

MICHAŁ KAMIŃSKI<sup>1</sup>, WOJCIECH POSPOLITA<sup>2</sup>, MACIEJ CHOLEWIŃSKI<sup>3</sup>, AGNIESZKA ŁAGOCKA<sup>4</sup>

*<sup>1</sup>The Department of a Low Emission Energy Sources and Waste Management, The Institute of Agricultural Engineering, The Faculty of Life Sciences and Technology, Wrocław University of Environmental and Life Sciences, C. K. Norwida 25, 50-375 Wrocław, <sup>2</sup>The Department of Mechanical Engineering and Power Systems, The Faculty of Mechanical and Power Engineering, Wrocław University of Science and Technology, Wybrzeże Wyspiańskiego 27, 50-370 Wrocław, <sup>3</sup>The Chair of Energy Technologies, Turbines and Modelling of Thermal and Fluid Flow Processes, The Faculty of Mechanical and Power Engineering, Wrocław University of Science and Technology, Wybrzeże Wyspiańskiego 27, 50-370 Wrocław, <sup>4</sup>Department of Agroecosystems and Green Areas Management, The Institute of Agricultural Engineering, The Faculty of Life Sciences and Technology, Wrocław University of Environmental and Life Sciences, C. K. Norwida 25, 50-375 Wrocław, E-mail: maciej.cholewinski@pwr.edu.pl*

## POLLUTANTS EMISSION FROM AIRCRAFT ENGINES AND ITS IMPACT ON HUMAN HEALTH

### Summary

The rapid development of passengers and cargo air transport, that took place over the last 50 years, had a considerable impact on the environment. Surveys and research conducted in recent years identified several negative effects closely linked to air transport activities, both in local (noise in the proximity of the airports) and global scale (including climate changes and the emissions of the different air pollutants). In the article the impact of the airports and aircrafts on the human health are summarized and discussed.