



**ASSAf**

**Presidential Roundtables:  
Science, Scholarship and Society**

## **Programme**

# **“The Human Costs of Climate Change?”**

14 July 2022, 10:00, Zoom Webinar

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**10:00**

### **Welcome & introductions**

#### **Professor Jonathan Jansen**

ASSAf President, Distinguished Professor in Education, Stellenbosch University

**10:10**

### **Opening Statements by Panelists (10 minutes per speaker)**

#### **Prof Mary Scholes**

ASSAf Council Member, Professor in the School of Animal, Plant and Environmental Sciences, University of the Witwatersrand, Research Chair in Global Change and Systems Analysis.

#### **Ms Alize le Roux**

Senior Researcher, African Futures and Innovation, The Institute of Security Studies

#### **Mr Matthew Hemming**

Sector Lead, Africa Infrastructure, SLR Consulting (South Africa)

**10:55**

### **Discussions and Q&A**

Prof Jonathan Jansen

### **Closing**

Prof Jonathan Jansen

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**science & innovation**

Department:  
Science and Innovation  
REPUBLIC OF SOUTH AFRICA




## BIOGRAPHIES FOR PANELLISTS

### PROF MARY SCHOLES




Prof Mary Scholes, a graduate of the University of the Witwatersrand, is currently a full professor in the School of Animal, Plant and Environmental Sciences and holder of a Research Chair in Global Change and Systems Analysis. Her research activities focus on systems analysis in a variety of disciplines including, soil fertility, food security and biogeochemistry in savannas, plantation forests and croplands. She is currently actively involved in monitoring water pollution, food security, forestry and climate change and policy implementation in South Africa. Her publication record is extensive; she has mentored over 85 postgraduate students and she teaches at postgraduate and undergraduate levels at the University. She has been awarded the Vice-Chancellors Teaching, Research and Academic Citizen Awards. She is a fellow of the Royal Society of South Africa, the South African Academy of Science, the World Academy of Sciences and the African Academy of Sciences. She is the recipient of several national and international awards including being elected as a foreign member of the Royal Swedish Academy of Agriculture and Forestry.

### MS ALIZE LE ROUX



Ms Alize Le Roux is a Senior Researcher in the African Futures and Innovation programme at the Institute for Security Studies (ISS). Before joining the ISS, she worked as a principal researcher at the CSIR where she supported various local and national policy and decision-makers with long term planning support. Alize specialises in multi-hazard risk assessments and spatial decision support systems. She has authored and co-authored more than 30 book chapters, journals and conference papers dealing with disaster risk reduction, climate change adaptation and long-term planning support.

### MR MATTHEW HEMMING



Mr Hemming is a SLR's lead for the Infrastructure Sector in Africa, supporting work for a wide range of services. He consults primarily in SLR's Environmental & Social Impact Assessment team. As a registered Environmental Assessment Practitioner, he has extensive experience with the full suite of South African environmental legislation and growing knowledge of International Lender's Policy and Performance Standards on Environmental and Social Sustainability. Mr Hemming's work involves advising clients on ESG and managing the enviro-legal process for a wide range of projects across Africa. In the past 3 years he has provided services to waste management, onshore and offshore oil and gas, industry and infrastructure projects.