

Titles of presentations accepted for oral presentation (as at 1st June 2012) – subject to change

Water legislation and public sector accountability

- * Catchment management as a means for increased spatial fit? The implementation of IWRM in South Africa (international perspective) – **Elke Herrfahrdt-Pahle, German Development Institute (Germany)**
- * Why government should lead stakeholder involvement in water resource management : theory meets practice in South Africa – **Mike Muller, Wits University Graduate School of Public & Development Management (South Africa)**
- * Panel discussion : Why is the South African water law a difficult draft to swallow? – **Convened by Dhesigen Naidoo and Eiman Karar, WRC (South Africa)**

Markers of good governance

- * Governance observations and lessons from the establishment of CMAs in South Africa – **Guy Pegram, Pegasys Strategy and Development (South Africa)**
- * Hope as an indicator of good governance – case studies in rain water harvesting and food security – **Jacqueline Goldin, University of the Western Cape (South Africa)**
- * Relationships and resources : quality of relationships as an indicator of good governance and peace-building for shared use of natural resources – **Brendan Bromwich, UNEP**
- * Snapshot of South Africa's water management status and what it indicates for overall good water governance – **Sabine Stuart-Hill, University of KwaZuluNatal (South Africa)**
- * Factors for success and failure in Integrated Water Resources Management – **Mariele Evers, University of Wuppertail (Germany)**
- * The language of sustainability : are governance structures part of it? – **Dimakatso Sefatso, AWARD (South Africa)**
- * How are the processes of water sector reform determined and implemented in Botswana? Water sector reform in Botswana : process and implementation – **Anthony Colman, University of East Anglia (UK)**
- * Policy development for sustainable transformations in the case of the water supply system in central northern Namibia – **Martin Zimmerman, Darmstadt University of Technology, IWAR (Germany)**
- * Local government in South Africa : opportunities and challenges related to water governance – **Adri Venter, Eon Consulting (South Africa)**
- * Governance lessons from the Flag Boschielo irrigation based joint venture schemes in South Africa – **Everisto Mapedza, IWMI (South Africa)**
- * Establishment of appropriate institutions – **Eustathia Bofilatos, Department of Water Affairs (South Africa)**

Understanding and managing the resource base

- * Increasing competition for finite water resources : options for the future – **John van Rooyen, Dept of Water Affairs (South Africa)**
- * Integration of biophysical economic and spatial tools into governance of resources – demonstrated in the Drakensberg Mountains, South Africa - **Chris Dickens, Institute of Natural Resources (South Africa)**
- * Governing freshwater in India under uncertainties in climate: challenges in implementing policies and adaptation strategies – **Shadanana Nair, Nansen Environmental Research Centre (India)**
- * Reservoir operating policies for environmental flows in large dams in the Zambezi River Basin – **Fortune Nyatsanza, UNESCO-IHE (The Netherlands)**

Applicable water regulation for enhanced accountability

- * The need to ensure accountability of water regulators – **Samantha Braid, Aurecon SA (South Africa)**
- * Regulating the water quality in SADC : the role of the mining industry – **Lebohang Makekeng, NERSA (South Africa)**
- * A quest for the legal framework for water use in mining – A South African context – **Tushar K Saha, National University of Lesotho (Lesotho)**
- * Putting an end to what is “not a crime” : observations on unlawful water abstraction in the Vaal River System – **Martin Ginster, North-West University (South Africa)**
- * The value of defining “trusteeship” for the proper governance of water – **Cheri Young, University of Cape Town (South Africa)**
- * The regulation of diffuse pollution : science, governance and water resources management – **Sarah Hendry, IHP-HELP, University of Dundee (UK)**

Water stewardship

- * Water stewardship as it is evolving in the mining sector – **Tony Turton, Water Stewardship Council Trust (South Africa)**
- * The complimentary role of stewardship in the water-related governance realm in South Africa – **Mark Dent, University of KwaZulu-Natal (South Africa)**
- * WWF/SA water balance programme : enabling private sector water stewardship and investments into functioning catchments – **Helen Gordon, World Wildlife Fund SA (South Africa)**

