



GeoSpatial Visual Analytics

Geographical Information Processing and
Visual Analytics for Environmental Security

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GeoSpatial Visual Analytics

Geographical Information Processing and Visual Analytics for Environmental Security

The extremely wide range of often multidimensional environmental information made available at the global scale poses a great challenge to technologists and scientists and intelligence specialists, to find extremely sophisticated yet effective ways to provide access to very relevant data patterns within such a vast and highly dynamic information flow. In the past years the domain of 3D scientific visualization has tried to provide a viable solution to operators willing to gain insight into the simulation results in a way that eases understanding of an evolving phenomenon. However 3D data visualization alone does not provide model and hypothesis-making and validation. In order to answer to this issue, in recent years research trends have brought to an effective combination of data mining and information visualization, often referred to as Visual Analytics (VA). The main goal of this volume is to pin-point critical issues, to define a priority list to be addressed by the research agenda as well as to put forward recommendations and guidelines. The resulting volume tackles a wide range of application domains, all relevant to environmental security, it highlights current industrial trends, technological requirements and, last but not least,... *more on <http://springer.com/978-90-481-2897-6>*

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