

"Sorbonne Développement Durable"'s association is accepting application calls for the second edition of a unique international conference on sustainable development. This unparalleled international conference designed by Ph.D. students for a larger audience to be held from April 12 to 14, 2022, in the [University Paris 1 Panthéon-Sorbonne](#) & [La Cité du développement durable](#), Paris, France. The conference is entirely in English, mixing on-site and online formats to comply with local regulations.

The 2021 United Nations Climate Change Conference, also known as COP26, held in Glasgow from November 1st - 12th, 2021 under the presidency of the United Kingdom, raised more questions and uncertainties than solutions. Indeed, the conference succeeded in getting 197 countries to agree on new rules limiting greenhouse gas emissions. Still, last-minute objections from India and China hindered a commitment to end coal use and fossil fuel subsidies. How can the scientific community, through multidisciplinary, put forward original research and come up with solutions to get the attention of society and lawmakers to act now?

Big data, particularly from satellites, provided the scientific community with more extensive access to data sources. The use of satellite data helped to confirm the emergency of climate imbalance. It is now possible to see the consequences of human development on territorial economic activity and the environment in real-time. Data collected through satellites allows monitoring climate evolutions, atmospheric disturbance, and environmental transformations. How can satellite data help to understand and analyze our common goods? How does data provide solutions related to the care act, the environment, and ourselves? Data is a tool to make better decisions, quantitative and qualitative, sometimes extreme decisions, to ensure a sustainable future. The fundamentals of

this second edition of the international conference by Ph.D. for Ph.D. will question how to use the data for a more responsible, collective, and holistic vision of care. But also, to think about modeling and access to information in order to structure research and political action by including ethical reflections.

During the three-day conference, we will choose four topics linked with the applications we will receive. Selected applications will help the Ph.D. students get to know each other and debate the [sustainable development goals](#) and the [environmental transition](#). Therefore, the different axes will make it possible to question the use of data and their information/processing structure, in relation to the ethical aspects of environmental standards, and more particularly satellite data within the framework of the 17 SDGs. They will be led by experts and doctoral students, as well as include artistic performances and awareness workshops.

SDD is an association established within the University of Paris 1 Panthéon-Sorbonne, the first fully COP-certified university and member of the United Nations Impact Academy program (Global Compact/ PRME (Principles program for responsible management training)). SDD is partnered with the UNA Europa alliance through the Task Force Sustainability program and nine other European universities. SSD aims at bringing together a variety of researchers and Ph.D. students to enrich the dialog using each discipline's methodological point of view and expertise. In the end, the genuine objective of SDD is to gather a new generation of researchers and decision-makers under a common goal: tackle sustainable development challenges while employing the skills and technical knowledge of each member.

## OBJECTIVES

The second edition of the international conference by Ph.D. students for Ph.D. students will tackle all topics related to environmental transformations and the 17 SDGs. We strongly encourage candidates to send their applications as long as their research topics are closely related or not to the ecological/environmental issues or development.

**Selected candidates will be given 15 minutes to present their research and 5 minutes for Q&A. We accept and encourage original presentation methods such as video, drawing, games, experience, website, and/or real cases.** Traditional presentation is also accepted. Please note that we work under total transparency, and each application, proposal, and result will be made available online to anyone. In addition, the originality and uniqueness of the second edition lie in the use of art as a way to communicate messages for a more substantial impact. Issues of care, ethical aspects of environmental standards and the commons goods

will be privileged to a part of the conference focused on using satellite data and their applications. In the end of the three days conference, we plan to draw conclusion from all the presentations in order to prepare the 27th session of the Conference of the Parties (COP 27), taking place in Sharm El-Sheikh, Egypt, where Paris 1 University and SDD will be involved in.

SDD is fundamentally looking for multidisciplinary openness and is not limited to academics but to anyone having expertise and willing to share it with the network. The conference by Ph.D. students for Ph.D. students is experimental since it aims at removing the barriers between each discipline. We believe this new way of engaging young researchers can contribute to understanding and feeding the debate related to the transformation of our societies at the national and international levels.

## REQUIREMENTS

To apply for the second edition of the international conference by Ph.D. students for Ph.D., you need to provide the following documents **before March 20th** using this [link](#).

### Checklist:

- You are a Ph.D. student enrolled in the 1st, 2nd, 3rd, or 4th year
- You are able to present your work in English
- A resume including a short bio at the top or bottom in PDF format
- Proposal (max 1000 words) **in English only**.  
PDF's name: "Application - Family surname - given name"

To give you an idea, you can refer to the first edition proposals using this [link](#).

## SCIENTIFIC COMMITTEE

- |                          |                        |
|--------------------------|------------------------|
| • Yann Toma              | • Florent Pratlong     |
| • Jean-Claude Berthelemy | • Antoine Mandel       |
| • Mathilde Maurel        | • Kathia Martin-Chenut |
| • Anne Le Naélou         | • Emmanuel Picavet     |

## ORGANIZERS

- [Thomas Pernet-Coudrier](#)
- [Audrey Rochas](#)
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- [Laurine Wagner](#)