

SUMMARY

Aristov M.V. Interpretation of remote sensing data of gas and oil searching in Podillya // Uchenye zapiski TNU. Series: Geography, 2001. – Vol. 14. – No. 1. – P. 3-7.

The value and the peculiarities of interpretation of remote sensing data at oil and gas searching are analysed. The detecting features of local morphostructures, which are connected with structural traps of hydrocarbons in Podillya are systematized.

Baldzy M. D. Role of high plants in the ecology-energy potential of landscape // Uchenye zapiski TNU. Series: Geography, 2001. – Vol. 14. – No. 1. – P. 8-11.

In the article the questions of the biofields higher plants influence on change of an ecological and energetic potential of landscape are considered. Basic ecologic features of plants and their influence on natural objects and man are shown.

Baranov I. P. Application of the method of natural impulse electromagnetic field of the Earth registration for studying of geo-active structures in Crimea // Uchenye zapiski TNU. Series: Geography, 2001. – Vol. 14. – No. 1. – P. 12-17.

The geo-active structures are the new and poor studied object in geography. The article represents the results of their analysis by the method of natural impulse electromagnetic field of the Earth registration.

Bezverchnuk T. N., Zurkan O. I. Regionalization of natural and economic territory systems for purposes of management // Uchenye zapiski TNU. Series: Geography, 2001. – Vol. 14. – No. 1. – P. 18-21.

In the article the approach to rational allocation of various kinds of natural and economic territory systems based on sharing of a technique automated regionalization and modules of multi-purpose acceptance of the decisions realized in GIS IDRISI is considered.

Blaga N.N., Rudyk A.N. Norm-setting of recreation loads on urban and suburban landscapes: basic aspects // Uchenye zapiski TNU. Series: Geography, 2001. – Vol. 14. – No. 1. – P. 22-25.

In the article the basic problems of the recreation loads norm-setting on urban and suburban landscapes are considered. The peculiarities of the recreation loads norm-setting with consideration of landscapes stability, landscape and functional-economic structures of territory are shown.

Bortnikov E. G. Problems of regional eco-geology development (on example of industry developed regions) // Uchenye zapiski TNU. Series: Geography, 2001. – Vol. 14. – No. 1. – P. 26-30.

Ecological and geological problems of regional standard, their decision are a constituent part of all global problems of mankind and of complex of natural sciences. Monitoring of geological environment is a dynamical system with flexible infrastructure, which allows to carry out constant control of the state of an object, to model geological systems with various technogenic loading, prognostic estimations and to develop the measures for protection and rational use of geological environment.

Chugay A. V. Shpilevoy A.A. Using of GIS-technologies for assessment of marine ecosystems condition // Uchenye zapiski TNU. Series: Geography, 2001. – Vol. 14. – No. 1. – P. 146-149.

In the article the opportunities of use of GIS-technologies in questions of estimation of quality of sea waters are submitted. The spatial distribution and correlation dependence between the contents of various parameters on water surface and at the bottom, at bottom and in bottom sediments in Danube and Dnister seashore with the help of well-known GIS-packages MapINFO and IDRISI are considered.

Fedorova N. V. Analytical review of basic modern contemporary ethnogeographic conceptions // Uchenye zapiski TNU. Series: Geography, 2001. – Vol. 14. – No. 1. – P. 137-141.

The article represents the analytical review of principle contemporary ethnogeographic conceptions of the twentieth century.

Gladkey A. V. System of population setting in Kiev Economical Agglomeration // Uchenye zapiski TNU. Series: Geography, 2001. – Vol. 14. – No. 1. – P. 43-46.

The territorial structure of population settling in Kiev Economical Agglomeration is disclosed. The comparative analysis of Kiev Agglomeration and other World Metropolitan Agglomerations is developed.

Ivanova A. V. Problems of modeling of soils erosion losses // Uchenye zapiski TNU. Series: Geography, 2001. – Vol. 14. – No. 1. – P. 58-62.

The exact simulation of the soil erosion problems are looked into using the version of the logical and mathematical soil loss model, which was realized in the computer system «Farmer» being developed in the department of physical geography and nature use in Odessa national university. The conclusions of model sensitivity to changing of input parameters and their calibration were made.

Karpenko S. A. Regional management system of social-economical development as object of studying // Uchenye zapiski TNU. Series: Geography, 2001. – Vol. 14. – No. 1. – P. 63-69.

In the article the methodological approaches to describing regional management system of social-economical development as sum of subjects and objects of management that integrated by different types of management decisions are considered. Basic elements of information-methodical environment of territorial development system are characterized.

