
Anotacijos

Abstracts

Galvydytė D., Kavaliauskas P. The problem of deglaciation and geomorphologic regionalization of Lithuania. *Geography. Scientific Journal*. 2003. Vol. 39(2).

The author analyses methodological problems in the sphere of interpretation of deglaciation processes on the Lithuanian territory. Latest innovations introduced by Lithuanian geologists are criticized. Some obvious mistakes in the morphogenetic interpretation and negative circumstances are shown. The geomorphologic backgrounds of the geographical scientific school of Basalykas–Kudaba are defended. The necessity of scientific attention to fundamental geomorphologic research in Lithuania is shown.

References 37. Figs. 6. Lithuanian, summary in English.

Keywords: process of deglaciation, geomorphologic regionalization, relief of Lithuania

Kilkus K. Water balance of Lake Balsys and Lake Gulbinai. *Geography. Scientific Journal*. 2003. Vol. 39(2).

The water balance structure of two glacial tunnel lakes in the surroundings of the Vilnius City has been analyzed. It has been shown that in seeping groundwater is an important source of inflow for both lakes and for Lake Balsys in particular. As follows from the analysis of the data, active interchange between deeper confined groundwater and free groundwater takes place in the Lake Balsys basin.

References 5. Figs. 2. Tables 4. Lithuanian, summary in English.

Keywords: glacial tunnel lake, water balance, in seepage, groundwater

Veteikis D. The problem of technotop distinguishing methodology. *Geography. Scientific Journal*. 2003. Vol. 39(2).

The paper draws on the methodology for distinguishing the technotops (specific complexes of technogenic elements) in Lithuanian landscape. The constituent parts of a technotop and their functional role in the technotop structure are described.

A classification of technotops with regard to their internal structure is presented. Cartoschemes showing the territorial distribution of technotops are included.

References 8. Figs. 3. Table 1. Lithuanian, summary in English.

Keywords: anthropogenic landscape, technogenic landscape elements, technotops

Mačiulytė J. Decollectivisation process in Lithuanian rural space. *Geography. Scientific Journal*. 2003. Vol. 39(2).

Lithuania's return to independence endowed the decollectivization process with a strong symbolic significance, based on the will to revive the family agricultural model which prevailed between the two world wars. The agrarian reform policy intends to gain the conflicting aims: to return land to their former owners, dividing collective assets among the members of collective farms and converting them into new partnerships, allocating plots to workers without land. New social forms of production appeared and their extent is dependent on regional structural legacies.

References 11. Figs. 1. Table 1. Lithuanian, summary in English.

Keywords: Lithuania, decollectivization, agrarian reform, family farm

Krupickaitė D. New tendencies of town system development in Lithuania and other Baltic states. *Geography. Scientific Journal*. 2003. Vol. 39(2).

Based on the rank-size rule, the author analyses changes in the development trends of town systems in the three Baltic states. The first section of the paper is devoted to the newest development trends in the Lithuanian town system and the second (based on the same rule) to a comparison of town system development and new trends in the three Baltic states

References 4. Figs. 5. Tables 3. Lithuanian, summary in English.

Keywords: rank-size rule, town system

Vaitkevičienė J. Usability aspects of aeronautical charts. *Geografija. Scientific Journal*. 2003. Vol. 39(2).

The paper deals with the problem of import of aeronautical charts. It is necessary to create a logical system of signs of aeronautical charts to ensure a safe navigation. Defects of the system of logical cartographical signs worsen the readability and perception of maps.

References 14. Fig. 4. Table 1. Lithuanian, summary in English.

Keywords: aeronautical charts, enroute charts, classification of aeronautical charts, system of signs according to NATO standards.

Švarcaitė I. A system of antierosive methods for hilly morainic territories of the Baltic ridge. *Geography. Scientific Journal*. 2003. Vol. 39(2).

The paper deals with processes of soil erosion and antierosive farming on hilly territories. Antierosive farming is the basis of ecological farming. Antierosive-ecological farming takes priority over traditional farming in Lithuania.

References 19. Figs. 5. Tables 3. Lithuanian, summary in English.

Keywords: hilly morainic territories, antierosive farming, minimal soil tillage, perennial grass, forest belts, soil conservation