

INTERNATIONAL CONFERENCE ON FRESH WATER GOVERNANCE FOR SUSTAINABLE DEVELOPMENT

4th to 7th November 2012 : Drakensburg Sports Resort : 19th Draft

Sunday, 4th November 2012

| | |
|-----------------|--|
| 16:30 - 18:00 | EARLY REGISTRATION |
| 12:00 : 17:30 | Half-day (afternoon) session INCOMATI SPECIAL SESSION |
| 16:00 – 18:00 | EARLY REGISTRATION |
| 18:00 – ± 20:30 | Meet-and-greet reception and opening of the exhibition : Buttress Room followed by Drum Café : outside on the steps of the Sentinel |

1st DAY: Monday, 5th November 2012

THEME: WATER GOVERNANCE IN CONTEXT

| | |
|---------------|---|
| 08:00 – 08:30 | LATE REGISTRATION |
| 08:15 – 08:30 | <i>Briefing session – for presenters and chairmen of the day in their respective venues</i> |
| | SESSION 1 : OPENING PLENARY - GOVERNANCE IN CONTEXT Chair: Mr Dhesigen Naidoo, CEO, Water Research Commission |
| 08:30 – 09:00 | WELCOME AND OPENING ADDRESS: Ms Barbara Schreiner: Chair of the Board of the Water Research Commission |
| 09:00 – 09:15 | GREETINGS : Phera Ramoeli, SADC Water Division |
| 09:15 – 09:30 | OPENING ADDRESS: Mrs Edna Molewa, Minister of Water Affairs, Department of Water Affairs <i>(To be confirmed)</i> |
| 09:30 – 10:00 | KEYNOTE ADDRESS: The political economy of water: expanding demand and diminishing supply - Prof Ali Mazrui, Director, Institute of Global Cultural Studies, Binghamton University (USA) |
| 10:00 – 10:30 | <i>TEA – and exhibition viewing</i> |
| | SESSION 2 : WATER LEGISLATION AND PUBLIC SECTOR ACCOUNTABILITY Chair/Facilitator: Prof Ola Busari (TCTA) |
| | Panel discussion : Why is the South African water law a difficult draft to swallow? |

| | | | | | |
|--|---|--|---|---|--|
| 11:00 – 12:30 | Convenor/facilitator: Dhesigen Naidoo, Water Research Commission Panellists: Barbara Schreiner, Olivia Rumble, Prof Jamie Pittock, ANU, Representative from HSRC, Bridgitte Mabandla, <i>(To be confirmed)</i> | | | | |
| 12:30 – 13:30 | LUNCH Inter-university water law debating exchange I / Film : “From concept to tap” | | | | |
| Parallel Sessions 13:30 – 14:45 | SESSION 3 : MARKERS OF GOOD GOVERNANCE Chair: Dr Andrew Achou Enow (NRF) Rapporteur: | SESSION 4 : MULTI-LEVEL WATER GOVERNANCE AND ADAP-TIVE MANAGEMENT and THE ROLE OF INTERNATIONAL PRESCRIPTION OF WATER GOVERNANCE Chair: Dr H Biggs (SANParks) Rapporteur: | SESSION 5 : APPLICABLE WATER REGULATION FOR ENHANCED ACCOUNTABILITY Chair: Mr Helgard Muller (DWA) Rapporteur: | Org by : Themba Gumbo, Hakon Tropp & Jay Bhagwan PROMOTING WATER INTEGRITY AND TRANSPARENCY IN THE SADC REGION SPECIAL SESSION : | Org by : Nicole Kranz & Nadien Methner SPECIAL SESSION : IS IT A SHAPE-SHIFTER TO BUSINESS? |
| 13:30 – 13:50 <i>(20 min presentations)</i> | Keynote : Mike Muller, Univ of the witwatersrands – Why government should lead stakeholder involvement in water resources management : theory meets practice in South Africa | Keynote : Andrew Tanner, Aurecon SA – The role of IWRM strategies and plans as building blocks for co-operative governance in shared river basins | Keynote : Martin Ginster, North-West University – Putting an end to what is “not a crime” : observations on unlawful water abstraction in the Vaal River System | | |
| 13:50 – 14:10 | Guy Pegram : Pegasys Strategy & Development – Governance observations and lessons from the establishment of CMAs in South Africa | Samantha Adey, Breede-Overberg CMA – Lessons learned from the Breede Water Management area | Samantha Braid, Aurecon SA – The need to ensure accountability of water resource regulators | | |
| 14:10 – 14:30 | Sabine Stuart-Hill, Univ of KwaZulu Natal – Snapshot of South Africa’s water management status and what it indicates for overall good water governance | Kevin Rogers, Univ of the Witwatersrand/CWE – Re-thinking decision making across the policy/action interface | Lebohang Makekeng, NERSA – Regulating the water quality in SADC : the role of the mining industry | | |
| 14:30 – 14:50 | Mariele Evers, Univ of Wuppertal (Germany): Factors for success and failure in Integrated Water Resources management | Maud Orne-Gliemann, Univ of Pretoria – Water user associations in South Africa: evolving interpretations and consequences on newly established associations | Cheri Young, Univ of Cape Town – The value of defining “trusteeship” for the proper governance of water | | |
| 14:50 – 15:10 | Adri Venter, Eon Consulting – Local government in South Africa : opportunities and challenges related to water governance | Barbara Tapela, Inst for Poverty, Land & Agrarian Studies – Water governance and traditional leadership in South Africa : decentralization options | Sarah Hendry, IHP-HELP, Univ of Dundee (UK) – The regulation of diffuse pollution – science, governance and water resources management | | |
| 15:10 – 15:40 | TEA – and exhibition viewing Demonstration : Wat-a-Game – a toolkit for building role-playing games about water management (CIRAD – UMR G-eau) | | | | |