Water, food, energy nexus and environmental tradeoffs in a changing climate

- * Freshwater ecosystems conservation options with climate change – **Jamie Pittock, Australian National University (Australia)**
- * The impact of forests on water supply and flood prevention in a changing climate – **Gebhard Schueler, Research Institute for Forest Ecology (The Netherlands)**

- * Implementation challenges for environmental water allocation: IWRM and environmental flows principles to support management of the Colorado River, Mexico – **Lakshmi Charli-Joseph, UNAM National Laboratory for Sustainability Sciences (Mexico)**
- * Panel discussion : Mega nexus

Access and the right to water

- * Indigenous water values : insights from Australian water governance and management – **Dr Sue Jackson, CSIRO Ecosystem Sciences (Australia)**
- * Safe drinking water for first nations in Canada: statutes, sustainability and social justice – **Marie-Ann Bowden, University of Saskatchewan (Canada)**
- * Living out the dream? A contemporary history of mentalities amongst Mqohaka's water users and water workers – **Johan Templehoff, North-West University (South Africa)**
- * A service-based economy to resolve the conundrum between jobs and resources – **John Harrison, eThekweni Municipality (South Africa)**
- * The right to have access to adequate water constitutionally guaranteed in South Africa: a myth or reality? – **Kola Odeku, University of Limpopo (South Africa)**
- * Panel Discussion

Groundwater governance

- * Results of the regional consultation for sub-Saharan Africa regions on a “Groundwater Governance” : a global framework for country action – **Alice Aureli, UNESCO-IHP (Switzerland)**
- * Groundwater governance of four productive aquifers in South Africa – **Kevin Pietersen, SLR Consulting (South Africa)**
- * Requirements for adaptive governance of groundwater ecosystem services – insights from Sandveld (South Africa), Upper Guadiana (Spain) and spree (Germany) – **Kathrin Knüppe, University of Osnabrück (Germany)**
- * Water users and government collaboration : a recipe for successful groundwater governance – **Teunis Vahrmeijer, University of Pretoria (South Africa)**
- * Water rights or water wrongs? Unpacking informal use of groundwater in Spain – **Elena Lopez-Gunn, Univ Complutense de Madrid (Spain)**
- * Ground water declines and land use in the low veld of Zimbabwe ; identifying sustainable options – **Ephraim Chifamba, Great Zimbabwe University (Zimbabwe)**
- * Panel discussion : Regulation of interception by forestry in water allocation plans in Australia – **Co-ordinated by Prof Jennifer McKay, UniSA (Australia)**

Transboundary water governance

- * Land acquisitions : how will they impact transboundary waters? - **Anders Jägerskog, SIWI (Sweden)**

- * Blending scientific knowledge and water policy in transboundary water management : its successes and challenges in the Komati River Basin – **Dumisani Mndzebele, Komati Basin Water Authority (South Africa)**
- * Towards sustainable water governance of the Mekong River: grand challenges for all stakeholder participatory processes – **Voranuch Wangsuphachart, Mahidol University (Thailand)**
- * Benefit-sharing of international projects revisited : case study of the LHWP – **Peter van Niekerk, University of Stellenbosch, Dept of Water Affairs (South Africa)**
- * Transboundary river basin management can contribute significantly to peace and prosperity – **Ele Jan Saaf, SaafConsult (Netherlands)**

Ecosystem services

- * The feasibility of market-based payment for ecosystem services : agreements in the KZN and Eastern Cape Drakensberg – **Kevin Zunckel, SANBI (South Africa)**
- * The CarboWet Foundation and the development of a methodology for the certification of greenhouse gas storage in wetlands – **Ele Jan Saaf, CarboWet Foundation (Netherlands)**
- * Drought vulnerability assessment and institutional building for effective watershed management in arid and semi-arid regions in Andhra Pradesh – **Suvarna Chandrappagari, Government of Andhra Pradesh (India)**
- * Fresh water governance for sustainable development in an ecosystem context : a case of Lake Tanganyika, Zambia – **Lloyd Haambiya, Ministry of Agriculture & Livestock (Zambia)**
- * Can payment for watershed augment watershed conservation and sustainable water flow? Empirics from Pangani River Basin, Tanzania – **Makarius Lalika, Sokoine University of Agriculture (Tanzania)**

