Hugues CHENET

Ph.D. in Internal Geophysics

Associate Professor, Strategy and Sustainability

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EDUCATION

2003 Ph.D. in Internal Geophysics, University of Paris VII, France

RESEARCH INTERESTS

Climate Change, Ecological Economics, Sustainable Finance

PROFESSIONAL EXPERIENCE

ACADEMIC:

2022 - Present Associate Professor of Sustainability, IÉSEG School of Management, France

2021 - 2022 Scientific Collaborator - Chaire Stress Test - Laboratoire de Mathématiques Appliquées, Ecole Polytechnique Paris, Saclay, France

2019 - 2022 Special Research Fellow of the Japan FSA Financial Research Center, Japan FSA Financial Research Center, Japan

2018 - Present Honorary Senior Research Fellow, University College London, London, United Kingdom

2003 - 2005 Researcher, Japan Aerospace eXploration Agency (JAXA), Sagamihara, Japan

2002 - 2003 Teaching and Research Assistant, University of Paris VII, Paris, France

1999 - 2002 Research Assistant, Institut de Physique du Globe de Paris (IPGP), Paris, France

PROFESSIONAL:

2012 - 2016 Co-Founder, Scientific Director, 2° Investing Initiative, Paris, France

CONSULTING EXPERIENCE

2017 - 2022

2007 - 2011 Consultant, Manager - Environmental and Financial Risk, OTC Conseil, France

INTELLECTUAL CONTRIBUTIONS

Papers in refereed journals

Published

Ameli N., Chenet H., Falkenberg M., Kothari S., Rickman J., Lamperti F., (2025), Driving sustainability transitions through financial tipping points, *Earth System Dynamics*, 16(Special Issue - Tipping points in the Anthropocene), pp. 333–345

Chenet H., (2024), Climate change and biodiversity loss: new territories for financial authorities, *Current Opinion in Environmental Sustainability*, 68(1), pp. 101449

Spaiser V., Chenet H., (2024), Negative Social Tipping Dynamics Resulting from and Reinforcing Earth System Destabilisation, *Earth System Dynamics*, 15(5), pp. 1179–1206

Kedward K., Ryan-Collins J., Chenet H., (2023), Biodiversity loss and climate change interactions: financial stability implications for central banks and financial supervisors, *Climate Policy*, 23(6), pp. 763-781

Ameli N., Dessens O., Winning M., Cronin J., Chenet H., Drummond P., Calzadilla A., Anandarajah G., Grubb M., (2021), Higher cost of finance exacerbates a climate investment trap in developing economies, *Nature Communications*, 12(1), pp. 1

Chenet H., Ryan-Collins J., van Lerven F., (2021), Finance, climate-change and radical uncertainty: Towards a precautionary approach to financial policy, *Ecological Economics*, 183(1), pp. 106957

Rambaud A., Chenet H., (2021), How to re-conceptualise and re-integrate climate-related finance into society through ecological accounting?, *Bankers, Markets & Investors (Banque & Marchés)*, 166(1), pp. 20-43

Zamarioli L. H., Pauw P., König M., Chenet H., (2021), The climate consistency goal and the transformation of global finance, *Nature Climate Change*, 11(7), pp. 578-583

Ameli N., Drummond P., Bisaro A., Grubb M., Chenet H., (2020), Climate finance and disclosure for institutional investors: why transparency is not enough, *Climatic Change*, 160(4), pp. 565-589

Schumacher K., Chenet H., Volz U., (2020), Sustainable finance in Japan, *Journal of Sustainable Finance and Investment*, 10(2), pp. 213-246

Thomä J., Chenet H., (2017), Transition risks and market failure: a theoretical discourse on why financial models and economic agents may misprice risk related to the transition to a low-carbon economy, *Journal of Sustainable Finance and Investment*, 7(1), pp. 82-98

