



ECRA's Faculty

EFFAS Certified Climate Risk Analyst®



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Prof. Dr. Emanuele Campiglio

Academic Director of the ECRA® Programme

Emanuele Campiglio is Associate Professor of Economics at the University of Bologna and Scientist at the RFF-CMCC European Institute on Economics and the Environment (EIEE). He is also a Visiting Fellow at the London School of Economics (LSE), where he previously held academic positions. His research focuses on environmental macroeconomics, sustainable finance, and the political economy of sustainability transitions. He leads the ERC-funded SMOOTH project on sustainable finance and has contributed to several international research initiatives, including the Horizon 2020 CASCADES project. A recipient of prestigious grants and a recognized expert in his field, he has published extensively on climate-related financial risks, green macroeconomics, and low-carbon economic transitions.



Prof. Dr. Alexander Bassen

Professor Alexander Bassen is a distinguished expert on capital markets and management at the University of Hamburg. He specializes in finance, ESG, and reporting courses. Among his notable roles, Alex serves on the German Advisory Council on Global Change and was a member of the EFRAG PTF ESRS and the G7 Impact Task Force and Chair of the ISB for GHG Protocol. He holds honorary positions at the University of Oxford and is a Visiting Professor at the Hong Kong Baptist University. Additionally, he advises various sustainable finance committees.

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Alvaro Cangas

With 15 years of experience, Álvaro is currently based in Madrid, where he leads Marsh Climate & Sustainability Practice. He has spent half of his career internationally in: Egypt, USA, Qatar and Spain. He has worked in BIG4 and leading companies in the manufacturing and consumer sectors. He has extensive experience in European Union's ESG related regulations, and has developed Climate & Sustainability Strategies, reporting and climate risk quantification in multiple sectors.



Cristina Celac

Cristina Celac is the Enterprise Risk Services Practice Coordinator at Marsh Advisory Italy, specializing in enterprise risk management, ESG, climate change risk assessments, financial impact modeling, and operational risk management. With over 12 years at Marsh, Cristina has developed expertise in various industries, including food & beverage, fashion, manufacturing, and finance. She has a background in contractual risk analysis, risk financing optimization, and insurable risk analysis. Cristina also has experience from her time at Oliver Wyman and participation in the International Risk Management Mobility programme in Paris. She holds Professional Risk Manager (PRMIA) and Sustainability and Climate Risks (GARP) certifications.



Jonathan Cross

Jonathan is a Senior Sustainable Investment Consultant at Mercer with over 13 years of investment experience, including 7 years in sustainable investing. Based in London, he advises institutional investors on ESG integration and leads climate strategy. Jonathan has completed secondments at the World Economic Forum, where he authored a report on advanced climate investing, and at the Pensions and Lifetime Savings Association, contributing to a practical guide on ESG and stewardship. He holds an MA and MSci from Cambridge and an MSc in Actuarial Finance from Imperial College, and is a qualified actuary (FIA).



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Dr. Nick Faull



Dr Nick Faull, Head of Climate & Sustainability Risk at Marsh, is focused on advancing global sustainability and climate services, including risk modelling and management, to assist clients in their transition to net-zero carbon emissions and enhance their resilience to climate change. Nick was previously Head of Strategic Risk Consulting at Marsh in the UK, as part of which he led the roll-out of Marsh's climate proposition to clients. Prior to this Nick spent nine years with Oliver Wyman consulting to financial services firms on a range of risk-related issues. Nick combines extensive consulting experience with a strong background in climate having completed a DPhil in climate change modelling at Oxford University.

Sandra Hansen



Sandra leads a team of scientific experts at Guy Carpenter, focusing on catastrophe model evaluation, climate change impacts, and real-time event response. With over 15 years in financial services as an actuary and peril expert, she has developed Guy Carpenter's climate change offerings and led the evaluation of European windstorm models. Sandra holds a first-class Master's in Mathematics from the University of Oxford and a distinction in Atmosphere, Ocean, and Climate from the University of Reading.