Kovalenko I. M. Culture of water management of the Crimean peoples // Uchenye zapiski TNU. Series: Geography, 2001. – Vol. 14. – No. 1. – P. 70-74.

In the article the questions of the main trends of special features investigation of traditional nature use of Crimean peoples – culture of water management are considered.

Kravchuk I. V. Installation of coastal guard strips around pools // Uchenye zapiski TNU. Series: Geography, 2001. – Vol. 14. – No. 1. – P. 75-79.

The estimation of an ecological condition of water resources pools of the Sevastopol zone, with reference to the requirements farming and potable and cultural and community, fish farming of water usage is adduced. Special measures are offered for the improvement and the stabilization of ecological conditions, founded on position of the Water code of Ukraine.

Kudryan' E. A. The landscape approach to study of underwater mountains of World ocean // Uchenye zapiski TNU. Series: Geography, 2001. – Vol. 14. – No. 1. – P. 80-83.

It is offered to consider underwater mountains as a geographical complex, that enables to consider not a concrete underwater mountain, and their definite set. The geology-geomorphological and hydrology-biological complexes of underwater mountains are allocated separately.

Kuzmina O. M. Expansive organization of external economic activities of economic complex of Crimean region // Uchenye zapiski TNU. Series: Geography, 2001. – Vol. 14. – No. 1. – P. 84-87.

Essence of external economic activities of economic complex of region is considered and role of external economic links in forming of the economic complex of Crimean region is analyzed. Forming of economic-geographical expanse of region under the influence of external economic activities is considered.

Lukianenko E. A. Cave Emine-Bair-Khosar – the new excursion object in the recreational infrastructure of the Crimea // Uchenye zapiski TNU. Series: Geography, 2001. – Vol. 14. – No. 1. – P. 88-92.

The economic and geographical characteristic of the new excursion object in the structure of the Crimean tourist and recreational economic, the cave Emine-Bair-Khosar on the lower plateau of the Chatyrdag mountain is given. The aspects of rational nature usage as well as economic and nature protection of speleological resources are investigated.

Penno M. V. The land-based sources of pollution of seawaters on the South Coast of the Crimea // Uchenye zapiski TNU. Series: Geography, 2001. – Vol. 14. – No. 1. – P. 93-96.

The contribution of land-based sources in the pollution of coastal waters in the South Crimea was analyzed. The dynamics of pollutants coming to marine waters during 1995 – 1999 are considered. The

quantity and quality composition of the river run-off and municipal sewage is determined by the level of pollution of the coastal waters.

Pershina K. D., Aleksashkin I. V., Strizhevskiy A. I., Likhovid E. G. Potential of self-cleaning of natural reservoirs // Uchenye zapiski TNU. Series: Geography, 2001. – Vol. 14. – No. 1. – P. 97-101.

The results of research of peroxide of hydrogen and ions of transitional metals influence on the processes of self-cleaning of natural reservoirs are offered. It was established, that detoxication of dyes of triphenylmetans series is carried out chemical – biologically with participation of hydrogen peroxide.

Prokopov G.A. Ecological and geographical analysis of Guva river (The Southern Coast of Crimea) based on spatial distribution of macrozoobenthos organisms // Uchenye zapiski TNU. Series: Geography, 2001. – Vol. 14. – No. 1. – P. 102-107.

The spatial distribution of macrozoobenthos fauna along the length of Guva river was analysed. The zones of crenal and rhithral with the subzones of epirhithral and metarhithral (according to classification by J. Illies, and L. Botosaneanu) were defined. The impact of anthropogenic factor on the genesis of metharhithral ecosystem is considered.

Prokofiev A.V. Antropogenic landforms in territory of the populated area in the Crimean foothills (on example of Simferopol) // Uchenye zapiski TNU. Series: Geography, 2001. – Vol. 14. – No. 1. – P. 108-112.

The historical features antropogenic landformation on territory of the populated area of the Crimean foothills are considered. The data on volume of material displaced by antropogenic processes are present and antropogenic morphogenesis coefficient of territory Simferopol are calculated.

Samulev A. A. State image as a geopolitical mean // Uchenye zapiski TNU. Series: Geography, 2001. – Vol. 14. – No. 1. – P. 113-116.

The aim of the investigation is to study the model of a state informational image making process. The author offers a graphical scheme of the process and traces the most perspective directions of a state informational image investigation in the field of economical and social geography.

Shian K. A. Problems of recreation infrastructure location // Uchenye zapiski TNU. Series: Geography, 2001. – Vol. 14. – No. 1. – P. 146-149.

Rational location objects of recreation infrastructure is important condition of social-economic result. The recreation infrastructure development can provide great results while using economic recourses more effectively.

