

Natural and Man-Made Hazards

Monitoring by the Earth Observation Missions: Current Status and Scientific Gaps



Conveners

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The Sentinel missions of the COPERNICUS Programme of the European Union, as well as other Earth Observation missions, provide new opportunity for systematic monitoring of natural and man-made hazards and disasters that can highly impact human societies.

The Workshop will address a broad range of hazards observable from space, including earthquakes, volcanic hazards, extreme events (e.g., storm surges, floods, droughts), fires, pollutions, tipping points in physical and biological systems, etc., and discuss how space observations can improve our understanding of the driving mechanisms and their mutual interactions. Some focus will be given on the expected added-value information obtained by combining different types of space-based and in situ observations as well as model results.