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EARTH EXPLORATION FROM DATA SPACE : THE FIVE DIMENSIONS INCOMING

Abstract

The Earth exploration from data Space combined with the data ground provide a new dimension to understand Earth efficiently. It depends on the sensors sensibility and the matters properties in the way to simulate Earth functionalities. Thanks to the cyber techniques, the simulation can be a method to catch up the Earth mechanisms. First, The networks should be considered as its own geographic system if we consider, once more, that's the data linked to this network system describes a reality. Then, the model analysis studies the data properties and the networks of digital system between the ground and Space assets. Both of them open some breaches to penetrate the complex process on duty on Earth. And data Space is a key parameter to fill cyber chain from Space to the ground. This approach reinforces the research from Space for the application of geo-engineering to maintain a favourable climat conditions for business and to anticipate the imbalances incoming for the human specy survival on the ground and the dangers from deep Space.