| | | | | | |
|--------------------------|---|--|---|--|--|
| Parallel sessions | SESSION 6 : MARKERS OF GOOD GOVERNANCE (Session contined.....) Chair: Dr Chris Dickens (INR) Rapporteur: Mr Emidio Dimande, IIA | SESSION 7 : MULTI-LEVEL WATER GOVERNANCE AND ADAPTIVE MANAGEMENT and THE ROLE OF INTERNATIONAL PRESCRIPTION OF WATER GOVERNANCE Chair: Mrs Ruth Beukman (GWP) Rapporteur: Ms Tarryn Quayle, ICLEI | MAINSTREAMING INNOVATIONS : LESSONS FROM CHALLENGE PROGRAM WATER AND FOOD RESEARCH ON SMALL RESERVOIRS AND MULTIPLE USE SYSTEMS SPECIAL SESSION : Org by: Dr Hannah Jaenicke | SUSTAINABLE PATHWAYS TOWARDS INCREASED WATER SECURITY IN TIMES OF GLOBAL CHANGES SPECIAL SESSION : Org by : Prof Claudia Pahl-Wostl | SIDE SESSION : EFFECTIVE WATER GOVERNANCE : COMPARATIVE AND THEORETICAL PERSPECTIVES SPECIAL SESSION Org by : Prof Larry Swatuk (Canada) and Lewis Jonker |
| 15:40 – 16:00 | Keynote: Brendan Bromwich, UNEP – Relationships and resources : quality of relationships as an indicator of good governance and peace-building for shared use of natural resources | Keynote: Aziza Akhmouch, OECD – Multilevel governance based on the water chapter 2050 | | | |
| 16:00 – 16:20 | Jacqueline Goldin, Univ the Western Cape – Hope as an indicator of good governance : case studies in rain water harvesting and food security | Ashwin Seetal, SSI Engs & Environ Consultants – Compulsory licensing case studies – first lessons | | | |
| 16:20 – 16:40 | Martin Zimmerman, Darmstadt Univ of Techn/IWAR (Germany) : Policy development for sustainable transformations. The analysis of systemic feedback loops in the case of the water supply in central northern Namibia | Elke Herrfahrtd-Pahle, Germany Development Institute (Germany) – Catchment management as a means for increased spatial fit? The implementation of IWRM in South Africa | | | |
| 16:40 – 17:00 | Dimakatso Sefatso, AWARD – The language of sustainability : are governance structures part of it? <i>Presented by Derick du Toit</i> | Magalie Bourblanc, CIRAD/CEPPA/Univ of Pretoria – The international dissemination of policy norms in the water sector : the South African national Water Act as a case in point? | | | |
| 17:00 – 17:20 | Everisto Mapedza, IWMI : Governance lessons from the Flag Boschielo irrigation based joint venture schemes in South Africa | Alexis Carles, FNRS (Belgium) – From regional to global powers: building legitimacy. The cases of Brazil, China, India and South Africa on transboundary water resources | | | |
| 17:20 – 17:40 | Richard Meissner, NRE, CSIR – Governability of South Africa’s water resources : towards a progressive framework for analysis | Dawid Bosman, TCTA – Integrated water resourcesmanagement – towards large-scale desalination in South Africa | | | |
| 17:40 – 18:00 | Junaid Alam Memon, Pakistan Insty of Dev Economy (Pakistan) – Emerging issues in the implementation of irrigation and drainage sector reforms in Sindh Prov of Pakistan | Tseliso Ntili, Nelson Mandela Metro Univ – A sustainable operational governance framework as an effective water service delivery for water boards in South Africa | | | |
| 19:00 | CONFERENCE DINNER | | | | |

