

2009 CLIMATE CHANGE RESPONSE POLICY DEVELOPMENT SUMMIT

PART A: SPEAKERS' BIOGRAPHICAL DETAILS

PROFESSORE RAJENDRA PACHAURI



In 2002, Dr Rajendra Kumar Pachauri, an economist by training, was appointed as the Chair of the Intergovernmental Panel on Climate Change (IPCC), part of the United Nations. The IPCC is a scientific intergovernmental body tasked to evaluate the risk of climate changes caused by human activity. A main activity involves the publication of special reports on topics relevant to the implementation of the UN Framework Convention on Climate Change. A highlight of his tenure as chair was receiving a Nobel Peace Prize on behalf of the IPCC in 2007, shared with former Vice President of the United States Al Gore. Dr

Pachauri is also the Director General of the The Energy and Resources Institute in New Delhi, an institution devoted to researching and promoting sustainable development and the chancellor of TERI University. In 2001, he was awarded the Padma Bhushan, India's third highest civilian award in honour of his contributions to the environment.

MARTHINUS VAN SCHALKWYK, MP



Marthinus van Schalkwyk, MP has been the South African Minister of Environmental Affairs and Tourism since April 2004. He became an MP in 1990 and the Western Cape Premier in 2002. Having achieved a Masters' degree in Political Science from the Rand Afrikaans University (now the University of Johannesburg), he lectured there, as well as at the University of Stellenbosch before starting a career in politics. He received an award for academic excellence from the Transvaal Lawyers' Association and an Abe Bailey Bursary.

PRESIDENT OF THE REPUBLIC OF SOUTH AFRICA, KGALEMA MOTLANTHE



Kgalema Motlanthe is the President of the Republic of South Africa. Elected the African National Congress (ANC) Secretary General in 1997, he was elected ANC Deputy President in 2007. He was detained for 11 months for furthering the aims of the ANC in 1976. Arrested again in 1977, he was imprisoned on Robben Island for 10 years. After his release, he served as an organiser and later General Secretary of the National Union of Mineworkers (NUM).

CONNIE HEDEGAARD



Connie Hedegaard is the Danish Minister of for Climate and Energy, a position she has held since 23rd November 2007 as a member of the Cabinet of Anders Fogh Rasmussen III. Prior to this, she was appointed the Minister for the Environment, a position she held from 2nd August, 2004 until 23rd November 2007, as a member of the Cabinet Ander Fogh Rasmussen I and II. She is a member of the Conservative People's Party and was elected to parliament in 1984 for six years and then again proceeding the 2005 Danish Parliamentary election.

JEFF RADEBE, MP



Jeff Radebe, MP is the Minister of Transport and a member of the African National Congress (ANC) National Executive Committee. He was born in Cato Manor, KwaZulu Natal and joined the ANC underground during the student uprisings in 1976. In 1977, he left for Mozambique and was arrested when he returned to South Africa in 1986. He was imprisoned on Robben Island until 1990. He was elected chairperson of the ANC Southern Natal in 1991.

BUYELWA SONJICA, MP



Buyelwa Sonjica, MP is the Minister of Minerals and Energy since 2006, as well as being the Head, African National Congress (ANC) Department of Arts. Originally a nurse, she became a school teacher and started her political career as the ANC Whip in 1994. She then worked as Deputy Minister and Minister of the following departments: Arts, Culture, Science & Technology, Water Affairs & Forestry and Public Works. She studied at Rhodes and Vista Universities.

LINDIWE HENDRICKS, MP



Lindiwe Hendricks, MP became the Minister of Water Affairs and Forestry on 22nd May 2006. Prior to this position, she was the Minister of Minerals and Energy (June 2005 to May 2006) and the Deputy Minister of Trade and Industry (June 1999 to June 2005). Hon Hendricks also served as a Member of Parliament (1994 to 1999) where she was a member of the Justice and Constitutional Committee and others. Before being elected as a Member of Parliament, she served as an Advocate of the Supreme Court and has a LLB degree from the University of Fort Hare (1983)

Cllr AMOS MASONDO



Cllr Amos Masondo, the Mayor of the City of Johannesburg, has occupied this position since 2000. He started his administrative and political career as organizer and acting general secretary of the General and Allied Workers Union and then the Congress of South African Trade Unions (COSATU) education officer and Witwatersrand secretary. He was a Member of the Gauteng Province Executive Council and provincial treasurer. Closely involved with the African National Congress (ANC) for many years, he was elected to the National Executive Committee in 1997.

