



SYMPOSIUM

SUMMARY

PROJECT

CONTEXT

SCIENTIFIC SCOPE

LEARNING CURRICULUM

1

ST Edition of the International Symposium of Sorbonne Sustainable Development

> DATA & SUSTAINABLE DEVELOPMENT:

Paris (FR), from the 5th to 7th of December 2022

PROGRAM



[Link to register](#)

Monday, December 5th, 2022

Location: Jardin d'Agronomie Tropicale de Paris

Zoom: [here](#)

> 9:00 - 9:30

Welcome speech by Anne LE NAELOU, Présidente de la Cité du Développement Durable and Ariane DUPONT KIEFFER (Vice-présidente déléguée Responsabilité sociétale PR : Présidence).

Productive chains

> [Session president : Kathia MARTIN-CHENUT](#)

> 09:30 - 10:10

[Christine FRISON](#), "The global seed commons, digital sequence data, SDG 2 and the post-2020 global biodiversity framework: what is at stake?", Université Catholique de Louvain, France

> 10:15 - 10:55

[Vanella Dimitri ONCHI](#), "Le déchet virtuel, le grand oublié du développement durable ?", Université Côte d'Azur, France

> 11:00 - 11:40

[Johannes OWSIANOWSKI](#), "Le circuit ""court-long"" : Une réponse au scepticisme des consommateurs envers les labels du commerce équitable?", Université Paris 2 Panthéon-Assas, France

> 11:45-13:00

Tuesday, December 6th, 2022

Location: Jardin d'Agronomie Tropicale de Paris

Zoom: [here](#)

> 8:30 - 9:00

Welcoming the participants (coffee)

The data of local transformations

> [Session president : Brice ANSELME](#)

> 09:00 - 09:40

[Anthony SCHRAPFFER](#), "Integrating a vision of floods in rapid suburban growth: illustration with the Buenos Aires suburbs", University of Buenos Aires

> 09:45 - 10:25

[Claude TATUEBU TAGNE](#), "Données anciennes : héritage et avantage dans l'étude de la dynamique paysagère et de la durabilité du bocage bamiléké (Ouest-Cameroun)", Université de Yaoundé,

> 10:30 - 11:10

[Isabelle CHORT](#), "Agricultural shocks, coping policies and deforestation: Evidence from the coffee leaf rust epidemic in Mexico", Université de Pau et des Pays de l'Adour

> 11:15 - 11:55

LUNCH BREAK

> Poster session

Bilgecag AYDOGDU

Yacoub BAHINI

Thomas Gael BEBGA NGUIDJOI

Yacoub BITOCHO

Driss El Kadiri BOUTCHICH

Lucía María CAPPELLETTI

Adjariatou Diakher DIANKO

Marianne DUQUENNE

Kanga Mireille EKRA

Rami Ben Haj KACEM

Neyla MEDDAH

Niang Ndèye NDAK

Houcem Eddine REMIKI

Alhane SALAMEH

Tchakouni SONDOU

> 12:45 - 13:15

Guided tour of the Cité du Développement Durable

Emissions and artificialization

> [Session president : Yann TOMA](#)

> 13:15 - 13:55

[Sarah LAYACHA](#), "Investigation about the choice of tensile membrane in city metabolism", Université Paul Valéry Montpellier 3, France

> 14:00 - 14:40

[Mariame CHAHBI](#), "Données satellitaires et analyse géospatiale basées sur les techniques de l'IA au service de la durabilité environnementale", Université Internationale de Rabat

> 14:45 - 15:25

[Emeric LHUISSET](#), "Montrer l'invisible en photographie", Université Paris 1 Panthéon-Sorbonne, France

> 15:30-16:15

COFFEE BREAK

Animated with Speech to Text experience

> 16:30 - 18:00

[Round table: The contribution of new data to the analysis of conflicts and the SDG 16](#)

Speakers :

- [Sarah JAMAL](#), maîtresse de conférences de droit public à l'Université Paris-Panthéon-Assas et directrice de rédaction de la revue Droits fondamentaux.
- [Emeric LHUISSET](#), artiste et enseignant à Sciences-Po Paris sur la thématique Art Contemporain et Géopolitique, lauréat de nombreux prix et exposé dans de nombreuses institutions internationales.
- [Marie OBIDZINSKI](#), professeur d'économie du droit à l'Université Paris-Panthéon-Assas et spécialiste des nouvelles technologies comme outil et objet juridique.
- [Maître François ROUX](#), avocat honoraire, chef du bureau de la défense du Tribunal spécial des Nations unies pour le Liban (« TSL »).
- [Eric SANGAR](#), Maître de conférences en science politique Sciences-Po Lille, coordinateur du projet DataWar