Business and adaptive water governance

- * Can a retailer contribute to adaptive and sustainable polycentric water governance in South Africa? – **Nadine Methner, University of Cape Town (South Africa)**
- * Managing business water risks and its implications on water governance : game changer or business as usual? – **Mao Amis, Pegasys Strategy and Development (South Africa)**
- * Business contributions to climate change adaptation – from coping to transformation? Insights from South Africa and Germany – **Nicole Kranz, Freie University Berlin/GIZ (Germany)**

Investing in water security for growth and climate resilience development

- * Community driven water investments – **Barbara van Koppen, IWMI (South Africa)**
- * Funding models for financing water infrastructure in South Africa : framework and critical analysis of alternatives – **Cornelius Ruiters, CSIR (South Africa)**

Multi-level water governance and adaptive management

- * Essential network and process linkages required for polycentric environmental governance : two heuristics which help achieve IWRM – **Harry Biggs, SANParks (South Africa)**
- * The role of water user associations in viable decentralization for adaptive management – **Samantha Adey, Breede-Overberg CMA (South Africa)**
- * *Rethinking operational water management for the Inkomati River Basin (RISKOMAN)* – **Kevin Rogers, University of the Witwatersrand/CWE (South Africa)**
- * Water user associations in South Africa: evolving interpretations and consequences on newly established associations – **Maud Orne-Gliemann, University of Pretoria (South Africa)**
- * Water governance and traditional leadership in South Africa: decentralization options – **Barbara Tapela, Institute for Poverty Land & Agrarian Studies (South Africa)**
- * Governability of South Africa's water resources : towards a framework for analysis – **Richard Meissner, NRE, CSIR (South Africa)**
- * Emerging issues in the implementation of irrigation and drainage sector reforms in Sindh Province of Pakistan – **Junaid Alam Memon, Pakistan Institute of Development Economics (Pakistan)**
- * IWRM towards large-scale desalination in South Africa – **Dawid Bosman, TCTA (South Africa)**
- * A sustainable operational governance framework as an effective water service delivery for water boards in South Africa – **Tseliso Ntli, Nelson Mandela Metro University (South Africa)**
- * The role of IWRM strategies and plans as building blocks for co-operative governance in shared river basins – **Andrew Tanner, Aurecon SA (South Africa)**

Tools for implementation

- * Water simulation games, can they work in contested contexts? – **Derick du Toit, AWARD (South Africa)**
- * The mini-SASS (Stream Assessment Scoring System) biomonitoring tool as a resource for improved fresh water governance for sustainable development in Africa – **Mark Graham, GroundTruth Water, Wetlands and Environmental Engineering (South Africa)**
- * A game theoretic analysis of the evolution of co-operation in small scale irrigation canal systems – **Hans Charles Komakech, Nelson Mandela Africa Institute of Science & Technology (South Africa)**
- * Measuring impacts of social learning activities to consolidate meso-scale institutions for water and natural water resources management – **Melanie Pommerieux, CIRAD/INR (France)**
- * Development dynamics for a tool for CMAs – **Claudia McKenzie, Jeffares & Green (South Africa)**
- * Scenarios for the South African water sector in 2025 – **Nikki Funke, CSIR (South Africa)**
- * Bridging the skills Gap: a tool for the development of sound catchment management strategies and water distribution plans – **Tanya Lane-Visser, University of Stellenbosch (South Africa)**

- * Role of spatial planning tools in the management of natural resource management in Africa – **Masoom Hamdard, UNESCO-IHE (Netherlands)**
- * Can we learn from the past? Evaluating past drought policies to better face the future – **Lucia de Stefano, Complutense University of Madrid (Spain)**
- * Building water governance capacity in East Africa – **John Owino, IUCN (Kenya)**
- * Water distribution : Rand Water urban water systems challenges – **S M Enos Ngobe, Rand Water (South Africa)**
- * Water governance of Lake Victoria – the role in negotiations towards redefining the management of the lake's water resources – **David Bosuben, Ministry of Water & Irrigation (Kenya)**

