

THE ENVIRONMENT AND SOCIETY AS A CYBERNETIC SYSTEM

Summary

The report describes mechanisms and conditions for information flow in the cybernetic system of the environment and society, as well as its importance for scientific process of the environment use in the knowledge-based economy and sustainable development. It has been agreed that a cybernetic system characteristic, apart from feed-back, is the analysis of cause-effect processes. It should contain environmental, social, economical, sociological and cultural problems. Its aim should be to establish models of sustainable development. Lack or insuffi-

cient knowledge of cause-effect relationships is still the primary source of negative results caused in the environment. This is also related to the fact that still not many ecological problems are analysed through systematic and cybernetic viewing of the environment. Therefore it is vital to constantly improve research methods and information analyses in the environment and processes of ecosystems analysis, which will create a common interface of the environment and society.