Stepovaya O. Yu. Spatial distribution of thermal and water balance elements in landscapes: methods of its assessment with using the GIS // Uchenye zapiski TNU. Series: Geography, 2001. – Vol. 14. – No. 1. – P. 117-120.

The questions of the spatial analysis of the thermal and water balance characteristics are looked into. The opportunities of the analytical block of modules GIS-package PC-RASTER in spatial modeling of snow melt processes and elements, included in it are submitted. The conclusions about heterogeneity of the characteristics of natural processes depending on roughnesses of a terrestrial surface are made.

Tamaychuk A. N. Using of zonal and azonal principles at the World ocean districition before 1950-s // Uchenye zapiski TNU. Series: Geography, 2001. – Vol. 14. – No. 1. – P. 121-125.

Works of division the World ocean, fulfilled during the period before 1950-s, did not decide the problem of its scientific-basis phisiogeographical districition, but allowed to draw a conclusion that achievement of this goal is possible only if to use complex zonal-azonal principle of districition.

Tkachenko T. I. Of exogenic processes development in environmental assessment of region // Uchenye zapiski TNU. Series: Geography, 2001. – Vol. 14. – No. 1. – P. 126-131.

The possibilities of using of legitimacies of a modern exogenic geomorphogenesis are esteemed during ecological-geomorphological evaluations of the region: zonal and azonal processes, separate phases of their operation, concepts «a genotype of processes», «denudation and accumulative processes», role of exogenic

processes in formation of sedimentary stratas, transience of exogenic processes, integral property of exogenic processes morphosculpture.

Torop N. N. The maritime integral economic region as an object of investigation of social and economical geography // Uchenye zapiski TNU. Series: Geography, 2001. – Vol. 14. – No. 1. – P. 132-136.

In the article the comparative analysis of social and economic organizations in a contact zone between sea and land is proposed. Also the detail review of conception of the maritime integral economic region is offered.

Vakhrushev I. B. History of seismotectonic researches of the Crimean-Black Sea region // Uchenye zapiski TNU. Series: Geography, 2001. – Vol. 14. – No. 1. – P. 31-34.

In the article the history of development of a seismogeological method of studying of seismicity of region is considered. The basic stages of its studying are selected.

Voronin I. N., Cheglazova M. G. Socigeographical analysis of unemployment problems in Crimea // Uchenye zapiski TNU. Series: Geography, 2001. – Vol. 14. – No. 1. – P. 38-42.

In the article the territory structure of the Crimean unemployment is described. You can find here the demographic aspects of the unemployment problem of the Crimean regional labor market of transactions, such as female and youth unemployment. The basic measures of social defense are considered.

Vorovka V. P. Place and role of eco-infrastructure in the system of infrastructure // Uchenye zapiski TNU. Series: Geography, 2001. – Vol. 14. – No. 1. – P. 35-37.

In the article the features of infrastructure and its branches, especially eco-infrastructure are considered. Eco-infrastructure should be examined as special object of being.

Yatsentyuk Yu. V. Characteristics of types of city settling landscapes in Ukraine // Uchenye zapiski TNU. Series: Geography, 2001. – Vol. 14. – No. 1. – P. 150-154.

The types of city landscapes in Ukraine are characterized. Strictly anthropogenic landscapes, landscape-technical and landscape-engineering systems are looked through in the territorial structure of this complexes.

Yergina H. I. The research of the process of intensiveness of soil formation in Crimea // Uchenye zapiski TNU. Series: Geography, 2001. – Vol. 14. – No. 1. – P. 47-50.

The article dwells on the rate of formation of the humus horizon of the soils and on the process of the humus formation – the base criteria of the soil-protective systems of the agriculture. It states that the intensity of these processes is different at particular stages of formation of soil profile. The mathematical model of rate change of humus formation in the course of time is given in the article.

Zavalnyuk E. I. Problem of cartographic research of social processes in old-industrial region // Uchenye zapiski TNU. Series: Geography, 2001. – Vol. 14. – No. 1. – P. 55-57.

The methods of social-geographical processes mapping in the conditions of transformation of old-industrial regional economic complex are grounded. Topics for forming the series of maps that shows the changes of social-economic function of Krivoy Rog region and its regional interests are proposed.

Zhukova A. The new approaches to the solution of ecological problems caused by utilization and purification of organic substances // Uchenye zapiski TNU. Series: Geography, 2001. – Vol. 14. – No. 1. – P. 51-54.

In the article the problems of oil, oil-products and organic combinations pollution are described. The application of ecologically safe purification methods of sea waters, surface waters and soils from this kind of pollution is also suggested in it.