Moderator :

[Mathilde MAUREL](#), Directrice de recherche CNRS, membre du bureau Sorbonne Développement Durable

[Fatoumata N. CISSE](#), "Indirect impact of protected areas on wood-based energy consumption: a geospatial analysis in Madagascar", Université Paris 1 Panthéon-Sorbonne / Investisseurs et Partenaires, France.

> 12:00 -13:00

LUNCH BREAK

> Poster session

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Alhane SALAMEH

Tchakouni SONDOU

Data in a forward-looking perspective

> [Session president : Laetitia DUVAL](#)

> 13:00 - 13:40

Eszter [SZEDLACSEK](#), "Who pays the price of decarbonization? The impact of mining for green minerals", Université Paris 1 Panthéon-Sorbonne; Vrije Universiteit Amsterdam (VU); Marie Curie Doctoral Fellow.

> 13:45 - 14:25

[Milien DHORNE](#), "A bottom-up machine-learning approach to tracking advances in access to electricity", École des Ponts ParisTech, France

> 14:30 - 15:10

[Bebe Alfred DEMBELE](#), "Dynamique spatio-temporelle de l'occupation du sol et de son implication à la sécurité alimentaire en zone cotonnière du Mali",

> 15:15 - 15:55

[Luis Guillermo BECERRA-VALBUENA](#), "Drought-induced International Migration: the role of irrigation and crop activities in Senegal", Université Paris-Dauphine, France

> 16:00 - 16:30

COFFEE BREAK

Animated with Speech to Text experience

> 16:30 - 18:00

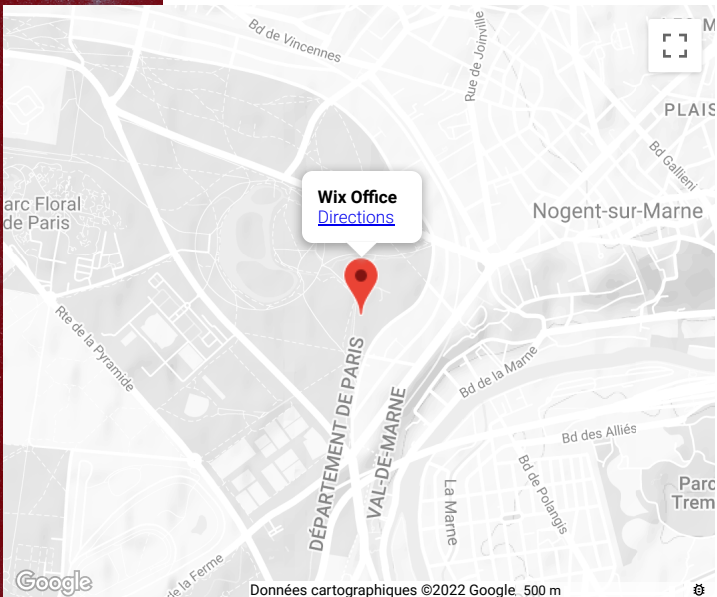
[Round table: Satellite data and Sustainable Development Goals](#)

Speakers :

- [Thibault CATRY](#), Ingénieur de Recherche IRD, UMR Espace-Dev
- [Alex CHUNET](#), représentant de l'ESA auprès de la Banque Mondiale
- [Nicolas DELBART](#), Professeur de Géographie, Laboratoire Interdisciplinaire des Energies de Demain (UMR8236 LIED), Université de Paris
- [Laurence MONNOYER-SMIT \(tbc\)](#), Directrice de la délégation au développement durable, CNES
- [Julien WORLFERSBERGER](#), Maître de Conférences, Paris-Saclay Applied Economics (UMR AgroParisTech-INRAE), AgroParisTech & Université Paris Saclay

Moderator :

[Lisa CHAUVET](#), Full Professor in Economics at the University of Paris 1 Panthéon Sorbonne



Practical information

 > Click on "Wix Office, Directions" to discover your travel itinerary !

