

Geoprocessing services in internet environment from view of ArcGIS

Abstract

The aim of this work was explore problems creating geoprocessing services in software of firm ESRI. In first section of bachalors work was pursued literature search, that is engaged in geoprocessing services. It's introduced summary projects and use cases, that implement geoprocessing services in spatial data infrastructure. It's solving in the work creation geoprocessnig services in environments of products firm ESRI. With use ArcGIS server is created map and geoprocessing service. With use ArcGIS JavaScript API is incorporated this services to web site.

Key words: geoprocessing, web services, ArcGIS, JavaScript API, WPS