

Cartosemiotic analysis of ecological atlases

Wolodtschenko Alexander
Institute for Cartography of the Dresden University of Technology
alexander.wolodtschenko@tu-dresden.de
Alemania

Questions of the information-structural properties and modular features of cartosemiotic models (maps, atlases etc.) have a special place in modern cartosemiotics and cartography.

As part of our project, a cartosemiotic analysis of selected analogous ecological atlases and maps was executed. The methodics of research was based on followings selected cartosemiotic models and moduls:

- one ecological atlas
- one ecological map
- several ecological atlases
- several ecological maps
- legends of ecological maps
- contents of ecological maps

The study was carried out as research project, conducted in the Institute of Cartography and Geomediotechnics (Dresden, German) and Institute of Water and Environmental Problems, (Barnaul, Russia) at the time period of the 2004-2007.

The results of the study were published as series of articles in the collections of scientific papers and in monograph "Cartosemiotic analysis of the ecological atlases" (Dresden / Barnaul 2008). The monograph include following thematic parts:

- atals cartography and atlas cartosemiotics
- atlas as cartosemiotic model
- cartosemitoc methodics of research of the ecological atlases
- ecological atlases and semiotic meta-variables.

In the poster is described and demonstrated the accumulated experience of the theoretical and methodical cartosemiotic study concerning analogous ecological atlases and maps. This study is one of the important directions of applied cartosemiotics. It is a new and interesting but still has not developed part of cartographic semiotics.