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# Evolution and ecology of the universe: the ideas and concepts

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*The present stage of the universe evolution and the universe objects generates a specificity of solar-terrestrial processes, in which for the first time there arises a problem about the security threats of the earth's civilization. To make appropriate technical decisions it is necessary to develop a modern evolutionary paradigm. New global changes make significant adjustments to understanding the mechanisms controlling the forces of nature and society.*

**Keywords:** *evolution and ecology, objects in the universe, the development of the terrestrial civilization, global evolutionary paradigm.*

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