

Current Trends in Ensuring the Sustainable Development of Aviation

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The modern aviation industry is developing rapidly, thus creating many benefits and opening new opportunities for society. But, at the same time, the development of this industry creates stress for all the environment components, to a greater or lesser extent. Importantly, the development of aviation industry negatively affects people and other living organisms not only locally but also globally. Therefore, the issues of ensuring the sustainable development of the modern aviation industry are extremely relevant and require complex and targeted actions.

Information on the regulation and control of the negative impact of this industry around the world is provided in accordance with the requirements of international and national regulations.

In order to implement the European principles of sustainable aviation development more effectively, national regulations must be harmonized with international ones, which are dominant in civil aviation. Ukraine is a full member of such international organizations as the ICAO, EUROCONTROL, ECAC. And, today, our country is in the process of harmonization of national standards in the field of aviation with the relevant EU regulations, in particular, on environmental safety in this area. However, the results of our experimental testing of the state of atmospheric air, soil and groundwater at airports have shown high level of chemical pollution and the need to pay more attention on environmental safety of aviation. In particular, there is a need to invest efforts in providing specialists of aviation industry with the deepened understanding of sustainable development goals in terms of environmental safety standards for air transport.

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