Communicating research and creating innovation

- * The role of academic research and engagement in international water policy : the Universities Consortium on Colombia River Governance – **Barbara Cosens, Idaho College of Law and Water (USA)**
- * Water research in South Africa : results and futures from participatory processes – **Raymond Siebrits, University of Cape Town (South Africa)**
- * Governance in practice developing and working towards implementing a research uptake strategy for the upper Olifants Catchment – **Karen Nortje, CSIR (South Africa)**
- * Round table discussion : fresh water governance – from science to policy – **Co-ordinated by Rivka Kfir, University of Pretoria (South Africa)**

The role of international prescription of water governance

- * A community in the Orange : the development of a multi-level water governance framework in the Orange-Senqu River Basin in Southern Africa – **Inga Jacobs, Water Research Commission (South Africa)**
- * The international circulation of policy norms in the water sector : the South African National Water Act as a case in point? – **Magalie Bourblanc, CIRAD/CEPA/University of Pretoria (France/South Africa)**
- * From regional to global powers: building legitimacy. The cases of Brazil, China, India and South Africa on transboundary water resources – **Alexis Carles, FNRS (Belgium)**
- * A property rights approach to fresh water governance : insights from southern African case studies – **Bimo Nkhata, Monash University of SA (South Africa)**
- * Compulsory licensing case studies – first lessons – **Ashwin Seetal, SSI Engineering and Environmental Consultants (South Africa)**

The state of water research and development

- * An impact-driven response to South Africa's water challenges – CSIR's water sustainability flagship – **Harrison Pienaar, CSIR (South Africa)**

Incomati River Basin Science Symposium (pre-conference)

- * Integrating stakeholders preferences into water resources management planning at basin level. The case of Incomati River basin – **Jordi Gallego-Ayala, Water Research Institute of Mozambique (Mozambique)**
- * WATPLAN – Spatial Earth Observation Monitoring for Planning and Water Allocation in the International Incomati Basin – managing water from the catchment down to field scale and across international borders – **Caren Jarman, University of KwaZulu-Natal (South Africa)**
- * Socio-economic impact of invasive aquatic plants in the Incomati Basin River in Mozambique – **Silvia da Fatima Langa, Universidade Eduardo Mondlane (Mozambique)**
- * Exploring critical feedback components of strategic adaptive management associated with implementation of the ecological reserve in South Africa – **Craig McLoughlin, SANParks, University of New England (Australia)**
- * The impact of the Komati Project: Phase 1B. Resettlement programme, policy-successes and failures : the case of the Maguga Dam Project in Swaziland – **Sibonanga Mkhathwa, KOBASA (Swaziland)**
- * Analysing water allocation in a closing transboundary basin – the Komati case – **Fadzai Mukororira, Department of Irrigation (Zimbabwe)**
- * Contesting linear and fragmented approaches to freshwater governance: the emergence of IWRM in the transboundary rivers of the southern African lowveld – **Sharon Pollard, AWARD (South Africa)**
- * Risk-based operational water management for the Inkomati River Basin (RISKOMAN) – **Eddie Riddell, University of KwaZulu Natal (South Africa)**
- * Isotopic and hydrochemical river profile of the Incomati River Basin – **Aline Saraiva Okello, UNESCO-IHE (Netherlands)**

Role playing games : demonstrations in exhibition area

- * Serious water games targeted at high school children in South Africa – **Jane Ballot, Teach and Write (South Africa)**
- * Wat-A-Game: a toolkit for building role-playing games about water management – **Raphaëlle Ducrot, CIRAD/UMR G-EAU (Mozambique)**

Bridging the gender gap in water governance

- * Rural women's land rights – towards a gender sensitive framework – **Vongai Murugani, University of KwaZulu-Natal (South Africa)**
- * Water resource management: a shift from gender-biased to gender-based approach – **Shikha Vyas-Doorgapersad, North-West University (South Africa)**

Titles of 'Special Sessions' are shown in the FINAL CONFERENCE ANNOUNCEMENT BROCHURE listed separately on this website