

## **BIG DATA PROCESSING FOR SPATIAL DATA INFORMATION**

Big Data processing approach to manage large datasets of geospatial data from different thematic areas

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**RESUMEN:** This talk intends to be a starting point for the discussion of how to approach the treatment of large volumes of information from a practical point of view.

The management of large amounts of information from various origins is a very complicated task for which new tools have emerged, as it is the case of Big Data.

Prior to the use of these tools, it is necessary to categorize, prepare and present the information in an appropriate way for Big Data processing.

This preparation is proposed to be done with a series of multi-scale cells at different levels that allow assigning to each of them a series of values for further processing by Big Data tools.

Thus, this talk will present the methodology and approach in architecture to solve the management of large amounts of spatial information with Big Data tools.

**PALABRAS CLAVE:** Spatial Data, Big Data, Hadoop