



UNIVERSITY OF THE AEGEAN
SCHOOL OF ENVIRONMENT



EarthBiAs2017

International Summer School on Big Data Analysis in Earth Sciences

FIRST CIRCULAR

Organised by: the Department of Environment, University of the Aegean, in collaboration with the Department of Information and Communication Systems Engineering, and the Global Network for Environmental Science and Technology (GNEST)

EarthBiAs2017 Rhodes Island, Greece, 28 August-01 September 2017

<https://summer-schools.aegean.gr/EarthBiAs2017>

EarthBiAs 2017 Summer School program provides a unique opportunity for participants to interact with a group of scientists from distinguished international institutions and work on big-data methods and tools. Issues related to real environmental applications will be addressed with the use of Data Analysis, Information Technology and Mathematics. Emphasis will be given to practical applications and ICT tools that aid analysts towards gaining useful knowledge on the potential of their data. Participants will join forces in order to implement a real-world big data analysis project in order to develop and strengthen their Data Scientist skillset.

The topics covered by the Summer School are:

- Understanding the specific characteristics of Big Data
- Database Systems
- Analysis of multi- dimensional data
- Data and Web Mining
- Machine learning and AI
- Mathematical models for data mining
- Data management and analysis
- New technologies and software
- Application of all the above in simulation examples of different environmental systems

For more info please visit the EarthBiAs2017 website for completing the [registration form](https://summer-schools.aegean.gr/EarthBiAs2017)

Venue

University of the Aegean, School of Humanities,
Rhodes, Greece

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Earth Sciences 2017**

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Rhodes Island, Greece

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