

## **A Study of Geospatial Data Processing Based on Cloud Computing**

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**Abstract**— The need for global distribution of geospatial data and their fast distribution and remotely sensed imagery data which requires a lot of computation power is Incontrovertible. Nowadays cloud computing is one of the hot topics and popular information technology solution for data processing , it enables users to process huge amount of information without having their own computing power , so it could also be a good choice for geospatial data processing as well. This paper researches how the cloud computing can improve geospatial data processing with comparing their advantages and disadvantages and discussing cloud computing features.

**Keywords**— Remote Sensing, Cloud Computing, Geospatial Data Processing