

地质遗产科学价值的突出性与普遍性评价流程及方法研究

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引用本文: 许涛,孙洪艳,田明中.2011.地质遗产科学价值的突出性与普遍性评价流程及方法研究[J].地球学报,32(5):623-631.

DOI: 10.3975/cagsb.2011.05.12

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基金项目:教育部人文社会科学研究项目基金(编号: 08JC630081); 中国地质大学(北京)中央高校基本科研业务费专项资金(编号: 200902)

中文摘要:地质遗产的科学价值大小是申报国家地质公园或者世界地质公园最根本的依据之一,也是地质公园得以存在和保护的基础。随着全球地质公园建设的快速发展,地质遗产科学价值的突出性与普遍性评价成为国内外学者与地质公园建设者逐渐关注的焦点。本文根据世界地质公园和国家地质公园的申报要求和国际、国内价值评价的方法,针对目前地质遗产科学价值评价存在的问题,构建了地质遗产科学价值突出性与普遍性评价的流程。研究认为,地质遗产科学价值的评价步骤应该包括四个方面,即:地质遗产科学品质识别、地质遗产科学价值比较与阐释、地质遗产科学价值普遍性评价及地质遗产科学价值突出性评价。同时,详细提出了在不同评价阶段适用的评价标准。本文希望通过建立科学的具有可操作性的程序和方法,为得出地质遗产科学价值的客观性、准确性结论建立基础,为地质遗产申报世界地质公园、世界自然遗产地及保护利用提供理论依据。

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A Study of Assessment Procedures and Methods of Outstanding Universal Scientific Value of Geological Heritage

Abstract:The scientific value of geological heritage acts as one of the fundamental bases for application for the national or world geological park as well as the preservation maintaining of the geological park. With the rapid development of geological parks all over the world, the scholars and constructors of geological parks in China and abroad gradually turn their attentions to the assessment of outstanding universal scientific value of geological heritage. In terms of the requirements of applying for a national or world geological park and the assessment of its value in China and abroad, This paper deals with the problems concerning assessing the scientific value of geological heritage a establishing detailed procedures and methods for assessing the outstanding universal scientific value of geological heritage. Assessment procedures and methods of outstanding universal scientific value of geological heritage should consist of four aspects, i.e., identification of scientific characteristics, comparison and explanation of scientific values, assessment of universal scientific values and assessment of outstanding scientific values. The detailed assessment criteria for each of the four aspects are dealt with in this paper. The authors hope to formulate scientifically feasible procedure and method and, furthermore, provide a basis for reaching the objectivity and accuracy of scientific value of geological heritage as well as offer theoretical references to applying for world geological park or world natural heritage, thus preserving and utilizing the geological heritage.