



STOWARZYSZENIE BYŁYCH PRACOWNIKÓW
INSTYTUTU METEOROLOGII I GOSPODARKI WODNEJ - PIB
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Wrocław, December 2019

Ladies and Gentlemen!

I have the honor to send you the 1st Announcement and invite you to participate in the II International Conference 'Meteorology, Hydrology, Water Management, Environment Protection, Navigation – research and problems'. The Conference is organized by the Institute of Meteorology and Water Management – National Research Institute and the Society of Retired Employees of the Institute of Meteorology and Water Management – National Research Institute, accompanied by the Polish Geophysical Society, Wrocław University of Environmental and Life Sciences, University of Wrocław and the Office of Inland Navigation. Due to great interest in the conference in the neighbor states, specialists and authorities from the Federal Republic of Germany and the Czech Republic have been invited.

The aim of the Conference is to activate the scientific community to intensify research that can enable undertaking common decisions in order to stop environment degradation, including all the agriculture sectors and health. Vast and complicated Earth Climate System, covering the atmosphere, earth's surface, biosphere, snow-covered areas, glaciers, emitted aerosols and solar radiation, is systematically disturbed by high emission of CO₂ to the atmosphere. In 2017, CO₂ concentration reached 405,5 ppm and is still increasing. If the current trend continues, air temperature at the end of XXI c. can increase 3-5°C, reaching the level that is a risk for human life. In July 2019, the highest air temperate in the Arctic and Antarctica was noticed since 140 years. It caused the most intensive melting of glaciers. In the Arctic, 105000 km² of glaciers was melted each day. The shortest range of sea ice for 1981-2010 was noticed, too. It should be emphasized that 2019 was the warmest year in the North and South America, Asia, Australia, New Zealand, South Africa and in many areas of Pacific and Atlantic region. Similar situation was also noticed in Europe. 2019 was characterized by high activity of hurricanes and floods in the tropical zone. Numerous local flood events occurred in the south Europe (Spain, France, Italy, Greece). Hurricane winds and intensive precipitations were also observed in Poland.

Ladies and Gentlemen! In order to support efforts of many people and institutes to restore the atmosphere and lithosphere their original state, I would gladly like to ask you to present your scientific and technical opinions so that they become an impulse for mobilization and creation of normal conditions for environment and future generations, the inhabitants of our planet.

With the Best Regards
Head of the Organization Committee

Assoc. Prof. Dr. Alfred Dubicki