

THE ESSENCE AND FUNCTIONS OF CREATING A CARD, CHOOSING A METHOD FOR CREATING A CARD

Yokubov Sherzodbek Shavkat o‘g‘li

Fergana Polytechnic Institute

E-mail: sherzodbekyokubov95@gmail.com

Olimova Durdona Shuhratbek qizi

Fergana Polytechnic Institute

ABSTRACT

This article provides information about the nature and tasks of creating a map, choosing a method for creating a map, scientific and methodological principles of creating a map, and ways of creating maps.

Key words: map, composition, design, event, phenomenon, generalization, nature, scale.

INTRODUCTION

Creating a card means creating its original. Map making is sometimes understood as technical work performed in a cartographic factory. But it was more appropriate to use the phrase map making instead of "map making" for making geological maps. The scientific-methodical principles of creating a card are based on the following:

1. To study the nature and nature of the depicted events and phenomena.
2. Clarify the cartographic image of the features and boundaries between objects and their contents.
3. Selection of cartographic representation methods that perfectly express the nature of objects.

4. Studying events and phenomena and developing generalization methods for them.

5. Identifying the relationship of the object depicted on the card with other natural objects, developing methods of placing special content on the basis of drawing cards[1-6].

In addition, determining the relationship between the components of nature, correctly interpreting the data, and matching cards with different contents are among the methodological principles.

THE MAIN PART

The essence of the depicted object is cartographic resources. it is studied with the help of special literature, large-scale maps, aerial photographs are also used. Before drawing up the map, the described phenomena are divided according to the level of exploration of the territory, the distribution of phenomena in the place is determined. Field data are also used for the development of maps, and maps based on field data are used as a cartographic basis in most places. Availability of resources during mapping. i.e. time, scale, originality, etc. is taken into account[7-11]. The extrapolation method is used for areas with little information, with the help of which the open areas of the card are filled with special content.

Several methods are used to create cards. The most widespread of them is the method of localization, that is, the representation of data in three-dimensional space. Discrete objects are placed on the geographical basis using existing natural boundaries - relief objects, geological structures, hydrogeological networks, etc. By means of the interpolation method, it is possible not only to describe quantitative phenomena, but also to describe discrete phenomena in the field. The many uses of aerial photographs have led to the inclusion of the decoding method as a scientific method of map creation. The next method is the generalization method, which is not only a method of creating cards. but it is considered the main feature of all crows. In the generalization method, the main, important events and phenomena are selected

for the card, they are highlighted, secondary, unnecessary objects are removed from the card. In addition to the above methods, the method of similarity is also used when creating cards[12-20].

Currently, designing and creating maps is one of the main tasks of thematic cartography. cards are created with strings in tune:

1. Direct observation of objects and events in the field.
2. Processing of sources not found in cartographic view using mathematical and other methods.
3. Compilation of maps using statistical and field data using automatic methods.
4. Creating cards with the help of generalization methods using different themed cards, that is, developing cards with new content from one card to another.

In nature mapping, the nature of the area can be described as a whole or a specific natural component or phenomenon of it. In this way, card taking is divided into complex and branch types[21-26]. Carding also varies depending on the scale of the area covered and the series of cards. It includes the development and creation of maps of different levels and regions (from large-scale maps of small regions to small maps of the entire world). The scale of card acquisition is determined based on its purpose:

1. Local - large-scale maps (up to 1:100,000);
2. Regional - medium scale (1:200,000 - 1:500,000);
3. Subglobal - small scale (1:1 000 000 - 10 000 000);
4. Global - 1:10 000 000 and smaller scale[27-33].

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