

Alliance Science and Policy Summer School

Welcome to the first Science and Policy Summer School! The goal of the summer school is to explore better ways to bridge the gap between science and policy, and we hope you will bring your ideas, interests, and experience to our discussions.

The week will be divided between presentations, discussions, and working groups. The speakers are scheduled, but many of the other details are open to deliberation. We hope that this will be the first of many science and policy summer schools, and encourage you to help make it great.

Location

The summer school will take place at Reid Hall, Columbia Global Center in Europe:

[4. rue de Chevreuse](#)
[75006 Paris](#)

Lunches will be organized through the summer school. Please bring 160€ or US\$200 to pay for these and speaker expenses.

Schedule

Tuesday, June 26

- 12:30 - 1:30 Check-In
- 1:30 - 2pm Student and Alliance Introductions
- 2 - 4pm Laurence Tubiana: Introduction
- 4 - 5pm All-Students Discussion (forming topic groups)
- 5 - 6pm Break-out Rooms

Wednesday, June 27

- 10 - noon Bruno Latour
- 12 - 1pm Lunch
- 1 - 3pm Claude Henry
- 3 - 5pm Break-out Rooms
- 5 - 6pm All-Students Discussion

Thursday, June 28

- 10 - noon John Mutter
- 12 - 1pm Lunch
- 1 - 3pm Valérie Masson-Delmotte
- 3 - 4:30pm Marc Mortureux
- 4:30 - 6pm All-Students Discussion

Friday, June 29

- 11 - 12:30 Dorothee Benoit Browaeys and Jean-Jacques Perrier (Vivagora)
- 12:30 - 2:30 Eric Maskin (IDDRI talk)
- 2:30 - 3pm Lunch

3 - 5pm Pierre-Henri Gouyon
5 - 6pm All-Students Discussion

Saturday, June 30

Time TBA Jeffrey Sachs

Monday, July 2

10 - noon Scott Barrett
12 - 1pm Lunch
1 - 3pm All-Students Discussion
3 - 5pm Break-out Rooms
5 - 6pm All-Students Discussion

Tuesday, July 3

10 - noon Laurence Tubiana: Conclusion
12 - 1pm Lunch
1 - 3pm All-Students Discussion
3 - 5pm Break-out Rooms
5 - 6pm All-Students Discussion

All of the speakers have volunteered their time to help further these important discussions. From each speaker, we are hoping to learn the strengths and failings of the current relationship between science and policy within their area of interest, and how these might be improved. After about 40 minutes of introductory comments, we will have a discussion. This is an opportunity to ask questions related to our topic reports or discuss connections between the other presentations.

During the Break-out room times, the group will split into topic groups and work on their reports. The All-Students Discussions will be an opportunity to report on the progress of the topic groups, and to synthesize contributions from the various speakers.

Topic Working Groups

During the program, students will decide on research topics and divide into working groups on specific issues that demands better bridging between science and policy. The goal of each group is to write a short report, reviewing research, identifying current successes and failures, and sketching a way forward based on the speaker discussions. The groups will consider existing institutional structures and challenges, identify relevant needs for both scientists and policy makers, and design recommendations founded in research.

Accommodation Information

Students are responsible for securing their own accommodations.

The [Citadines Place d'Italie Paris](#) is providing a discounted rate for students of the summer school. For two people (a Studio twin) the cost is,

108€ per night from 7 nights or 120€ per night from 1 to 6 nights

Breakfast : 14€ per night per person

City tax : 1€ per night per person

Reservations may be made by phone at (33) 1 41 05 79 05.

Speaker Information

Laurence Tubiana is the founder of the Institute for Sustainable Development and International Relations (IDDRI) in Paris. She follows and participates in the international negotiations on climate change, in which IDDRI is highly involved. She is also professor and director of the Sustainable Development Center at Sciences Po Paris. Laurence Tubiana studied at the Institut d'Études Politiques de Paris and holds a PhD in economics. From 1997 to 2002, Laurence Tubiana served as senior advisor to the Prime Minister, Lionel Jospin, on environmental issues and conducted a number of international negotiations on this subject. She was also member of the French Council of Economic Analysis and research director for the French National Institute for Agricultural Research.

Bruno Latour is a professor at Sciences Po Paris where he is also the vice-president for research of that school. After field studies in Africa and California he specialized in the analysis of scientists and engineers at work. In addition to work in philosophy, history, sociology and anthropology of science, he has collaborated into many studies in science policy and research management. He has written *Laboratory Life* (Princeton University Press), *Science in Action*, and *The Pasteurization of France*. He also published a field study on an automatic subway system Aramis or the love of technology and an essay on symmetric anthropology *We have never been modern*. He has also gathered a series of essays, *Pandora's Hope: Essays in the Reality of Science Studies* to explore the consequences of the "science wars". After having directed several thesis on various environmental crisis, he published a book on the political philosophy of the environment *Politics of Nature* (all of those books are with Harvard University Press and have been translated in many languages).

