

# WORKSHOP

# BIG & DATA ENVIRONMENT

Buenos Aires, 10-13 November 2015

## *Seizing the Data Deluge in Environmental Sciences*

### Context

Like most sciences, **Environmental Sciences** have experienced a data deluge during the recent past with the explosion in the amount of data produced by sensors and models that monitor, measure and forecast the Earth system. This exponential trend in data availability is expected to continue in the future thereby creating many new opportunities, needs and challenges. On the other hand, **Big Data** has emerged as a wide multidisciplinary dynamic which addresses challenges associated to large and complex data and encompasses diverse fields in **Mathematics** and **Computer Science**.

The workshop will gather researchers that have an expertise in one of the two areas and some interest for the other. Its main goal is to explore the fruitful interplay between the two areas, and ultimately to help create new connections and collaborations between the scientific communities involved. Themes as diverse as spatial statistics, renewable energies, stochastic modeling, data assimilation, machine learning, remote sensing, data visualization among others are welcome.

### Registration

Researchers and students who are considering attending the workshop are encouraged to fill out the registration form as soon as possible, available at <http://www.cima.fcen.uba.ar/BDE/>.

### Organizing Committee

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