 Hotel :
Suggestion for your stay in Paris :
8 Rue du port - 94130 NOGENT-SUR-MARNE
- 01 48 72 70 00

 Contact :
...
...

 Adresse postale :
45 bis avenue de la Belle Gabrielle - 94736
Nogent-sur-Marne Cedex

Wednesday, December 7st, 2022

Place: Hopscotch Global PR Group

Zoom: [here](#)

> 9:15 - 9:30

Welcoming the participants (coffee)

Facing the major issues through data building

> Session president : Emmanuel PICAVET

> 09:30 - 10:10

Adèhè Essossimna POKORE, "Données publiques : réversibilité, adaptabilité, solidarité intergénérationnelle et développement durable", Université Paris 1 Panthéon-Sorbonne, France

> 10:15 - 10:55

Valérie CHAROLLE,

> 11:00 - 11:40

Marianne DUQUENNE, "Ouverture des résultats de la recherche en bioéconomie : le cas de la région Hauts-de-France", Univ. Lille, ULR 4073 - GERiCO

> 11:45-13:30

LUNCH BREAK

Data and the greening of human activities

> Session president : Antoine MANDEL

> 13:30 - 14:10

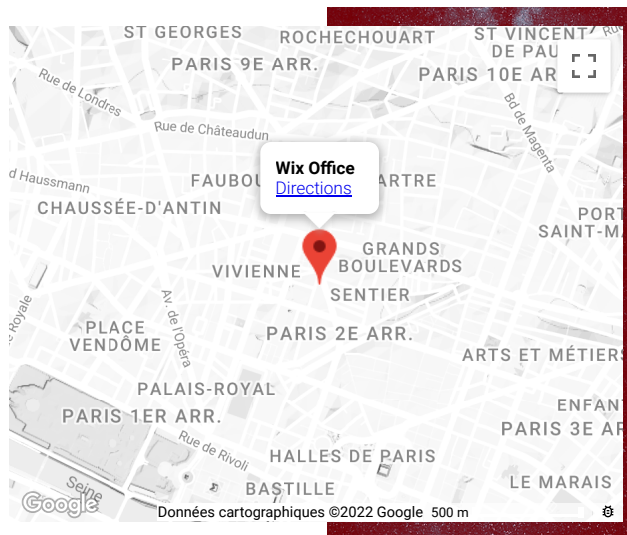
David MANOLO SAILER, "Sustainable development in light of climate ethics", Universität für angewandte Kunst Wien

> 14:15 - 14:55

Safiya GALAL HASAN, "Financial Inclusion: A Path to the Green Economy", The British University in Egypt

> 15:00 - 15:40

Sebastian IRIGOYEN, The determinants of Environmental Concern:



revisiting the Maslow's Hierarchy of needs model", Université de Rennes, France

> 15:40-16:30
COFFEE BREAK
Animated with Speech to text experience

> 18:00 - 20:00
Closing ceremony of the conference at the Richelieu amphitheater of the Sorbonne

SUSTAINABLE DEVELOPMENT SEEN FROM ABOVE: A FOCUS ON REMOTE SENSING

For the first edition of its annual international symposium, Sorbonne Sustainable Development, in partnership with the Centre d'Economie de la Sorbonne (CES), the Institut de Recherche pour le Développement (IRD), and the Labex Dynamite invites you to submit proposals and partake in an international conference centered on sustainable development.

This new edition will revolve around the many contributions remote sensing can make in tackling the various challenges of sustainable development.

The first edition will take place from December 5 to 7, 2022 and will be held across two venues: the Sorbonne and the Cité du Développement Durable. The conference will be held in English and French with participants in Paris or online if travel restrictions dictate. Two submission formats will be accepted: a poster proposal or a conventional proposal for 30-minutes-long presentations (20 minutes presentation and 10 minutes of questions & answers).

> SUSTAINABLE DEVELOPMENT IN TODAY'S WORLD

The first day, interdisciplinary by nature, will put the question of sustainable development into perspective given the particularly alarming context in which we now find ourselves. While the sixth Intergovernmental Panel on Climate Change (IPCC) report emphasises the need to reduce our dependence on fossil fuels in the next ten years, the war in Ukraine highlights the fragility of humanity when faced with the need to adapt rapidly. After two years of pandemic-driven strain, health care's status as a common good and a pillar of sustainable development has never been so relevant.