Claude Henry is a physicist (quantum mechanics) turned economist. He has taught public economics and environment economics at Ecole Polytechnique in Paris and at Lausanne University; he has written articles and books on these subjects. He is currently teaching on innovation and sustainable development at Sciences-Po Paris. From 1997 to 2002, he was adviser to the Prime Minister of France on matters pertaining to public utilities and environmental policies; he is currently an adviser to the Director of the European Environmental Agency.

John Mutter is a professor in the departments of earth and environmental sciences and of international and public affairs at Columbia University. Mutter teaches undergraduates about such complex, dynamic Earth systems as earthquakes and climate variations. His graduate students in marine seismology learn how seismic energy is used to understand the Earth's interior; he also coordinates the natural science component of the Ph.D. in sustainable development. Mutter has two main areas of research. The first is global tectonics using geophysical techniques. He has conducted more than 30 research cruises in all parts of the world including the Arctic and Antarctic, and has authored or co-authored more than 70 articles in scientific journals, as well as many popular publications. He is currently an editor of the *Journal of Geophysical Research*. Mutter's second area of research is the relationship between natural systems and human well-being with particular focus on the vulnerability of poor societies to natural variations and extreme conditions. Most recently these studies included examination of Katrina's impact and that of the 2004 tsunami.

Valerie Masson-Delmotte is a paleoclimatologist from the French Laboratory for Climate and Environment Sciences. She holds an engineering degree from the [Ecole Centrale Paris](#) in Physics and Fluid Transfer. She is also an engineer at the [Atomic Energy Commission](#) (CEA) and served on numerous national and international projects including the [Intergovernmental](#)

[Panel on Climate Change](#) (IPCC).

Marc Mortureux is the director general of ANSES, the French Agency for Food, Environmental and Occupational Health & Safety. In his words, “ANSES is an agency which truly protects individuals by taking all the different aspects of their daily lives into account: food, environment and work.”

Dorothee Benoit Browaeys and Jean-Jacques Perrier are representatives of Vivagora. Created in 2003, Vivagora is a non governmental organization working to promote a participatory governance and enhanced culture of scientific and technological innovation.

Eric Maskin is an American economist and the Albert O. Hirschman Professor of Social Science at the Institute for Advanced Study. He was previously professor of economics at Harvard University and the Massachusetts Institute of Technology. His work has had great influence on many areas of economics, political science, and law. He is especially well known for his contributions to mechanism design, which analyzes when it possible to design an institution (i.e., a mechanism) that implements a given social goal. He received his A.B. in 1972 and his Ph.D in 1976 from Harvard University. He was then a research fellow at Jesus College, Cambridge University. He taught at MIT from 1977-1984 and at Harvard from 1985-2000. In 2000, he moved to the Institute for Advanced Study in Princeton, New Jersey.

Pierre-Henri Gouyon was for almost 20 years full professor in Evolution & Systematics at the University of Paris-Sud (Orsay). He is presently Professor at the Museum National d’Histoire Naturelle in Paris as well as Professor at the AgroParisTech (since 1988). He is currently the head of the team of Botany in the Unit of "Origin, Structure & Evolution of Biodiversity" which is a joint unit between the Museum and the CNRS. He is the curator of the European part of the National Herbarium. His research has been devoted to the mechanistic study of evolution, from genetics to ecology. It includes on one side a theoretical part on the mechanisms concerning the major traits of living organisms (sex, death...), trying to combine the forces acting at different levels of integration (genes, individuals, metapopulations, species) and integrating chance, selection and historical contingency in the evolutionary processes. On the other side, a more experimental part concerns plants.

Jeffrey D. Sachs is the director of the Earth Institute, Quetelet Professor of Sustainable Development, and professor of Health Policy and Management at Columbia University. He is also Special Advisor to United Nations Secretary-General Ban Ki-moon. From 2002 to 2006, he was Director of the UN Millennium Project and Special Advisor to United Nations Secretary-General Kofi Annan on the Millennium Development Goals, the internationally agreed goals to reduce extreme poverty, disease, and hunger by the year 2015. Prior to joining Columbia, Sachs spent over twenty years at Harvard University, most recently as director of the Center for International Development. A native of Detroit, Michigan, Sachs received his BA, MA, and PhD degrees at Harvard University.

Scott Barrett is a leading scholar on transnational and global challenges, ranging from climate change to disease eradication. His research focuses on how institutions like norms, customary law, resolutions, and treaties can be used to promote international cooperation. He has advised a number of international organizations, including the United Nations, the World Bank, the OECD, the European Commission, and the International Task Force on Global Public Goods. He was previously a lead author of the Intergovernmental Panel on Climate Change and a member of the Academic Panel to the Department of Environment in the UK. He received his PhD in economics from the London School of Economics.