

4th International Summer School on Big Data Analysis in Earth Sciences

EarthBiAs2018

3rd to 7th September 2018,
Rhodes island, Greece

EarthBiAs2018 is organised by the [Department of Environment](#) and the [Department of Information and Communication Systems Engineering](#) of the [University of the Aegean](#), in collaboration with [Global Network for Environmental Science and Technology \(GNEST\)](#). It is an international Summer School on [Big Data Analysis in Earth Sciences](#) and will be held in Rhodes from 3rd to 7th September 2018.

This is the 4th year the EarthBiAs Summer School is running and following the successful events in previous years, the programme covers a wide range of topics including Machine Learning, Data Science and Deep Learning using Big Data technologies. Courses are offered for participants with a background in mathematics, statistics, data science, software engineering, environmental modelling etc. All lectures are lab-based, presented by academics and industry professionals with deep experience in Big Data and Artificial Intelligence systems. The last day of the Summer-School, a hackathon event will be organised. In this challenge, participants and lecturers will be split into teams to prototype the solution of an analytical problem.

The topics covered by the Summer School are:

- Big Data frameworks (Spark, TensorFlow)
- Machine Learning on environmental data
- Data management and feature engineering using R and Python
- Deep Learning models on environmental time series data

Please visit the [EarthBiAs2018 website](#) for completing the [application form](#)

Venue

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

International Summer School on Big Data Analysis in Earth Sciences 2018

[EarthBiAs2018](#) , 3 to 7 September 2018

Rhodes Island, Greece

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