

# NAVIGATING CLIMATE RISK COURSE CONVENORS



## KATE KLOPPERS

SENIOR SCIENCE  
ENGAGEMENT OFFICER

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### SHORT COURSE LEAD

Kate Kloppers is the Senior Science Engagement Officer at the Climate System Analysis Group. Kate Kloppers joined CSAG in 2011 after completing an MSc in Zoology at the Nelson Mandela Metropolitan University in 2009. Her current role includes multi-disciplinary and integrative research that advances knowledge of natural and human systems under conditions of environmental, climatic, and social change. In the CSAG Climate Services engagement team, she contributes to the analysis and dissemination of climate information for use in vulnerability, impacts and adaptation decision-making through short- and long-term advisory work and capacity building activities. Kate leads capacity development programmes and, as such, spearheads the coordination, programme development and direction of the internationally-renowned annual CSAG Winter School, an intensive capacity building course aimed at mid-career professionals engaged in decision and policy development, involving issues related to climate change and adaptation. This year's 2021 Short course on navigating climate risk originated for the annual CSAG Winter School. Kate has a passion for engaging with users and stakeholders around the current state of climate information and interpreting and applying climate data in an effort to bridge the challenges of science-society communication.



## IZIDINE PINTO

RESEARCH STAFF

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### SHORT COURSE MODULE LEAD

Izidine is a climatologist with a broad interest in regional climate responses to human activities in Africa. He focuses on climate modelling for short term weather forecasts, and climate projections. His current research involves the development of regional climate change projections through the framework of distillation, downscaling and understanding the driving dynamics. One of his main interests is in modelling of extreme weather events, contributing to more accurate future projections, and ultimately to improve decision making at a city level. Izidine has active involvement at the science-policy interface through engagement with projects such as the Future Resilience of African Cities and Lands (FRACTAL) project as well as country-specific academic and consultancy projects aimed at informing policy makers. He is a regular lecturer on both undergraduate and postgraduate courses. Izidine is also the lead author of the 6th Assessment Report of the Intergovernmental Panel on Climate Change (IPCC), Working Group 1 and associate editor for the Weather and Climate Extremes Journal. He obtained a MSc in 2011 and a PhD degree in 2015 in atmospheric sciences from the University of Cape Town. He has contributed to consultancy at CSAG since 2015, is involved in several projects (e.g. CORDEX, FRACTAL), and has published over 15 peer-review journal papers and presented over 15 papers in international conferences.



## ALICE MCCLURE

RESEARCH STAFF

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### SHORT COURSE MODULE LEAD

Alice has been working at CSAG since 2016 and in the field of climate change and sustainable development since 2011. Alice's research interests span climate risk and vulnerability, climate governance, learning, climate adaptation and African cities resilience. She has particular expertise in integrating these research foci to inform climate-resilient decision making in African cities by bringing together networks of critical players (and funders) in addressing pressing climate risks. She is passionate about working with society to produce climate-related knowledge that supports transformations towards a better future. Alice obtained an MSc in Environmental Science from Rhodes University in 2011 and, in her spare time, is currently studying towards a PhD, through which she is exploring the value of transdisciplinary learning processes for governing complex, emergent problems associated with African urban climate risks.



## CHRISTOPHER JACK

DEPUTY DIRECTOR

SHORT COURSE  
MODULE LEAD

Christopher is currently the deputy director of CSAG playing a key oversight and leadership role. With a first degree in computer science from UCT in 1997 and initial roles in high performance computing, he has a deep understanding of the critical computational foundations of climate science. He obtained his PhD in climate dynamics in 2011 and has contributed to innovative climate science research within the group. However, over the past 10 years Christopher has built extensive experience and understanding in science-society engagement and communications and supporting decision making under uncertainty. This experience has been developed through a wide range of consulting/advisory activities as well as academic research activities in partnerships with a wide network of collaborators across Africa and internationally.

Christopher was co-PI on the recent R80 million DFID/NERC funded FRACTAL project, a widely acclaimed trans-disciplinary urban climate resilience research activity working across 9 cities in southern Africa. Christopher's passion is working with and across diverse disciplines and areas of expertise in complex problem spaces, hence his current interest in urban climate resilience in developing contexts.



## ANNA STEYNOR

RESEARCH STAFF/  
CLIMATE SERVICES LEAD

SHORT COURSE  
MODULE LEAD

Anna is the head of climate services at the Climate System Analysis Group, University of Cape Town. With a background in climate science and applied adaptation, she facilitates the robust use of climate information in adaptation decision-making. Anna implements and manages climate services projects at CSAG as well as implements regional capacity building initiatives. Her current research foci include the transdisciplinary co-production of climate information and the role of risk perceptions in the uptake and use of climate services in Africa.

## ADDITIONAL PRESENTERS & FACILITATORS FROM BOTH CSAG & EXTERNAL INSTITUTIONS

Anna Taylor

Bruce Hewitson

Chris Lennard

Jessica Lee

Kwesi Quagraine

Piotr Wolski

Temitope Egbebiyi



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