

当代世界地质调查工作发展趋势

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摘要: 20世纪80年代以来, 经济全球化的发展、高新技术的广泛应用、世界人口的迅速增长和环境问题的日益严峻, 对地质调查工作产生了巨大的冲击, 地质调查的驱动机制、主要任务和工作内容、技术手段、服务意识等都发生了很大的变化。总体趋势为: 需求驱动——地质调查工作的驱动机制由传统的供给驱动型向需求驱动型转变; 领域拓宽——地质调查的研究领域不断拓展, 从以寻找、发现矿产资源为主的矿产资源型转变为兼顾资源与环境保护、灾害减轻的资源与环境并重的社会型; 技术先导——地质调查的技术手段发生了根本性变化, 地质调查传统的“老三件”正逐渐被“新三件”所替代; 服务优先——地质调查的服务意识不断增强。

关键词: 地质调查; 发展趋势; 世界

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Current trends in geological survey of the world

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Abstract: Since the 1980s, the development of economic globalization, wide application of high and new techniques, rapid growth of the world's population and gradual seriousness of environmental issues have had a great impact on geological survey and great changes have taken place in the driving mechanism, main tasks and work contents, technical means and service consciousness of geological survey. The general trends are as follows: demand-driven: the driving mechanism of geological survey changes from the traditional supply-driven type to demand-driven type; area broadening: the research area of geological survey is continuously broadening and has changed from the mineral resource type (whose main task is mainly to look for and find mineral resources) to the social type (which is characterized by paying attention to both resources and environment, i.e. also paying attention to resource and environmental protection and hazard reduction, while looking for and finding mineral resources); technique leading: radical changes have taken place in technical means of geological survey, e.g. the traditional "three tools" used in geological survey are gradually replaced by new "three tools"; service first: service consciousness is being enhanced steadily.

Key words: geological survey; trend; world