2nd DAY: Tuesday, 6th November
THEME: WATER AND ITS LINKAGES

| | | | | |
|--------------------------|---|---|---|--|
| 07:45 – 08:00 | <i>Briefing session for presenters and chairmen of the day</i> | | | |
| | SESSION 8 : WATER - FOR EVERYONE AND EVERYTHING Convenor : Ms Thandeka Mbassa, Director General : Dept of Water Affairs | | | |
| 08:00 – 08:30 | Keynote 1 : The role of water in development - Mike Muller, National Planning Commission | | | |
| 08:30 – 09:00 | Keynote 2 : Access and the right to water – Dr Ursula Eid, Vice-Chair : UNSGAB (United Nations Secretary General’s Advisory Board on Water & Sanitation), (Germany) | | | |
| 09:00 – 09:30 | Keynote 3 : Transboundary water governance - Reggie Tekateka, Chairman : ANBO African Network of Basin Organisations) / GWP / AMCOW | | | |
| 09:30 – 10:30 | Keynote 4 : Lessons for the water-energy-food-climate tradeoffs with expansion of unconventional gas production in the US and Australia – Prof John Williams, Wentworth Group of Concerned Scientists (Australia) | | | |
| 10:30 – 11:00 | <i>TEA – and exhibition viewing</i> Demonstration of serious (web-based) water games – DHI | | | |
| Parallel sessions | SESSION 9 : TOOLS FOR IMPLEMENTATION Chair: Dr Themba Gumbo (Cap-net UNDP) Rapporteur: | SESSION 10 : ACCESS AND THE RIGHT TO WATER Chair: Hameeda Deedat (SAWC) Rapporteur: | SESSION 11 : TRANSBOUNDARY WATER GOVERNANCE Chair: Phera Ramoeli (SADC Water Division) Rapporteur: GIZ Session organizer: ORASECOM | SPECIAL SESSION : WATER, FOOD, ENERGY NEXUS AND ENVIRONMENTAL TRADEOFFS IN A CHANGING CLIMATE Org by : Prof Jamie Pittock |
| 11:00 – 11:20 | Keynote: Nikki Funke, CSIR – Scenarios for the South African water sector in 2025 | Keynote1 : Sue Jackson, CSIRO Ecosystem Sciences (Australia) – Indigenous water values : insights from Australian water governance and management | Dumisani Mndzebele, KOBWA – Blending scientific knowledge and water policy in transboundary wter management: its successes and challenges in the Komati Basin | |
| 11:20 – 11:40 | Derick du Toit, AWARD – Water simulation games, can they work in contested contexts? | Keynote2: Gert Jan Veldwisch, University of Wageningen (Germany) - | Kuiri Tjipangandjara, Namibia Water Corp – Kunene Transboundary Water Supply Project: Angola and Namibia – improving water supply security through maximizing benefits sharing | |
| 11:40 – 12:00 | Mark Graham, GroundTruth Water, Wetlands & Environ Eng – The miniSASS (Stream Assessment Scoring System) biomonitoring tool as a resource for improved fresh water governance for sustainable development in Africa | Johan Templehoff, North-West Univ – Living out the dream? A contemporary history of mentalities amongst Moqhaka’s water users and water workers | Akiko Yamamoto, UNDP-GEF – GEF international waters : lessons in transboundary collaborations on share water systems in southern Africa | |
| 12:00 – 12:20 | Hans Charles Komakech, NMA Inst of S&T (Tanzania) – A game theoretic analysis of the evolution of co-operation in small scale irrigation canal systems | John Harrison, eThekweni Municipality – A service-based economy to resolve the conundrum between jobs and resources | Ele Jan Saaf, SaafConsult (The Netherlands) – Transboundary river basin management can contribute significantly to peace and prosperity | |

