

## **THOMAS STOERK**

### **Personal contacts:**

Email: [t.a.stoerk@lse.ac.uk](mailto:t.a.stoerk@lse.ac.uk)

Web: [tstoerk.net](http://tstoerk.net)

### **Current position:**

2021-present Climate Economist, Research Department, National Bank of Belgium

### **Affiliation:**

2018-present Visiting Fellow, Grantham Research Institute on Climate Change and the Environment, London School of Economics and Political Science

### **Education:**

2013-2017 *Universitat Pompeu Fabra*  
PhD in Economics, “Essays in Environmental Economics”, *Distinction*  
Advisors: Antoine Dechezleprêtre (LSE) and Humberto Llavador (UPF)

2014-2016 *London School of Economics and Political Science*  
EDP Student (European Doctoral Program)

2012-2013 *Universitat Pompeu Fabra*  
MRes in Economics

2010-2011 *Barcelona Graduate School of Economics*  
MSc in Economics

2006-2010 *Universitaet Tuebingen*  
BSc in International Economics

### **Fields of interest:**

Economics of Climate Change, Environmental Economics, Policy Evaluation, Policy Design, Applied Microeconomics

### **Past positions:**

2018-2021 Policy Officer, C1 Strategy and Economic Assessment, DG Climate Action, European Commission

2017-2018 High Meadows Post-Doctoral Economist, Office of the Chief Economist, Environmental Defense Fund

2011-2012 Short-term positions on environmental, climate, development and competition topics at GIZ Gesellschaft für Internationale Zusammenarbeit (Eschborn, Germany); Royal Government of Bhutan (Thimphu, Bhutan); European Commission (Brussels, Belgium)

### **Past RA positions:**

2014-2016 Business School, Imperial College London and Grantham Research Institute, LSE, Research Assistant to Antoine Dechezleprêtre, Ralf Martin and Mirabelle Muûls

2014 Universitat Pompeu Fabra, Research Assistant to Humberto Llavador

2012-2016 Universitat Pompeu Fabra, Research Assistant to Rosemarie Nagel

### **Teaching experience:**

2020, 2021 Climate economics (graduate), UPF, Guest lecturer

2021 Climate economics (graduate), CEI International Affairs, Escuela Diplomática de Barcelona, Guest lecturer

2014 Reading Group *Python*, UPF, Co-founder and -organizer

2012-2013 Reading Group *Economics of Climate Change*, UPF, Co-founder and -organizer

2012-2013 Microeconometrics (graduate), Barcelona GSE, Teaching Assistant

2010-2013 Micro- and Macroeconomics (undergraduate), UPF, Teaching Assistant

## **Publications:**

"[Searching for carbon leaks in multinational companies](#)" (2021), with Antoine Dechezleprêtre, Caterina Gennaioli, Ralf Martin and Mirabelle Muûls. LSE Grantham Research Institute on Climate Change and the Environment Working Paper No. 165. *Accepted at the Journal of Environmental Economics and Management*.

"[Economic impacts of tipping points in the climate system](#)" (2021), with Simon Dietz, James Rising and Gernot Wagner. *Proceedings of the National Academy of Sciences*, 118(34): e2103081118.

"[Turning the corner on US power sector CO<sub>2</sub> emissions - a 1990-2015 state level analysis](#)" (2019), with Kristina Mohlin, Alex Bi, Susanne Brooks and Jonathan Camuzeaux. *Environmental Research Letters*, 14(084049): 1-13.

"[China's national Carbon Emissions Trading Scheme: Lessons learned from the pilot emission trading schemes, academic literature, and known policy details](#)" (2019), with Daniel J. Dudek and Jia Yang. *Climate Policy*, 19(4): 472-486.

"[Policy Brief - Recommendations for Improving the Treatment of Risk and Uncertainty in Economic Estimates of Climate Impacts in the Sixth IPCC Assessment Report](#)" (2018), with Gernot Wagner and Bob Ward. *Review of Environmental Economics and Policy*, 12(2): 371-376. [[Media coverage](#)]

"[Statistical corruption on Beijing's air quality data has likely ended in 2012](#)" (2016). *Atmospheric Environment*, 127 (February 2016): 365-371.