JERRY VILAKAZI



Jerry Vilakazi is currently the Chief Executive Officer of Business Unity South Africa. Previously, he was the Managing Director of the Black Management Forum, a membership organization representing thousands of managers. Jerry has held various positions in government starting in 1996 with the task of effecting transformation and affirmative action at the Department of Public Service and Administration. He has provided a wide range of advice at ministerial level on organizational structures and human resource policies and procedures.

BHEKI NTSHALINTSHALI



Bheki Ntshalintshali is the Deputy Secretary General of the Congress of South Africa Trade Unions (COSATU), a position he has held since 2000. His involvement in the trade union movement started when he joined the Chemical Workers Industrial Union, whilst working at Sasol 3 in Secunda. His involvement in COSATU dates back to 1986 when he was appointed by the organization to establish the COSATU Highveld Ridge region. After studying at the Ruskin College in Oxford, he was appointed as the Collective Bargaining co-ordinator in 1996 required to establish the Bargaining Council for the chemical industry.

DORAH LEBELO



Dorah Lebelo is the Executive Director of the GreenHouse Project, an environmental NGO that is establishing a center to demonstrate sustainable living and development in the northwest corner of Joubert Park, Johannesburg. She has worked for several organizations, fighting for environmental justice for vulnerable of South Africa. In July 2007, Dorah began co-hosting Citizens United for Renewable Energy and Sustainability (CURES) Southern Africa, an international network focusing on renewable energy and climate

change issues.

DR PHILEMON MJWARA



Dr.Mjwara became Director General: Department of Science and Technology in 2006, where he drives all related policy in South Africa. Involved with Human Capital Development, he previously worked at the CSIR. He headed the National Laser Centre in 2001 creating a network of laser centres (ALC). He has held positions at the universities of Pretoria, Witwatersrand, South Africa, Fort Hare and serves on the University of Johannesburg council, as well as on the World Platinum Board.

DR DIATHI STONE



Dr Stone, a research fellow in the University of Cape Town Climate Systems Analysis Group, focuses on the detection of climate change and its causes, and is developing a programme to evaluate weather risk caused by anthropogenic emissions. A post-doctoral fellow at Oxford University and Tyndall Centre for Climate Change, he lectured in Environmental Studies at the West Indies University and won an award for contributions to the Intergovernmental Panel on Climate Change.

DR MARK TADROSS



Dr Tadross is a University of Cape Town Climate Systems Analysis Group research fellow, exploring seasonal forecasting and climate change, focusing on the impacts on southern African agriculture. His Cambridge Ph.D in remote sensing of arctic sea ice was followed by employment in computer systems at Chilean astronomical sites. Recently, he has been analysing climate vulnerability and doing risk assessments for South Africa, Namibia and projects in Madagascar and Mozambique.

DR PEDRO MONTEIRO



Dr Monteiro is an oceanographer employed by the Council for Scientific and Industrial Research (CSIR) stationed in Stellenbosch. He has a Ph.D from the University of Cape Town (UCT) and specialises in ocean biogeochemistry, with an interest in the use of models to enhance understanding of the nature of biophysical process linkages at the system scale. Another research interest is the way carbon dioxide exchange in the Southern Ocean will adjust to global warming.

DR GUY MIDGLEY



Dr Midgley is Chief Director: Climate Change and Bio-adaptation of South African National Biodiversity Institute (SANBI), his employer since 1983. He studied at the universities of Stellenbosch, Cape Town, Natal (Ph.D. thesis medalist of the South African Association of Botanists). He works with international scientists on global change research; and serves on various committees i.e. South African National Climate Change Committee, International Panel on CC, Global Carbon Project. He co-chairs a UN CC & Biodiversity group and co-authored 'A Climate for Life' in 2008.

DR EMMA ARCHER



Dr Emma Archer, based with Climate Change at the CSIR Natural Resources and the Environment, has worked on climate change for more than a decade. Trained at UCT and at Clark University in the United States, her particular focus is climate change and managed ecosystems, ranging from intensive commercial agribusiness to managed reserves. She was previously employed as a senior researcher at the Climate Systems Analysis Group (CSAG) where she worked on climatic hazards and food security in southern Africa, also land degradation and grazing in semi-arid environments.

