

PRESS RELEASE

Paris-Saclay, 13 January 2021

**Université Paris-Saclay publishes an open access e-book on the
“challenges of the ecological transition”**

Université Paris-Saclay has published an open access, free e-book on the “challenges of the ecological transition”. The book is a collaborative work, written by more than 40 researchers and lecturers from all disciplines at the University.

The e-book, available in French, is aimed at the University’s students and the public who are interested in gaining a better understanding of major global environmental challenges.

Over forty researchers and lecturers from all disciplines at the University (including natural sciences, human and social sciences, law, economy, agronomy and medicine) came together to create the e-book, with the support of the department for libraries, information and Open Science.

What are the mechanisms and consequences of global warming and biodiversity loss? How are they linked to our lifestyles and consumption patterns? With numerous illustrations, the e-book offers a cross-disciplinary perspective on our planet’s global environmental changes.

The e-book is divided into four key parts. Opening with a historical perspective on climate and biodiversity changes, the first three parts demonstrate the growing impact of humanity on the Earth’s flows of energy and matter and on the evolutionary trajectories of living organisms. This impact determines in turn the survival of our societies and the world as we know it.

The fourth and final part of the work provides a framework for thought on a transition towards sustainable development. This transition can be an opportunity to rethink the way we produce, work, consume and travel, whilst aiming for social fairness and peaceful coexistence on Earth.

The e-book is part of the continuity of online teaching via the SPOC (Small Private Online Course), which was launched at the start of the 2020-2021 academic year for several thousand undergraduate students from all disciplines at Université Paris-Saclay.

References

Jean-Michel LOURTIOZ, Jane LECOMTE and Sophie SZOPA (coordinators), *Enjeux de la transition écologique*, EDP Sciences, 2021, 428 p. ISBN : 978-2-7598-2662-9. DOI : 10.1051/978-2-7598-2661-2

Access the e-book on the challenges of the ecological transition (in French) here:
<https://hal.universite-paris-saclay.fr/hal-03461012/document>

ABOUT UNIVERSITÉ PARIS-SACLAY

Université Paris-Saclay brings together ten constituent faculties and institutes, four Grandes Écoles, the Institut des Hautes Etudes Scientifiques, two associate institutions and shared laboratories with six national research organisations.

With 48,000 students, 8,100 lecturers and 8,500 administrative and technical staff members, Université Paris-Saclay offers a comprehensive and varied range of undergraduate to doctorate level programmes and engineering degrees, renowned for their quality thanks to the reputation and commitment of the University's academic staff.

Located in the south of Paris on vast sites that stretch across Paris, Orsay, Évry and Versailles, Université Paris-Saclay benefits from a strategic geographical and socio-economic position that is strengthened by its international visibility. A leading university, Université Paris-Saclay is recognised for its excellent Mathematics and Physics programmes but also for Biological and Medical Sciences, Agriculture, Engineering, and its extensive Humanities and Social Sciences courses. Close to Paris, Université Paris-Saclay is nested in a protected natural area, at the heart of a dynamic economic hub.



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