

# **The 6<sup>th</sup> International Conference ECOLOGICAL & ENVIRONMENTAL CHEMISTRY 2017**

**March 2-3, 2017, Chisinau, Republic of Moldova**

The 6<sup>th</sup> International Conference **ECOLOGICAL & ENVIRONMENTAL CHEMISTRY 2017** (EEC-2017) will be held on 2-3 March, 2017 in Chisinau, Republic of Moldova.

**Main Scope:** Development of the international cooperation in the fields of ecological chemistry, environmental protection and promotion of the healthy life style by seeking harmony between ecology and chemical processes of pollution, purification, and methods of prevention of anthropogenic impact on the environment and human health, as well as issues related to environmental education, training and environmental safety.

The 6<sup>th</sup> International Conference **ECOLOGICAL & ENVIRONMENTAL CHEMISTRY 2017** will serve as the main arena for discussion, experience and ideas exchange of the recent achievements in the field related to the investigation of mechanisms and chemical processes that take place in natural waters, atmosphere and soils under the influence of anthropogenic pollutants, the pollutants impact on the human health and habitat, as well as with the methods of chemical risk assessment, environment pollution prevention and mitigation.

## **Topics proposed for discussion:**

- A. **Ecological Chemistry**
  - a. Physico-chemical and chemico-biological processes which determine composition, structure and chemical properties of the environment
  - b. Water, air and waste treatment methods and technologies
  - c. Chemical risk assessment of human health and environment
- B. **Environmental Chemistry**
  - a. Chemistry of water
  - b. Chemistry of air
  - c. Chemistry of soil
- C. **Green Chemistry**
  - a. Preventing and reducing the negative impact of chemistry on the environment
  - b. Design of ecological friendly technologies and chemical products that minimize the use and generation of hazardous substances
- D. **Ecological Chemistry in Research and Education**
  - a. Ecological chemistry research and innovation activities
  - b. Ecological chemistry in education

**Conference Chairman**

**Academician Gheorghe DUCA**

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