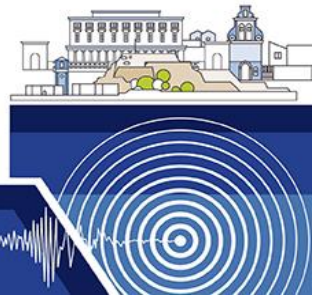


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## Session 07

### Multidisciplinary studies using solid Earth science data: Challenges and new perspectives

Conveners:

**Jan Michalek<sup>1</sup>, Anastasia Kiratzi<sup>2</sup>**

<sup>1</sup>Department of Earth Science, University of Bergen, Bergen, Norway

<sup>2</sup>Faculty of Sciences, Department of Geophysics, Aristotle University of Thessaloniki, Thessaloniki, Greece

With rapid advancements in data acquisition technologies and the availability of relatively inexpensive computing resources, the last decades saw a revolution in the way scientists access and handle data. As a result, traditional boundaries between disciplines are fading, giving rise to a dynamic synergy between different fields of study and enabling new scientific use cases that are inter- and trans-disciplinary by design. In this session we intend to explore scientific use cases that rely on a data-first approach, combining data from different disciplines in solid Earth Sciences, and possibly related ones, with the objective of creating new knowledge or defining new ways to approach a problem. In building the EPOS infrastructure together with the scientific communities we experienced first-hand the growing need for this kind of approach, and believe it will have a pivotal role in shaping the future of the geoscientific disciplines and in tackling major scientific and societal problems. The session is hence designed to naturally focus on multi- and interdisciplinary contributions.

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