| | | | | |
|----------------------|--|---|--|--|
| 12:20 – 12:40 | Melanie Pommerieux, CIRAD/INR – Measuring impacts of social learning activities to consolidate meso-scale institutions for water and natural resources management <i>To be presented by Raphaëlle Ducrot</i> | Kola Odeku, Univ of Limpopo – The right to have access to adequate water constitutionally guaranteed in South Africa: a myth or reality? | Inga Jacobs, WRC – A community in the Orange: the development of a multi-level water governance framework in the Orange-Senqu River Basin in southern Africa | |
| 12:40 – 13:00 | S M Enos Ngobe, Rand Water – Rand Water urban water systems challenges | PANEL DISCUSSION – Chaired by: Barbara Tapela: Inst for Poverty Land & Agrarian Studies – * Gert Jan Veldwisch, Waageningen Univ. * Ursula Eid Vice-Chair UNSGAB * Jay Bhagwan, WRC * Ms Thandeka Mbassa, DWA * William Moraka SALGA? | PANEL DISCUSSION – Panellists : Executive secretaries and CEOs of trans-boundary river basin organisations and Authorities will, among others, reflect on issues emanating from the presentations and audience using examples from their own river basins: * Eben Chiunguica, OKACOM * Sergio Siteo, LIMCOM * Michael Mutale, ZAMCOM * Siphonkambule, KOBWA * Lenka Thamae, ORASECOM | |
| 13:00 – 13:20 | DISCUSSION | | | |
| 13:20 – 14:20 | LUNCH 13:30 – 14:20 Inter-university water law debating exchange II / 13:30 – 14:20 - Australian Centre for International Agricultural Research (ACIAR) meeting | | | |
| | SESSION 12 : GROUNDWATER GOVERNANCE Chair: Dr Shafick Adams (WRC) Rapporteur: | SESSION 13 : TOOLS FOR IMPLEMENTATION Chair: Mrs Sabine Steward-Hill, (Univ of KZN) Rapporteur: | SESSION 14 : UNDERSTANDING AND MANAGING THE RESOURCE BASE. Chair: Dr Harrison Pienaar (CSIR) Rapporteur: | SPECIAL SESSION BRIDGING THE GENDER GAP IN WATER GOVERNANCE Org : Dr Mercy Dikito-Wachmeister/WRC/IWM/AMCOW and GWP |
| 14:20 – 14:40 | Keynote: Alice Aureli, UNESCO-IHP (Switzerland) – Results of the regional consultation for sub-Saharan Africa region of the “Groundwater Governance : a global framework for country action” project. <i>Presented by Youseff Filali-Meknassi</i> | Keynote : Tanya Lane-Visser, Univ of Stellenbosch – Bridging the skills gap: a tool for the development of sound catchment management strategies and water distribution plans | Keynote: John van Rooyen, Dept of Water Affairs – increasing competition for finite water resources : options for the future | |
| 14:40 – 15:00 | Kevin Pietersen, SLR Consulting – Groundwater governance of four productive aquifers in South Africa. <i>Presented by Jude Cobbing</i> | Masoon Hamdard, UNESCO-IHE (The Netherlands) – Role of spatial planning tools at meso-level in the management of natural resources in Africa, lessons learnt from African countries | Gebhard Scheuler, Research Institute for Forestry Economy (Germany) – The impact of forests on water supply and flood prevention in a changing climate | |
| 15:00 – 15:10 | Kathrin Knüppe, Univ of Osnabrück (Germany) – Requirements for adaptive governance of groundwater ecosystem services – insights from Sandveld (South Africa), | Lucia de Stefano, Complut Univ of Madrid (Spain) – Can we learn from the past? Evaluating past drought policies to better face the future | Krishna Denver Naidoo, Univ of Kwa-Zulu-Natal – Towards sustainable livelihoods through water use security: insights from small-scale irrigation schemes in Limpopo Province | |

