

THE CLIMATE CRISIS: POLICY RESPONSES AND THE WAY FORWARD

Professor: **Tancrède Voituriez**
Session: **July 2024**
Language of instruction: **English**
Number of hours of class: **2.5h**



Objective of the Course

The objective of this masterclass is to strengthen students' critical thinking on the climate crisis and the options available for tackling it. It will provide them with the latest mapping of consensus knowledge and controversies, available data sources and key knowledge communities. It will enable students to navigate the low-carbon economy and hone their much-needed contribution to solving the problem of global warming.



Summary

We are approaching a decisive moment for international efforts to tackle the climate crisis. Human influence has warmed the climate at a rate that is unprecedented in at least the last 2000 years. Looking forward, global surface temperature will continue to increase until at least the mid-century under all greenhouse gases emissions scenarios. The window to avoid climate catastrophe is narrow and rapidly closing. Global warming of 1.5°C and 2°C will be exceeded during the 21st century unless deep reductions in CO₂ and other greenhouse gas emissions occur in the coming decades, leaving us with but no other option to speed up and amplify climate action at an unprecedented scale.

There are some burning questions, all revolving around practical ways of decarbonising our economies in a short space of time. How do we create markets and deploy low-carbon technologies that are not yet fully developed? How can we mobilise public and private finance to meet the trillions in investment needed to reduce carbon emissions? How can we ensure that no one is left behind in the transition to net zero emissions, both within and between countries?

The masterclass will present and explore the answers available to these questions. It will provide students with the intellectual material needed to understand the most important challenges and the most promising solutions to global warming. In addition,

it will address the relationship between technological and social changes, science-based policy prescriptions and contemporary politics.



Professor's Biography



Tancrède Voiturez has a PhD in Economics and is Senior researcher on Global Governance at Iddri. His research focuses on trade and green innovation relationships, and on the causes of inertia in the implementation of sustainable development policies. Tancred Voiturez has been involved as a coordinator and/or expert in numerous research projects on globalisation and climate change for the European Commission, the European Parliament, the China Council for International Cooperation on Environment, among others. He has been teaching at Sciences Po since 2005. He has been based in Santo Domingo, Dominican Republic since 2022.