

## 中国科学院地理科学与资源研究所

Institute of Geographic Sciences and Natural Resources Research, CAS

**English** 

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Advances in applied studies of fractal theory in geography in China

作者: QIN Yaochen LIU Kai

The fractal theory put forward by American mathematician B B Mandelbrot (1967) supplies an effective approach to solv e complex problems. The complex problems in geography have become the main positive study field of fractal theory. Ba sed on the works of China's geographers and the summarization of contents of fractal theory, the authors comment on the present situation of its applications to almost every branch of geography and discuss the related problems and the prospects of fractal study in geography.

Paper (PDF)

关键词: fractal theory; fractal dimension; geography; advance; China