

Matteo Mergè 1,2

1 INFN, Sezione Roma Tor Vergata, I-00133, Rome, Italy
2 Agenzia Spaziale Italiana, Space Science Data Center, I-00133, Rome, Italy

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CSES-LIMADOU data processing at ASI-SSDC

What is this contribution about?

We present data processing and storage for CSES-LIMADOU mission at Italian Space Agency - Space Science Data Center.

What is relevant/interesting?

A full catalog of all satellite payload data encompassing Electric Field, Magnetic Field, Plasma, Charged particles and more for the study of Ionosphere, Magnetosphere and Lithosphere coupling during seismic events.

What have we done?

Development of hardware, software for data handling and processing (HEPD-01) of all CSES-01 payloads. Development of processing pipeline and bookkeeping databases.

What is the result?

A website accessible at ASI-SSDC webpage with all available CSES-01 data for the scientific community where to search and download data of multiple satellite payloads.