

INTEGRATION OF CLIMBING DATABASES WITH THE STATE MAP SERIES

Abstract

This thesis is about the role of integration of climbing databases with the state map series and vice versa. It is based on the web climbing databases of rocks and state topographic databases Geonames and ZABAGED®. This thesis was created with the help of software tools *Oracle SQL Developer* and *ArcGIS for Desktop*. At first, basic terms are explained and a method for integration of data into climbing databases is described and tested. Subsequently, means for completion of coordinates from publicly available sources is described. At last, the process of using climbing data in topographic databases is designed.

key words

rocks, climbing, topographic database, ZABAGED®, Geonames