JOANNE YAWITCH

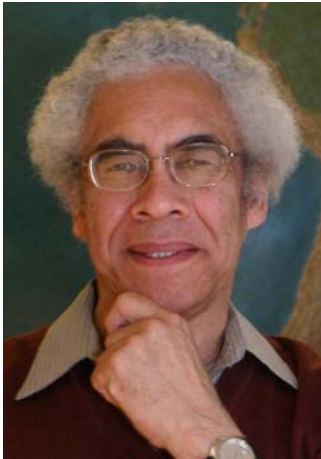


Joanne Yawitch is the Deputy Director General Environmental Quality and Protection for the Department of Environmental affairs and Tourism. Educated at the University of the Witwatersrand with a Development Studies MA, she did an M.Sc in Agricultural Development (cum laude) in London. She was also a special adviser to the Minister of Land affairs for three years and after that head of Sustainable Use of the Environment of the Gauteng Provincial Government for seven years.

PART B: SCIENCE DAY PANELLISTS

SESSION TWO

PROFESSOR GEORGE PHILANDER



George Philander is a Professor of Oceanography, University Cape Town as well as the Knox Taylor Professor of Geosciences, Princeton University (USA). He is currently the Research Director of the African Centre for Climate and Earth System Science (ACCESS) based in Cape Town. He is the editor of "Encyclopedia of Global Warming and Climate Change" comprised of 3 volumes and published by Sage Publications Ltd, California (2008).

DR PATIENCE GWAZE



Dr. Patience Gwaze is a scientist at the South African Weather Service (SAWS). She received her PhD from the University of Witwatersrand on atmospheric aerosol research she conducted at the Max Planck Institute for Chemistry in Mainz. She is currently working in the development of air quality modelling and forecasting systems in SAWS. Her research interests are in studying the transportation of regional pollutants and their possible impacts to southern Africa.

PROFESSOR HANNES RAUTENBACH



Prof C.J.deW. (Hannes) Rautenbach is currently Head of the Department of Geography, Geoinformatics and Meteorology (GGM) at the University of Pretoria and Acting-Director of the University of Pretoria Water Institute (UPWI). He is also President of the South African Society for Atmospheric Sciences (SASAS), and serves on the Council of the National Association of Clean Air (NACA). His Department at the University of Pretoria focuses on six disciplines, namely, Geomorphology, Social Geosciences, Geoinformatics, Meteorology, Environmental Sciences and Remote Sensing. All these disciplines

are very relevant to climate change studies. Prof Rautenbach specializes in the field of Meteorology where his interests are atmospheric speciali and the weather of climate change.

DR DIATHI STONE



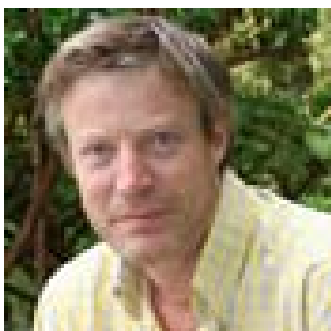
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SESSION THREE A

DR BARNEY KGOPE



Barney Kgope is a Principal Scientist for the Global Change Research Group with the South African National Biodiversity Institute. He is an ecophysiologicalist dealing with responses of South African mesic savanna and C4 grasses to past, present and future atmospheric CO₂ and interactions with fire.

DR SYLVESTER MPANDELI



Dr Sylvester Mpandeli is the Programme Manager for Climate change and Agricultural Risk Management at the Agricultural Research Council-Institute for Soil, Climate and Water (ARC-ISCW). Some of his main responsibilities include the marketing of the programme, initiating and developing projects and overseeing the management of projects. Dr Mpandeli fields of expertise are: agrometeorology, seasonal forecasting, agronomy, irrigation and Agricultural Risk Management. He completed a PhD degree in 2006 at the University of Witwatersrand, a Master's degree in 2001 at the University of Pretoria and two honours degrees in 1998 and 2000, both at the University of Pretoria. He completed his junior degree in 1997 at the University of Venda.

PROFESSOR ROLAND SCHULZE



Roland Schulze, who holds a PhD degree from the University of Natal as well as being a PH (USA) and a Fellow of the Royal Society of South Africa, is currently a Senior Research Associate in the School of Bioresources Engineering and Environmental Hydrology at the University of KwaZulu-Natal, from where he recently retired as Professor of Hydrology. Originally a hydrological model developer, his main focus now is on climate change related issues on the water and agricultural sectors and on hydro-climatic mapping. He is author of over 350 publications and has wide international lecturing and collaborative research experience.

