
Sessão Especial: O Impacto do Programa Copernicus nos Serviços de Observação da Terra (*The Impact of Copernicus Program on Earth Observation Services*)

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Copernicus is a European system for monitoring the Earth and consists of a complex set of systems which collect data from multiple sources: earth observation satellites and in situ sensors. As such, the Copernicus Programme has been conceived to deliver Earth Observation services based on value-added information. These services are focused on land, marine and atmosphere monitoring, and include other cross-cutting services, such as emergency management, security and climate change. A total of eight Sentinel satellites will be in orbit by the end of 2020, these are expected to provide most of the data needed by the Copernicus services. In addition to Copernicus, the Horizon 2020 programme will focus on more long-term research and development issues to prepare and will provide research grants to the research community. This Special Session will present an overview of Copernicus, its current status and is intended to provide a forum to help the Brazilian Earth Observation community to engage in Copernicus and to participate in Horizon 2020 as active users.

Hora	Título das Palestras	Apresentador
09:00	Opening	Dr. Douglas Francisco Marcolino Gherardi (INPE)
09:10	Copernicus: The European Earth Observation Programme Current Status	Dr. Reinhard Schulte-Braucks (Head Copernicus Infrastructures)
09:30	Access to Sentinel Data – Ground segment	Dr. Simon Jutz (ESA – Head Copernicus Office)
10:00	Copernicus Earth Observation Services	Dr. Peter Breger (Copernicus Services)
10:30	Horizon 2020: Space Research and Earth Observation Opportunities for Brazilian Researchers	Dr. Astrid-Christina Koch (Copernicus Infrastructures)
11:00	Activities of the European Commission's Joint Research Centre (JRC) on Earth observation with Brazil	Dr. Bettina Baruth, (European Commission's Joint Research Centre)
11:30	Discussions	