

Remote sensing monitoring and quantizing the feature information of China's coastal zone based on small satellite data products

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Beijing-1 small satellite data (DMC+4) is of the features of wide range, high spatial resolution and high temporal resolution. Firstly we simply introduce multi-level of products and qualities for the satellite data. Following we detailedly describe remote sensing monitoring and application of these products for China's coastal zone. Based on the realization of beach information and its differentiating on coastal zone, we put forward fast information extraction methods for change detection and object recognition of coastal zone. Quantizing high-resolution RS information on coastal zone proved to be of great scientific and practical significance for coastal development and management.