

ABOUT THE CONNECTIONS BETWEEN DIVERSITY AND STABILITY OF NATURAL SYSTEMS.

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It is known from the common theory of system that complex systems interacting with changeable environment complicate its structure on the base of self-government and self organizing and new elements are appeared in them which them unite into undersystems. Therefore diversity in the complex systems is increased. As a result of it they become more elastic and more adapting to the conditions of environment.

In biology and ecology it's reflected in the Law of diversity of organisms and ecosystems according to which the development of living organisms and biokos systems in historical plan reduce to the complication of their formations by increasing differentiation of their functions and organs which fulfill such function.

Indicated regularity also make socio-political importance which are found out reflection in the main principles of stable development adopted in the international conference of UNO in Rio de Janeiro. Saving difference in culture and public and nature especially in biodifference, diversity of culture and other valumes is the necessary conditions for surviving.