



EO Research Funding Opportunities for the Scientific Exploitation of the Sentinel Missions at the European Commission and at the European Space Agency

Michael Berger

EC DG RTD, I.4 Climate Action and Earth Observation

The Sentinel missions are primarily designed to provide routine observations for operational services. However, considering their instrumentations with different spectral and spatial resolutions, the global coverage with high revisit times, and the long-term operational commitments, the Sentinel missions are also very attractive for studying and monitoring processes relevant for various scientific disciplines with time-scales spanning decades. Furthermore, the uptake of the data stream by the science communities is considered essential for improving existing services and/or developing new services, and thus supporting the evolution of the overall system. Consequently, the need for accompanying scientific exploitation programmes is well recognized by funding agencies. Appropriate coordination mechanisms are under discussion.

The communication is intended to outline EO research funding opportunities for the scientific exploitation of the Sentinel missions through research programmes at the European Commission and the European Space Agency.