| | | | | |
|----------------------|--|--|--|---|
| | Upper Guadiana (Spain) and Spree (Germany) | | | |
| 15:10 – 15:30 | Teunis Vahrmeijer, Univ of Pretoria – Water users and government collaboration : a recipe for successful groundwater governance | John Owino, IUCN (Kenya) – Building water governance capacity in East Africa (Kenya, Tanzania and Uganda) | Chris Dickens, INR : Integration of biophysical economic and spatial tools into governance of resources – demonstrated in the Drakensberg Mountains, South Africa | |
| SPARE | | | | |
| 15:30 - 16:00 | TEA – and exhibition viewing | | | |
| | SESSION 15 : GROUND WATER GOVERNANCE (Session continued ...) | Org by : Adrian Sym. Alliance for Water Stewardship (Germany) SPECIAL SESSION : WATER STEWARDSHIP | Org : Dr Inga Jacobs, WRC & Raymond Siebrits, UCT SPECIAL SESSION : STATE OF WATER RESEARCH AND DEVELOPMENT IN SOUTH AFRICA | Org : Dr Mercy Dikito-Wachmeister/WRC/IWMI/AMCOW and GWP BRIDGING THE GENDER GAP IN WATER GOVERNANCE (continued ...) SPECIAL SESSION THE GENDER GAP IN WATER GOVERNANCE |
| 16:00 – 16:20 | Ephrain Chifamba, Great Zimbabwe University (Zimbabwe) - Ground water declines and land use in the low veld of Zimbabwe : identifying sustainable options | | | |
| 16:20 – 16:40 | Fortune Nyatsanza, UNESCO-IHE (The Netherlands) – Reservoir operating policies for environmental flows in large dams in the Zambezi River Basin | | | |
| 16:40 – 17:00 | PANEL DISCUSSION : Regulation of interception of forestry in water allocation plans in Australia – organized by Prof Jennifer McKay, UniSA (Australia) and Dr Shafick Adams, WRC/UNESCO | | | |
| 17:00 – 17:20 | | | | |
| 19:00 | INFORMAL DINNER in dining room for residents and non-residents + free evening for discussions | | | |

3rd DAY: Wednesday, 7th November
THEME: ADAPTIVE WATER GOVERNANCE AND ITS IMPLEMENTATION

| | | | | |
|--------------------------|--|---|---|--|
| 07:45 – 08:00 | | | | |
| Parallel sessions | SESSION 16 : ECOSYSTEM SERVICES Chair: Dr Stanley Liphadzi, (WRC) & Ms Ndileka Mohapi, DWA Rapporteur: | SPECIAL SESSION : WATER MANAGEMENT IN SEMI-ARID FEDERAL RIVERS Org by : Dustin Garrick, Univ of Oxford (UK) | SPECIAL SESSION : INVESTING IN WATER SECURITY FOR GROWTH AND CLIMATE RESILIENCE DEVELOPMENT Org by : Andrew Takawira, GWP/AMCOW | SPECIAL SESSION : MORE SYSTEMIC, MORE ADAPTIVE : THE WAY FORWARD FOR WATER GOVERNANCE? Org by : Prof Ray Ison (UK), Dr Harry Biggs and Sharon Pollard |
| 08:00 – 08:20 | Kevin Zunckel, SANBI – The feasibility of market-based payment for ecosystem services : agreements in the KZN and Eastern Cape Drakensberg | | | |
| 08:20 – 08:40 | Sabrina Doetjies, CarboWet Foundation (The Netherlands) – The CarboWet Foundation and the development of a methodology for the certification of greenhouse gas storage in wetlands – <i>Presented by Ele Jan Saaf</i> | | | |
| 08:40 – 09:00 | Surarna Chandrappagari, Govn of Andra Pradesh (India) – Drought vulnerability assessment and institution building for effective watershed management in arid and semi-arid regions of Andhra Pradesh, India | | | |
| 09:00 – 09:20 | Lloyd Haambiya, Ministry of Agric & Livestock (Zambia) – Local institutions in promoting community participation in artisanal fisheries management in Malawi : a case of Mbenji Island Fisher. | | | |
| 09:20 – 09:40 | Bimo Nkhata, Monash University of South Africa – A property rights approach to fresh water governance : insights from southern African case studies | | | |
| 09:40– 10:00 | | | | |
| 10:00 – 10:30 | | | | |
| | CLOSING PLENARY | | | |
| | Chair: | | | |
| | 1. Where to from here? : Hastings Chikoko, Regional Rep of IUCN in South Africa | | | |
| | 2. Plans for next Freshwater Governance, 2014 : Prof Jennifer McKay, University of South Australia | | | |
| | 3. Inter-university water law debating exchange II - <i>final session and judging.</i> (45 mins) | | | |
| | Rejoice Mabhudafhasi, Deputy Minister of Water Affairs - <i>(To be confirmed)</i> | | | |
| 12:30 – 13:30 | SEATED LUNCH : in the dining room | | | |

| | |
|-------|---|
| | |
| 14:30 | BUS DEPARTS FOR O R TAMBO AIRPORT, JOHANNESBURG |