Communications in refereed conferences

International

Chenet H., Marzetti M., (2024), *The concept of "Double Materiality" in EU Non-Financial Reporting Regulation Interpretative, Comparative and Compliance Challenges* Congrès AFD&M 2024 - Public and private sector initiatives and responses to global upheavals, Lille, France

Chenet H., Ralite S., (2024), *Unravelling the narratives of the climate finance agenda* RIODD 2024, Brussels, Belgium

Rambaud A., Chenet H., Blum V., (2024), *From Double Materiality to 'Double Materialities' in accounting: A framework for a systematic study of the variations of Double Materiality* 19th EIASM Interdisciplinary Conference on "Intangibles, Sustainability, and Value Creation: Reporting, Management, and Governance", Grenoble, France

Asuka J., Chenet H., Dikau S., Miller H., Volz U., (2023), *Climate Risk Exposure of the Bank of Japan's Quantitative and Qualitative Monetary Easing Programme* Fifth Annual Conference of the Japan Economy Network Columbia University, New York City, 23-24 March 2023, New York, USA

Ralite S., Chenet H., (2023), *The conflicting theories of change behind the climate finance agenda* 35th Annual EAEPE Conference – European Association for Evolutionary Political Economy, Leeds, United Kingdom

Ralite S., Chenet H., (2023), *The conflicting theories of change behind the climate finance agenda* 6th Nordic STS conference, Oslo, Norway

Rambaud A., Blum V., Chenet H., (2023), *De la double matérialité » aux « doubles matérialités » en comptabilité : proposition d'un cadre conceptuel et implications pour intégrer différentes relations à la biodiversité* RIODD 2023, Lille, France

Chenet H., (2022), *Quantifying financial impacts of biodiversity loss? Conceptual and theoretical frameworks, limits, and implications* 15th AFD International Research Conference — Strong Sustainability, Paris, France

Volz U., Chenet H., Dikau S., Asuka J., (2021), *How Green is the Bank of Japan's Quantitative Easing Policy?* American Economic Association ASSA 2021 Annual Meeting, [Pandemic - Virtual Meeting], USA

Other conference and seminar presentations

International

Chenet H., (2025), *Finance and Earth System Tipping Points* École d'été "Autour du 2° C" : les points de bascule, Autrans, France

Chenet H., Ralite S., (2024), *Unravelling the narratives of the climate finance agenda* 3rd GReFA Conference — Applied and Sustainable Financial Management — ASFM2024, Sherbrooke, Qc, Canada

Chenet H., Ralite S., (2024), *Unravelling the narratives of the climate finance agenda* IÉSEG School of Management - Lille, Lille, France

Chapters in books

Published

Chenet H., (2024), Financial Institutions in the Face of The Environmental Emergency, in: Catalina Spataru(Eds.), *The Elgar Companion to Energy and a Sustainable Society, 978 1 03530 748 7, Edward Elgar Publishing, Cheltenham, chapter Part V.1 (ch.21), pp. 320–339*

Chenet H., (2021), Climate Change and Financial Risk, in: Constantin Zopounidis, Ramzi Benkraiem, Iordanis Kalaitzoglou(Eds.), *Financial Risk Management and Modeling, 978-3-030-66690-3;978-3-030-66691-0, Springer, London, chapter 12, pp. 393-419*

Research reports

Chenet H., (2025), *The Global Tipping Points Report 2025*, University of Exeter's Global Systems Institute with the support of more than 200 researchers from over 90 organisations in 26 countries.

