interest in Industry 4.0 and Smart Cities



MOZAIKA – THE HUMANIZING TECHNOLOGIES LAB

an SME and a Research Center

in operation since May 2013

subject areas

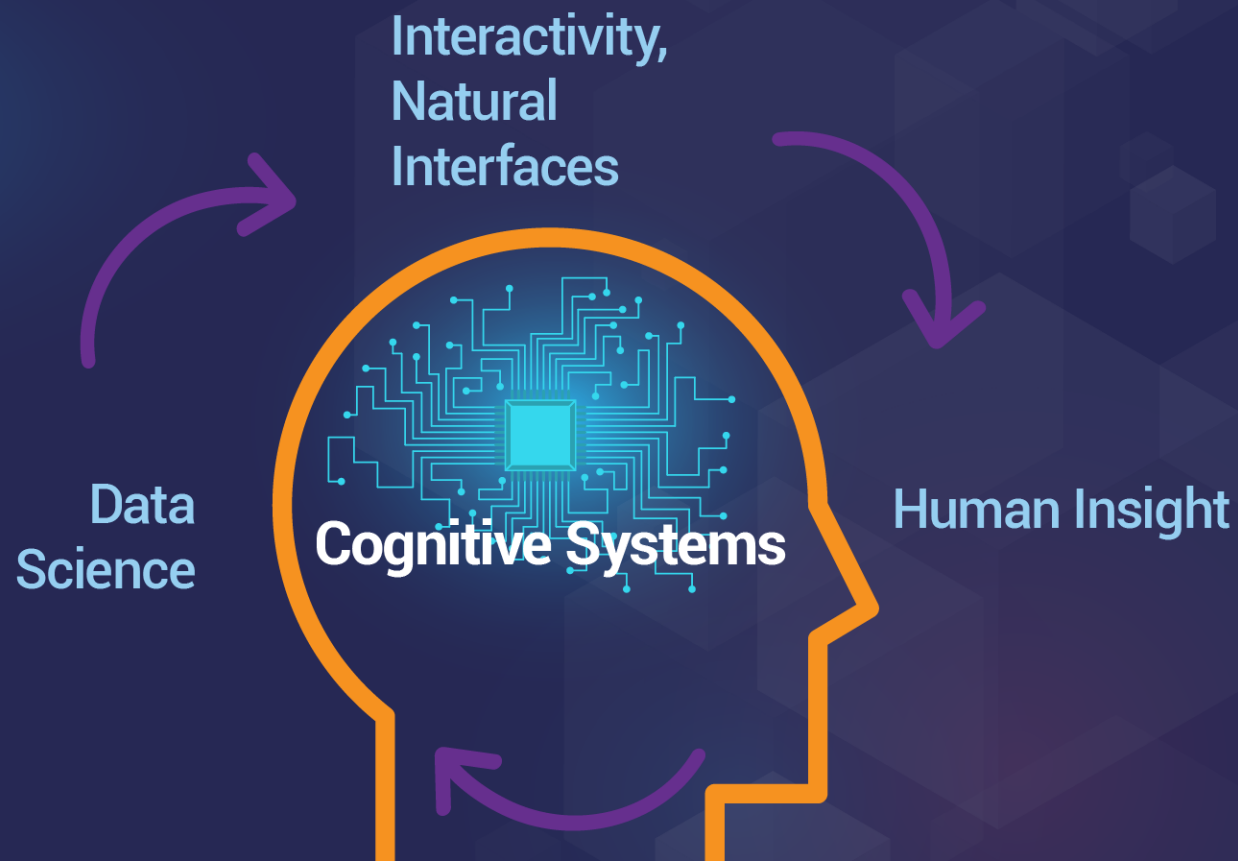
- data science
- natural interfaces
- human insight

activity areas

- R&D and project development for knowledge intense solutions
- DaaS (Data as a Service)
- Information/data infrastructures for a variety of applications
- AI
- Natural human-computer interactivity

verticals

- Business Information,
- Human Resources Management,
- Earth Observation,
- Smart Cities, Cultural Heritage



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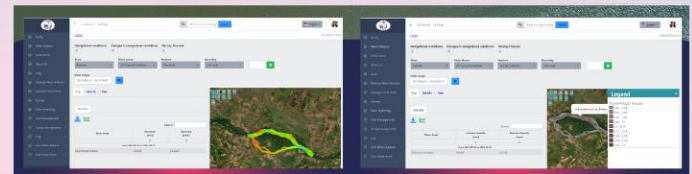
WATER RESOURCES MANAGEMENT



Complete water resources management solution

A disruptive way information is provided based on

- Several flavors of AI
- Earth observation
- Synchronized geospatial, numeric and symbolic info
- Improves operational efficiency
Enables in-depth analysis and planning
- Provides advanced warning for potential hazardous situations
- Facilitates decision making for daily exploitation of dams and rivers
- Supports policy making for sustainable water resources management and climate change adaptation



Today's Agenda and Panelists



AGENDA:

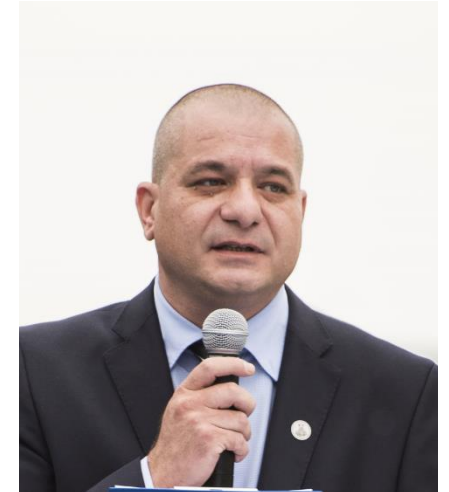
- 12:00 – 12:05 Welcome and introduction
- 12:05 – 12:20 **Presentation by
Mr. Raimund Mair**
- 12:20 – 12:35 **Presentation by
Dr. Stanko Stankov**
- 12:35 – 12:45 **Feedback from
Mr. Bozhidar Yankov**
- 12:45 – 13:10 Moderated discussion including
questions from the audience
- 13:10 – 13:15 Wrap-up and closing of the
webinar



Mr. Raimund Mair
World Bank
Austria



Dr. Stanko Stankov
Mozaika
Bulgaria



Mr. Bozhidar Yankov
**Executive Agency for
Exploration and
Maintenance of the Danube
River**
Bulgaria

Moderation: Dr. Mariana Damova, Mozaika, Bulgaria