

# THE INFLUENCE OF WEATHER CONDITIONS ON BIOSPHERE PROCESSES

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**Abstract.** The importance of meteorological processes and phenomena in the functioning of the biosphere is analysed. The influence of different weather conditions on health is shown, the factors and mechanism of their effects are described. Impact of meteorological processes on animals are discussed, the specific examples of such influence are given. The impact of meteorological processes and phenomena on plants in various stages of their lives (pollination, growth, maturation, transport of seeds, damage and death) is shown. The effect of weather conditions on certain abiotic environmental components is discussed. Great significance of weather conditions for the occurrence of biosphere processes is concluded.

*Keywords:* weather, mortality, diseases, state of health, lightning, wind, biosphere processes.