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[5]   ,   ,   .   [M].   :   ,
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Experience on the Geological Engineering Survey in Guinea Bauxite Exploration
by LI Baojie

Abstract Exploration for bauxite in Guinea is a large survey area, short period, lack of available information, and other adverse conditions.The paper summaried the methods,experience and skills of the coordinate system choice, control network,topographic mapping,engineering survey etc. in its geological exploration.
Key words GPS-net, topographic survey, geological engineering survey
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Quality Control Research on the Highway GPS Survey   by DU Xin

Abstract Highway Surveying work is the basis of highway engineering design, control, measurement and measure their quality on the highway played a decisive role. This paper described the road when the GPS control survey prone to problems, analyzed the cause of the error, put forward specific measures to ensure the quality of measurements, GPS control survey of the future highway has a guiding role.
Key words standard , coordinate system , GPS adjustment quality control and inspection
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Cross-section Morphology Analysis of the Yangtze River
by WANG Yan

Abstract Extracting different historical period cross-sections at different locations could capture river flushes and siltation   This paper achieved creating DEM by the river point data through the Spline interpolation, extracting the cross section lines by using the ISurface interface to generate sections, implementing flushes and siltation analysis by copulating the cross-sections' areas. The shape of cross-sections, extracted at different locations in the Yangtze River, according to the actual style of river potential evolution, react the river situation very well.
Key words cross-section ArcEngine cross-section analysis
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Subsidence Monitoring Methods and Data Processing of Guangzhou Metro
by LIU Jianting

Abstract The ground subsidence observation is the most important thing for the safety of subway construction. The surveying data can evaluate the construction impact on the ground surface and the environment. The topics discussed in this paper included the method of subsidence observation used in Guangzhou subway construction , the data processing of subsidence observation and the deformation analysis for ground and buildings affected by the mentioned construction. The paper also gave a way to forecast the deformation value.
Key words subsidence observation , DSZ precise level , data processing, statistical analysis
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MapGIS Second Development to Solve the Second Survey of Ownership Knee Moving Problems
by HE Qiuhua

Abstract This paper instructed using Visual Basic(VB) 6.0 based on MapGIS-SDK 6.7 to do second development to develop more suitable function for the instruction of the second survey database, which to make up for the shortage of the second Survey software in the instruction of database.
Key words second development , second survey , ownership
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Teaching and Practice Reform of "Quantitative Remote Sensing" Courseby
CHEN Jian

Abstract According to the development characteristics of remote sensing professional and the specific situation of students in universities, this paper analysised quantitative remote sensing course based on the current situation to determine the course teaching outline and content . The teaching methods and means in practice of the course were summarized and discussed so that the course was adopt to China's remote sensing science and technology development and personnel training needs.
Key words quantitative remote sensing course, multimedia, heuristic teaching, project-based teaching
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Discussion on the Construction of GIS Practice Base under University-Industry Cooperation for Local Colleges
by ZHENG Chunyan

Abstract CEEUSRO is an important way to training GIS applied talents. Taken Jiaying University as an example, the paper analyzed the existing training modes of GIS talents based on CEEUSRO for local colleges. Aiming at these main problems for local colleges to establish practice base, some improvement measures were proposed.
Key words CEEUSRO practice base GIS local colleges training mode
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Construction and Research of Map Website of Hubei Province
by LI Yongfeng

Abstract Map Website of Hubei Province provides a map service platform for public, and it is a promotion version based on the original dynamic electronic Map Website of Hubei Province. In this paper, the construction and research of Hubei Map Website was introduced. And we mainly discussed system function, system architecture and key technology of this website. In the end, we made an analysis and summarize of status and development for Hubei Map Website.
Key words Hubei Map Website, electronic map, tile, map publish, geographic information platform
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South Tibet Toponym Proving National Ascription of Monba and Lhoba
by LIAO Xiaoyun

Abstract After author conducted filler research on south Tibet toponyms in the Map of China and raised the number of south Tibet toponyms on map from the original 9 to 36, according to the characteristic that the names of Lhoba and Monba coinciding with the toponyms of residence, and the Lhoba language meaning of south Tibet toponym ' Pasighat' coinciding with the Tibet meaning of Sichuan toponym 'Zhaxika', we demonstrated the close connection between the two national minorities and mainland together with south Tibet in cultural geography, and further explained people of Lhoba and Monba living in the south Tibet areas for generations are not trans-border ethnic people in this paper.
Key words south Tibet , toponym , Monba , Lhoba , ascription
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Characteristics of Compilation of Atlas of Fujian Provincial Administrative Dicisions
by DAI Jiping

Abstract Material usage,content selection and symbol and color design of Atlas of Fujian Provincial Administrative were discussed and analyzed in this paper, which can stress the subject of administrative divisions.
Key words administrative divisions features symbol
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Implementation of User Information Custom Service in Personalized Electronic Map
by FAN Baomei

Abstract The paper described key technologies and implementation methods of user information custom service in electronic map in details, from the aspect of information classification, data mining and map marker adding, and designed and realized the function modules in implements.
Key words personalization, electronic map, information custom
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Design and Compliation of Henan Province City-County Administrative Bounary Atlas
by YANG Xiaochao

Abstract The Altas of County-city Boundary in Henan Province contains zonal maps based on materials of administrative boudnary survey agreement (attached maps, aggrements, and boundary post coordinates). This paper introduced basic layouts, contents and features of this altas which was followed by technical flow and requirements. We also discussed major technical problems in the map compilation. The importantance of this work was summarzied as well.
Key words administrative regions at city-county level,   detailed boundary altas, zonal toplogical maps, printing
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Design and Implemention of Web Thematic Atlas Based on XML
by ZENG Xingguo

Abstract Thematic atlas is a collection of relative maps which reflect the statistic data about natural resources,social economy,develop planning etc of a specific area. Publishing thematic atlas in web Environment will acquaint the masses get more information from the thematic atlas services, which means a lot. However, there existed some problems in online thematic atlas such as the organization of structure,the representation of maps, and the retardation of thematic data update. To solve these problems, this paper created the concept of dynamic online atlas, taking use of the technology as xml, experts designing,real time map producing and the result is approved by experiment.
Key words thematic atlas, thematic map update, experts design, online dynamic atlas, online map representation
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