DR JANE OLWOCH



Dr Jane Olwoch is a Senior Lecturer (Environmental Science) in the Centre for Environmental Studies and Department of Geography, Geo-informatics and Meteorology at University of Pretoria. Currently she is supervising 7 Masters and 3 PhD students in various climate change projects. She is working on RDP (UP) and THUTHUKA funded research project that assesses the relationship between Environmental Change and Malaria and cholera in Limpopo Province, South Africa.

DR GINA ZIERVOGEL



Gina Ziervogel is a lecturer in the Department of Environmental and Geographical Science at the University of Cape Town and a Research Fellow at the Stockholm Environment Institute. Gina's work focuses on how people, particularly the poor, interact with their social and physical environment in order to pursue their livelihoods and develop adaptation responses in the context of environmental change. Currently she is focusing on ways of integrating

scientific information in planning strategies in light of climate change across a number of scales. Gina completed her PhD in Geography at the University of Oxford in 2002 and has since been involved in numerous projects in southern Africa and internationally.

MS BELYNDA PETRIE

Belynda Petrie is the CEO of OneWorld Sustainable Investments. She holds an LLB and a Psychology Honours degree from the University of Cape Town and UNISA respectively, and has extensive corporate experience and background in strategy, human resources and corporate social responsibility at a listed company director level. Since co-founding OneWorld Sustainable Investments in 2001, Belynda has focused on development work and has had significant exposure to socio-economic studies, resource economics and climate change adaptation strategies. Belynda led the development of the Western Cape Climate Change Strategy and Action Plan in 2007. She is currently leading a 5-year climate change adaptation programme for the southern African region, funded by the UK government.

SESSION THREE B

MR KIM FRASER



Kim Fraser is the Sasol General Manager responsible for the Safety, Health and Environmental Centre. After graduating with chemical engineering and commerce degrees, his career in first AECI and then Sasol has included design and technical management, and then operations and business management of plastics and chemicals businesses. He was seconded to Chevron in Nigeria for three years to lead the establishment of the Escravos Gas to Liquids (EGTL) venture.

DR LLEWELLYN VAN WYK



Llewellyn van Wyk works for the Council for Scientific and Industrial Research (CSIR) in the Built Environment division. He is an expert on the construction sector, especially in the fields of sustainable building and construction activities, skills development, and advanced construction technologies. He qualified as an architect from the University of Cape Town in 1980.

DR VELAPHI MSIMANG

Dr Velaphi Msimang is the General Manager: Hydrogen and Energy subprogramme for the Department of Science and Technology. Previously he was a senior researcher at the Centre for Scientific and Industrial Research where he worked for the Natural Resources and the Environment division. He was employed by Sasol as a process engineer and began his career as a chemical engineer at the CSIR. He obtained his PhD in Chemical Engineering from the University of Cape Town in 2004. He was also awarded a Fullbright scholarship to study a Master of Engineering Studies.

MR STEF RAUBENHEIMER



Stefan Raubenheimer (BALLB) resides in Cape Town, South Africa. He is a qualified lawyer, arbitrator, mediator, facilitator and trainer. He is currently CEO and founding director of SouthSouthNorth Group, which has played a leading role in climate change issues since 1999. In addition, he facilitates various large projects, notably the South African Cabinet Mandated Long Term Mitigation Scenario Planning Project. He has assisted in the establishment of Designated National Authorities in South Africa,

Ghana, Namibia, Nigeria, Mauritius and Mozambique. He has led the facilitation of projects within the Development Bank of Southern Africa's Sustainable Communities Programme, applying development facilitation technologies, which he has developed over the last 15 years. He is a director of Energy Transformation cc, which develops climate change projects for the private sector. He is a senior associate and Programme Director for the Cambridge Programme for Industry, and trains at USB, GSB and GIBB. In addition, he is a Director of 3LawsCapital (Pty) Ltd.

MR SHUMANI MUGERI

Shumani Mugeru holds the position of Director: Environmental Analysis for the Department of Transport. He is a meteorologist by training and began his career as a weather forecaster, involved in climate change and disaster management from 2001 and has represented South Africa nationally, regionally and internationally.

MS MANDY RAMBHAROS

Mandy Rambharos is the Chief Advisor: Sustainability for Eskom. No further information available at time of printing.