Dr. René Nicolodi, CAIA



Dr. René Nicolodi is the Head of Equities and Deputy Head of Asset Management at Swisscanto, managing over CHF 300 billion in assets. With two decades of finance experience, he is active on ESG commissions at EFFAS and lectures internationally on sustainable finance. René holds a Ph.D. in Sustainable Pension Fund Engagement from the University of Zurich and has been a Chartered Alternative Investment Analyst (CAIA) since 2009.

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Susana Peñarrubia Fraguas, CFA, CESGA

Susana heads ESG Integration - Active at DWS, joining in 2001 after roles at Dresdner Kleinwort Benson. As an equity portfolio manager from 2007-2020, she earned recognition, including Handelsblatt's esteemed portfolio manager award in sustainable equities. Holding a master's in economics from Universidad de Alcalá de Henares, her accolades include "Best of European Buy side Analyst" and "TopGun" in Europe. She contributes to Schmalenbach Gesellschaft's "Integrated Reporting" and teaches for EFFAS's CESGA and ESG programmes.



Alexander Pui, PhD

Alex is Senior Vice President, Climate and Sustainability Consulting at Marsh Advisory. He supports our clients by providing fit for purpose climate risk insights to help drive value adding risk management and mitigation strategies. Alex joined Marsh from Commonwealth Bank of Australia (CBA), where he led the climate analytics practice, developing climate risk management strategies and addressing emerging risks, including insurability challenges and climate scenario planning. Previously, he served as Head Nat Cat and Sustainability (APAC) at Swiss Re Corporate Solutions, overseeing property underwriting and creating innovative climate risk solutions. Recognized as Risk Leader of the Year by RMIA in 2022, Alex remains active in academia as Adjunct Fellow at the Climate Change Research Center (UNSW) and JSPS Visiting Scholar at Kyushu University.



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Dr. Graeme Riddell



Graeme leads Climate & Sustainability Consulting across Asia-Pacific at Marsh Advisory and Marsh's Global COE on Climate. He helps clients integrate climate and sustainability risks into their enterprise risk management frameworks, with particular expertise in climate-related physical risks, resilience strategies, and strategic risk management. Previously, at Marsh McLennan Advantage, he led research on climate resilience and emerging risks, collaborating with global organizations such as the WEF and OECD, and contributed to the Global Risks Report. Earlier, Graeme was a climate resilience consultant with the World Bank and held various academic and consultancy roles across the Asia-Pacific region.

Prof. Swenja Surminski



Swenja Surminski is an international expert in climate change, resilience, and disaster risk management, specializing in risk financing, insurance, and risk governance. She joined Marsh McLennan from the Grantham Research Institute at LSE, where she served as Deputy Director and Head of Climate Adaptation Research, and continues as Professor in Practice. Swenja has advised regulatory bodies, corporates, and governments, including roles at the Bank of England and the World Bank, where she developed the widely used Triple Resilience Dividend tool. She chairs the Munich Climate Insurance Initiative, is Senior Associate at the Cambridge Institute for Sustainability Leadership, serves on the UK Climate Change Committee, and has contributed to IPCC reports and the UK's climate risk assessments.

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Daniel Teetz, CFA

Daniel is a Senior Manager at Oliver Wyman Actuarial, specializing in climate risk management for insurers. He advises insurers worldwide on various aspects of quantitative and qualitative climate and sustainability risk assessment and has extensive practical experience in implementing stress tests for insurers, having supported nearly all regulatory exercises on insurance stress testing globally. Additionally, he is a member of the working group on climate scenarios for the German Actuarial Association (DAV) and a lecturer in various continuing education programs in the insurance sector. Daniel holds degrees in Physics and Mathematics from RWTH Aachen and LMU Munich. He is a CFA (Chartered Financial Analyst) charterholder.



Dr. Matthias Witzemann

Matthias is the Climate Sustainability Lead in Germany and Austria, and an Energy and Natural Resources Partner at Oliver Wyman. For more than 20 years, he has been supporting global customers in the energy industry in their transformation. His consulting focus ranges from strategy development to transformation and operational performance improvement programs. Matthias has extensive expertise in the field of conventional energy production, renewable energies, hydrogen, CCUS, and sustainability transformation. He has studied business administration at the University of Mannheim and received his doctorate from the Vienna University of Economics and Business.

