



**Information/Call for participation  
INTERNATIONAL SCIENTIFIC CONFERENCE  
“CLIMATE CHANGE, WATER RESOURCES AND WASTEWATER TREATMENT”**

**Organized by: The Academy of Sciences and Arts of Kosova and  
the Academy of Sciences of Albania**

**On 27<sup>th</sup> and 28<sup>th</sup> 2024  
At the Academy of Sciences and Arts of Kosova in Prishtina**

Climate changes are now undeniably considered to have been caused as a result of anthropogenic activities, mainly through the emission of gases that cause the greenhouse effect. Global warming also has an impact in the quantity of precipitation in certain regions, during different seasons, in which case significant periods of drought appear, an increase in the number of heat waves, as well as the occurrence of very high intensity precipitation in certain places. The consequences of this phenomenon are expected to be critical in the countries of South-Eastern Europe, including Kosovo and Albania.

The management of water resources is considered in the future a very important factor for the sustainable economic development of a country, as it directly affects the quality of life of people in urban and non-urban areas, as well as agricultural income yield and biodiversity predominantly.

Due to various human activities, including those of industrial and agricultural sector, occur the pollution of soil, air, surface waters, rivers, lakes and even marine waters. Reducing the level of pollution and the treatment of wastewater including that which is discharged into urban spaces with contemporary technologies represents a challenge, but also an immediate requirement, so that in the future sufficient quantities of drinking water can be used in other purposes.

The aim of the conference is that eminent experts from Kosovo, Albania, the region and beyond will participate, who will discuss the consequences of climate change, water resources management and contemporary methods for wastewater treatment.

During the conference, the following questions will be addressed, among others:

- Climate change due to anthropogenic activities
- Water resources in Kosovo and Albania and potential for their use
- Integrated water resources management

The main causes of water pollution in Kosovo and Albania:

- Different methods of detecting and removing water pollutants
- Different types of sensors
- Advanced technologies,
- Advanced oxidation processes,
- Use of treated water for different purposes, etc.

At least 50 participants are expected. The language of the Conference will be Albanian and/or English.

At the end of the document you can find attached a template of an abstract. The deadline for the submission of abstracts is 25<sup>th</sup> April 2024 and should be submitted to the following email address: [fetahpodvorica@ashak.org](mailto:fetahpodvorica@ashak.org). They should be written in Albanian or English. The selection of presentations for the Conference will be made based on their quality and relevance to the topic and the authors will be informed until 5<sup>th</sup> May 2024.

**Scientific Organizing Committee:**

Academician Nexhat Daci,

Academician Neki Frashëri,

Academician Fejzullah Krasniqi,

Academician Ilirjan Malollari,

Corresponding member Salih Gashi

Accociated Academician Besnik Baraj

Corresponding member Fetah Podvorica,

Prof. Dr. Roza Allabashi

Corresponding member Myzafere Limani

Prof. Dr. Valbona Kolaneci