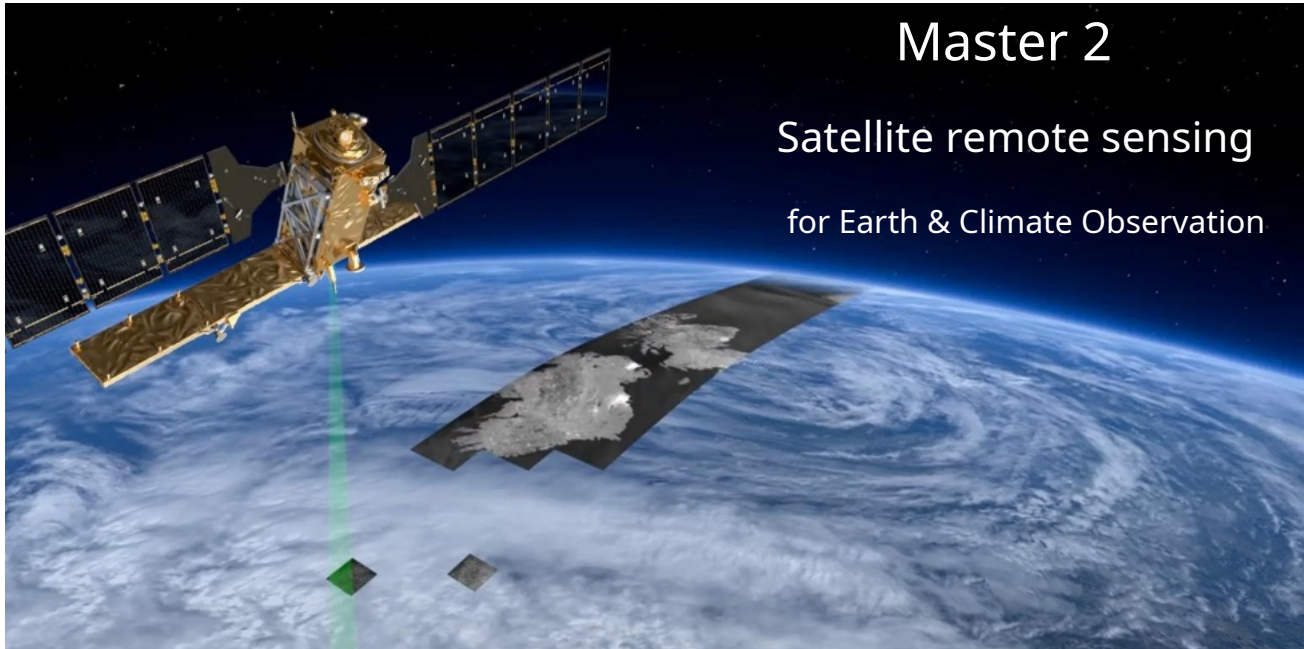




Master 2

Satellite remote sensing

for Earth & Climate Observation



More info here



https://paris-remote-sensing-master.fr

Master's Program Coordinators

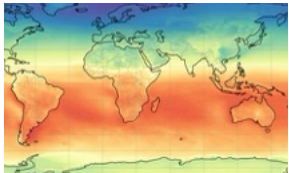
Victor Pellet
Hélène Chepfer
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Sorbonne Université
Paris Cité

Application:

- Online via the Sorbonne University website or the e-candidat app
- International students must apply for registration on <http://www.campusfrance.org>



- Satellites
- Climate
- Physics
- Data Science

Courses

Semester 1	Common core courses - Electromagnetic radiation - Radiometry and Active Remote Sensing - Radiative transfer in the atmosphere and ocean - Data Science & AI - Orbitography - Numerical modeling for Remote Sensing
	Choose 2 from 5 - Remote sensing of planetary surfaces - Energetics of the climate system - Clouds and aerosols - Atmospheric chemistry and air quality - Remote sensing of the hydrosphere and cryosphere with geodesy and gravimetry - Remote sensing of tectonic and volcanic deformation
Semester 2	Image processing
	- Practical work - Internships (4 to 6 months) - Seminars

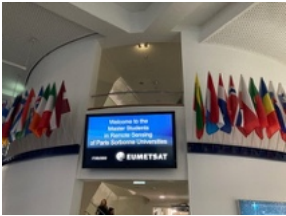
Partner laboratories

Master's students complete a full-time research internship lasting four to six months. Examples of host research laboratories:
LMD, LOCEAN, LATMOS, IPGP, ONERA, LSCE, LERMA, CESBIO, CNES, ESA etc.

Some internships are done with companies with industrial companies such as **CapGemini, Fugro, Nexter Systems**, etc.

Networking with Experts in the Field

In addition to courses and practical work, each year students discover the most renowned centers in the space field and exchange ideas with experts in the field to enrich their knowledge and acquire practical skills.

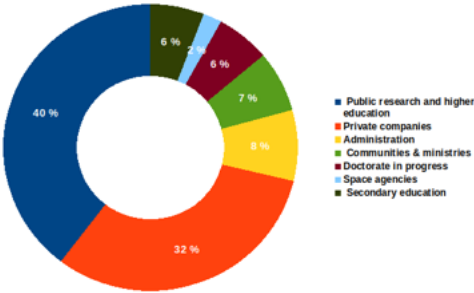


Visits in 2024

- European Space Research Institute (ESRIN) at Frascati, ESA Rome, Italy
- Haute-Provence Observatory (OHP), Alpes-de-Haute-Provence, France
- European Meteorological Satellite Agency, EUMETSAT, Darmstadt, Germany
- ESA's European Space Operations Center, ESOC, Darmstadt, Germany

What comes after the Master's ?

Students graduating from the Master's program have the opportunity to pursue their research in the academic world or join the private sector directly.



According to the Alumni Tracking Survey (1984-2024)