

Abstract:

Ensuring Poland's ecological safety through air protection should be carried out in a systemic manner. Poland's identified ecological safety system in the field of air protection consists of elements and processes intended primarily to improve air quality. This system consists of subsystems that take actions consistent with their functionality. The threat response subsystem is important for the proper functioning of the system under consideration. This subsystem includes two spheres of activities, including the sphere of monitoring and assessment of air quality and the sphere of planning and implementing corrective actions aimed at reducing pollutant emissions (including emissions resulting from household activities). Due to the exceedances of air quality standards and significant emissions of pollutants occurring in Poland, it was assumed that the functioning of Poland's ecological safety system in the field of air protection requires improvement. Recommendations were proposed for both spheres of activities of the threat response subsystem, which may contribute to the proper functioning of the system.