Rambaud A., Blum V., Chenet H., (2025), *La Double Matérialité dans le monde - Analyse Géopolitique et Critique*, Chaire Double Matérialité

Chenet H., Lenton T. M., (2023), *The Global Tipping Points Report*, University of Exeter

Chenet H., Kedward K., Ryan-Collins J., van Lerven F., (2022), *Developing a precautionary approach to financial policy – from climate to biodiversity*, The INSPIRE Sustainable Central Banking Toolbox

Kedward K., Ryan-Collins J., Chenet H., (2021), *Understanding the financial risks of nature loss: exploring policy options for financial authorities*, SUERF

Chenet H., Zamarioli L., (2021), *Les politiques de "finance durable" et le climat : ne pas confondre l'objectif et l'outil*, SDSN France, PoCFiN, Institut Rousseau

Chenet H., Zamarioli L., Winning M., (2020), *Finance after the Paris Agreement: The necessary transformation of the financial system*, H2020 project COP21-RIPPLES

Morishita M., Shimizu N., Ikeda E., Chenet H., (2020), *Japan EU Comparative Analysis on Sustainable Finance Policy*, IGES

Chenet H., Zamarioli L., Kretschmer B., Narvaez R., (2019), *From transformational climate finance to transforming the financial system for climate*, H2020 Project: COP21 RIPPLES – COP21: Results and Implications for Pathways and Policies for Low Emissions European Societies

Chenet H., (2019), *Planetary Health and the Global Financial System*, Secretariat of the Rockefeller Foundation Economic Council on Planetary Health

Working papers

Ryan-Collins J., Kedward K., Chenet H., (2023), *Monetary-fiscal policy coordination: Lessons from Covid-19 for the climate and biodiversity emergencies*, *SSRN Electronic Journal*

Chenet H., (2022), *Quantifying Financial Impacts of Biodiversity? Conceptual and Theoretical Frameworks, Limits, and Implications*, Input contribution to the NGFS-INSPIRE Biodiversity and Financial Stability Study Group

Chenet H., Zamarioli L., (2021), *Les sous-jacents théoriques de la « finance durable » au défi des objectifs climatiques (The Theoretical Underpinnings of 'Sustainable Finance' Policies in the Face of Climate Objectives)*, *SSRN Electronic Journal*, Post-Crisis Finance Research Network (PoCfiN), PoCFiN Working Paper 01/2021

Schumacher K., Chenet H., Volz U., (2020), *Sustainable Finance in Japan*, Asian Development Bank, ADBI Working Paper 1083. Tokyo: Asian Development Bank Institute.

Kedward K., Ryan-Collins J., Chenet H., (2020), *Managing Nature-Related Financial Risks: A Precautionary Policy Approach for Central Banks and Financial Supervisors*, *SSRN Electronic Journal*, UCL Institute for Innovation and Public Purpose, Working Paper WP 2020—09

Chenet H., Ryan-Collins J., van Lerven F., (2019), *Climate-related financial policy in a world of radical uncertainty: Towards a precautionary approach*, UCL Institute for Innovation and Public Purpose, Working Paper WP 2019—13

GRANTS AND HONORS

Award

2024 Unravelling the narratives of the climate finance agenda, EIASM - European Institute for Advanced Studies in Management , Belgium

PROFESSIONAL MEMBERSHIPS

2024 Luxembourg Sustainable Finance Initiative - Scientific Advisory Board, Luxembourg

2022 - 2025 Autorité des Marchés Financiers (AMF) — Commission Climat et Finance Durable (CCFD), France

EDITORIAL ACTIVITY

Reviewer in an academic journal

Nature Climate Change

Nature Sustainability

Cleaner Production Letters

Climatic Change

OneEarth

Research Policy

Journal of Sustainable Finance and Investment

Cogent Economics and Finance

Economic Systems

Climate Policy

Current Opinion in Environmental Sustainability

Ecology & Society

European Journal of Finance

Green Finance

International Review of Financial Analysis

Journal of Climate Finance

Law and Financial Markets Review

Environment & Planning A — Economy and Space

WIREs Climate Change

Journal of Economic Surveys

Nature

Social Sciences & Humanities Open

RESEARCH ACTIVITIES

COMMITTEE CHAIR

Course Coordinator

2025 Course coordinator - M1 core course - Environmental Management 4050, IÉSEG School of Management, France