"[From intention to action: Can nudges help consumers choose renewable energy?](#)" (2014), with Katharina Momsen. *Energy Policy*: 74 (2014), 376-382.

## **Working papers:**

"[Effectiveness and cost of air pollution control in China](#)" (2020), LSE Grantham Research Institute on Climate Change and the Environment Working Paper No. 273.

"The Low-Carbon Transition: Evidence from US Counties, 1997-2010" (2019), with Jeremy Proville.

## **Work in progress:**

"Methane-related tipping points and the social cost of methane", with Simon Dietz et al.

"Ratcheting up Paris", with Humberto Llavador and John Roemer.

"Optimal air quality in China".

## **Professional activities:**

Invited seminars	2022	Environmental Defense Fund, Banco de España ( <i>scheduled</i> )
	2021	National Bank of Belgium, Mercator Research Institute on Global Commons and Climate Change, Virtual Seminar on Climate Economics, IMF (Research Seminar), European Central Bank
	2020	Universitat Autònoma de Barcelona (ICTA)
	2019	LSE (Grantham Workshop), University College Dublin (Earth Institute)
	2017	Universitat de Barcelona, DIW Berlin (Climate Policy), UMassAmherst (Resource Economics), Environmental Defense Fund, Frankfurt School, Toulouse School of Economics, U Hamburg
	2016	CREI (International Lunch), LSE (Grantham Workshop), UPF (LPD Breakfast), LSE (WiP Economics)
	2015	UPF (Applied Breakfast), LSE (Grantham Workshop), UPF (Student Seminar) CREI (International Lunch)
	2014	UPF (Applied Lunch), UPF (Student Seminar), UPF (Behavioural Breakfast)
	2013	UPF (Behavioural Breakfast)

Conferences	2021	EAERE (Virtual Conference), First Technical Workshop of EUTL data users (GROW, European Commission)
	2020	AERE (Virtual Conference), EAERE (Virtual Conference)
	2019	EAERE (Manchester, Policy Sessions)
	2018	Interdisciplinary Ph.D. Workshop in Sustainable Development (Columbia U), WCERE (Gothenburg), FSR Climate Annual Conference (European University Institute)
	2017	Interdisciplinary Ph.D. Workshop in Sustainable Development (Columbia U), EAERE (Athens)
	2016	EDP Jamboree (UPF), EEA-ESEM (Geneva), China Economics Summer Institute (Hong Kong), SAEe Bilbao
	2015	EAERE (Helsinki), EAERE-FEEM-VIU Summer School (Venice), 1st IIASA-JRC Summer School (Poster), EDP Jamboree (LSE), FSR Climate Annual Conference (European University Institute)

Referee for Climatic Change, Environmental and Resource Economics, Energy Economics, Nature Climate Change, Review of Environmental Economics and Policy, Resource and Energy Economics, Global Environmental Change, Global Sustainability, Energy Policy, PLOS ONE, Science of the Total Environment

#### **Additional Coursework:**

2016	"Topics in Environmental Economics: Time, Risk, and Environmental Policy", LSE
2015	"Environmental Regulation", EAERE-FEEM-VIU Summer School
2014	"Labour Economics for Research Students (Part I: Steve Pischke)", LSE
2013	"24th Jerusalem School in Economic Theory", Israel Institute for Advanced Studies
2013	"Climate Governance: Issues and Institutions", European University Institute
2012	"Foundations of Ecological Economics", Universitat Autònoma de Barcelona

#### **Honors, Scholarships and Grants: ( $\Sigma$ ~120,000€)**

2016	Scholarship for research stay at LSE, DAAD
2014, 2015, 2016	Competitive grant for research stay at LSE (3x), Spanish Ministry of Economy
2014, 2015	EBES grant for research stay at LSE, UPF (2x)
2012-2016	FPI scholarship for MRes and PhD, Spanish Ministry of Economy
2010-2011	Teaching Assistantship, UPF
2007-2011	Scholarship for BSc and MSc, Friedrich-Ebert-Foundation
2004	Participant, Deutsche SchuelerAkademie

#### **Languages:**

German (*native*), English (*fluent*), Spanish (*fluent*), Catalan (*fluent*), French (*working knowledge*)

#### **References:**

Available upon request.