



COPY RIGHT



2022 IJIEMR. Personal use of this material is permitted. Permission from IJIEMR must be obtained for all other uses, in any current or future media, including reprinting/republishing this material for advertising or promotional purposes, creating new collective works, for resale or redistribution to servers or lists, or reuse of any copyrighted component of this work in other works. No Reprint should be done to this paper, all copy right is authenticated to Paper Authors

IJIEMR Transactions, online available on 29th April 2022.

Link: <https://ijiemr.org/downloads/Volume-11/Issue-04>

DOI: 10.48047/IJIEMR/V11/I04/87

Title **SOME ISSUES OF THE DEVELOPMENT OF MAP AND PLANS BY MODERN METHODS FOR AGRICULTURAL PURPOSES**

Volume 11, Issue 04, Pages 532-534

Paper Authors: *Khusanova Mashkhura Islamovna¹, Khamdamova Dinora Olim qizi², Isakov Muyassar Kamilovich³*



USE THIS BARCODE TO ACCESS YOUR ONLINE PAPER

To Secure Your Paper As Per **UGC Guidelines** We Are Providing A Electronic Bar Code

SOME ISSUES OF THE DEVELOPMENT OF MAP AND PLANS BY MODERN METHODS FOR AGRICULTURAL PURPOSES

Khusanova Mashkhura Islamovna¹, Khamdamova Dinora Olim qizi², Isakov Muyassar Kamilovich³

Teachers of "Geodesy and cartography" chair of Samarkand state architectural and civil engineering institute^{1,2,3}

Abstract: A card is a special image that cannot be replaced by a picture, a table, or pictures. The cartographic image is generalized, i.e. the events and phenomena depicted on the map are summarized, sorted and, of course, selected.

Keywords: Structure, application, purpose, scale and other features of thematic maps.

INTRODUCTION

A card is a special image that cannot be replaced by a picture, a table, or pictures. The cartographic image is generalized, i.e. the events and phenomena depicted on the map are summarized, sorted and, of course, selected. Cartographic generalization generalizes images on a map to help events display and relate events in a unique way.

It is known that another feature of maps is that they describe the position of these objects, their shape and size relative to the surface of the earth's spheroid. In this case, of course, information about the Earth will be available on the maps.

Therefore, they say that maps show generalized images of events in nature and society in relation to the earthly sphere. They describe events in nature and society (geographical elements, branches of the economy, political events, etc.).

Land in Uzbekistan is an integral part of the unified system of state cadastres and consists of a system of updated information and

documents on the geographical location, legal status, quantity, quality characteristics and price of a natural, economic object or other object of the state cadastre. To demonstrate these indicators, large-scale cadastral maps and plans need to be developed.

Large-scale cadastral maps and plans are nationwide maps that serve to meet the needs of the national economy, maintain the state cadastre system and display cadastral information in a specific geographical area at a specific time.

The content of cadastral maps of the same subject and the same scale, the designations and legends used will be common. Cadastral maps are regularly updated.

Cadastral maps not only provide natural and socio-economic resources, georeferencing events and phenomena, but also describe their quantitative and qualitative indicators in absolute terms, based on new data at a given time based on cartographic designations.

Cadastral maps and plans, i.e. thematic, thematic maps in terms of structure, application,

purpose, scale and other features, are designed and drawn up as follows and should be focused on students:

Ensuring the needs of the State Service for Geodesy and Cartography of the National Economy on the basis of the master plan;

Organizations in the field of thematic mapping solve the tasks facing them in a particular field of science and the national economy.

As a general scientific and methodological basis for the design of thematic maps, it is advisable to use special scientific and mathematical methods, approaches to the complex and systematic representation of objects, modeling methods [2].

Land is the main wealth of society. Therefore, scientifically substantiated, effective use of all lands, their protection and improvement of soil fertility is a universal task.

In the process of realizing these tasks and goals, improving the well-being of the people, all specialists, including specialists in the field of geodesy, cartography and cadastre, are faced with the creation of large-scale high-precision maps, on the basis of which special agricultural maps can be created.

Organizations and enterprises under the State Committee for Geodesy and Cadastre of the Republic of Uzbekistan are working on the creation and publication of all maps, including agricultural ones. In our opinion [1], the following tasks can be set for agricultural maps and plans used in the development of agriculture: meet the use of agricultural workers with complete maps and plans; first large-scale soil maps (with recommendations), organizing large-scale land use, crop and cadastral mapping; develop a method for generalizing special content to expand the content of the

cards; conduct research on the use of maps and plans; A lot of work on the development of maps of agricultural education and propaganda of various content; creation of production maps of farms, new types of regional maps; deployment of work on the application of new generations of agricultural maps, modern methods of mapping [3] at the district level; To speed up work on the development of agricultural maps, plans and atlases of regions and farms; We consider it expedient to improve the technology of card production and improve their quality.

Literature:

1. Mirzaliev T., Musaev I. Cartography, T., Ilm Ziyoy, 2007, -160 p.
2. Berlyant A.M. Cartographic method of research. - M: MGU, 1988. -254 p.
3. Mirziyoev Sh.M. Together we will build a free and prosperous democratic state of Uzbekistan. - T.: Uzbekistan, 2016. - 56 p.
4. Mirziyoev Sh.M. Critical analysis should be a strict rule of discipline and personal responsibility - the daily rule of every leader. - T.: Uzbekistan, 2017. - 104 p.
5. Piskunov M.E Methodology of geodetic observations of deformations structures. 3rd edition with additions and changes M "Nedra", 2001.178-c