



Object: CoreTrustSeal certification of OSUPS Data Center (IDOC data).

Paris, 5 May 2022

Dear Madam, Dear Sir,

The INSU¹ of the CNRS² has certified IDOC, the Data Center of Paris-Saclay OSU (Observatory of Earth Sciences and Astronomy), as an INSU Regional Center of Expertise (CER).

The INSU certified data centers provide data, tools or services in order to bring together or cross-reference information from different production sources³. The INSU CERs ensure the development and operational maintenance of National Observation Services (SNO)⁴ in astronomy and astrophysics. The SNOs, which are certified by INSU, are intended to provide a service to the scientific community for the production and access to data. SNOs and OSUs are required to implement the necessary processes for sharing data and metadata, with no retention requirements. Criteria for certification of SNOs include the sustainability of the service provided to the community, the adequacy of human and material resources dedicated to the service, and the scientific and technical management.

The SNOs presently coordinated by the Data Center of Paris-Saclay OSU (IDOC) include:

- MEDOC, which provides spatial solar and stellar physics data with a set of high-performance services and tools,
- DustEM, which offers tools to model the emission of interstellar dust in our Galaxy and in outer galaxies,
- L3S (Large Scale Structure Services), which provides long wavelength data from different space instruments and associated tools for processing and dissemination,
- PSuP (Planetary Surface Portal), a planetary surface data-processing center coupled with a data dissemination and visualization center (with shared responsibility with the Lyon OSU).

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<https://www.insu.cnrs.fr/fr/Insu>

² Centre National de la Recherche Scientifique (National Center for Scientific Research)

³ <https://www.insu.cnrs.fr/fr/les-centres-et-poles-de-donnees>

⁴ <https://www.insu.cnrs.fr/fr/les-services-nationaux-dobservation>