What lessons should we take away from the Covid-19 crisis? How starting from this observation, can we react in a multidisciplinary way, put forward the results of our work, and above all convince people that we must act now?

> REMOTE SENSING AS A TOOL FOR RESEARCH ON SUSTAINABLE DEVELOPMENT

The second day will tackle issues tied to measurement and data, focusing on the role of satellite data in measuring the extent of the climate emergency. It is now possible to visualize the consequences of human development on territories and the environment in real-time but also retroactively looking at decades of human activity.

The data produced by satellites' instruments allow us to monitor change in our climate and atmospheric disturbances, but also anthropogenic phenomena such as urban sprawl, agricultural expansion and deforestation at increasingly fine levels of resolution. Satellite data are used operationally by several international organizations such as the Food and Agriculture Organisation (FAO) of the United Nations or the European Commission's Joint Research Centre (JRC) (Institute for Environment and Sustainability), often in conjunction with space agencies (e.g. the European Space Agency (ESA) Earth Observation for Sustainable Development program) to provide freely available indicators for users who are not necessarily experts in the physics of remote sensing. In parallel, space agencies provide open access to remote sensing data at different levels of pre-processing to build on the raw radiometry to develop new applications.

> THE EPISTEMOLOGY OF DATA USED TO ANALYZE SUSTAINABLE DEVELOPMENT

The third day, under the sign of social sciences and critical thought, will be devoted to the role of the methods used in the social sciences, within the perception of the socio-economic world and in the

In order to respond to this global observation, all disciplines will be involved. A singular and collective diagnosis is needed more than ever at a time when the alliance of research skills is demonstrating its ability to contribute to the resilience-building process. Against this backdrop, the arts will play a role of scientific coordination that is now widely considered at the international level.

**Using an A0 sheet of paper, you will summarize the main steps of your approach: data, methodology and main results. You will have the opportunity to discuss the content of the poster with the audience and the experts present. You can find examples of posters via the following link: <https://ur.umbc.edu/poster-presentation-examples/>*

prioritization of subjects dealing with significant issues such as the environment.

From a critical examination of the world of numbers in which we live to that of the measurement and instruments that we use, this day will aim to define exactly what realities we measure and count, and even to take a critical step back from the theoretical constructions and statistical concepts that result from them.

OBJECTIVES

The objective of the conference is to question the very rich databases used today by the human, social and legal sciences as well as the biases induced by these quantitative approaches and how to best mitigate them.

More generally, it will attempt to settle on an epistemological view of how the sciences approach the SDGs and the environmental transition. Based on the results of our 2019 international conference «From perception to climate action», it will be accompanied by artistic interventions and workshops that will raise public and stakeholder awareness of the transition, the common good, and our relationship with Nature through image, sound, voice, etc.

Sorbonne Sustainable Development is an association bringing together more than a hundred university researchers from all disciplines (humanities, economics and law), affiliated with the UN and established within the University of Paris 1 Panthéon-Sorbonne, the first university to be fully COP certified and a member of the United Nations Academic Impact program, as well as Global Compact/PRME (a program linked to the Principles for Responsible Management Training).

It is also a founding member of the UNA Europa Alliance and is part of the Sustainability Task Force, comprising an alliance of nine European universities. Thanks to the richness of Sorbonne's disciplines, Sorbonne Sustainable Development is the ideal location for the organization of an open and systemic dialogue between disciplines, capable of thinking transversally and plurally about societal transformations. Sorbonne Sustainable Development's ambition is to train a new generation of researchers and decision-makers who will have the disciplinary and interdisciplinary expertise necessary to meet the challenges of the 21st century.

SCIENTIFIC COMMITTEE

Brice Anselme, Rémi Bazillier, Jean-Claude Berthélémy, Elodie Bertrand, Lisa Chauvet, Nicolas Delbart, Ariane Dupont-Kieffer, Laetitia Duval, Etienne Espagne, Anne Le Naëlou, Antoine Mandel, Kathia Martin-Chenut, Mathilde Maurel, Emmanuel Picavet, Florent Pratlong, Josselin Thuillez, Yann Toma, Thomas Vendryes, Stéphane Zuber.

Lila Cazier, Fatoumata Nankoto Cissé, Stephen Jackson, Hugo Lapeyronie, Thomas Pernet-Coudrier, Alessia Sanna, Laurine Wagner

