

CURRICULUM VITAE: Dr. Anthony Turton

Company Name	TouchStone Resources (Pty) Ltd
Nationality	Anthony Richard TURTON
Date of Birth	South African
Profession	23.06.1954
Position	Political Scientist (Hydropolitics)
Specialisation	Director
	Strategic planning, transboundary water resource management, policy and institutional issues, conflict resolution (mitigation), political risk assessment for large infrastructural projects, research program design
NRF Rating	B3 (evaluation.nrf.ac.za/Content/Facts/ ratings.xls)
Start date with TouchStone	1/1/2009

Key experience

A political scientist with 20 years of strategic-level experience, Anthony Turton specialises in transboundary water resource management including the support to negotiations between Governments and other role-players in international river basins. He has published widely on the subject of transboundary river basin management. Currently he is focussing on water and the mining industry as a sub-national transboundary issue of strategic significance in a water-constrained region with a strong mining economy. He has extensive experience in strategic planning in situations of high conflict specifically with a view to mitigating that conflict and moving towards a posture of peace. Linked with this is his ability to develop accurate strategic-level forecasting to guide decision-making under conditions of political uncertainty, and thereby reduce risk. He has experience in the management of the process of political transformation including the development of adaptive strategies, institutional dynamics and the inculcation of a changed corporate culture. He was responsible for managing the strategic alliance between ARCUS GIBB and the Southern Education and Research Alliance (SERA) (consisting of the CSIR and the University of Pretoria). He is a founding member of the Universities Partnership for Transboundary Waters (UPTW) and the former President. He was a Unit Fellow at the CSIR and the alternative representative of the CSIR on the Board of Governors of the World Water Council (WWC); is an Executive Director of the International Water Resources Association (IWRA) (2007-2009); serves on the scientific committee of UNESCO IHP 6; is an Extraordinary Professor at the University of Pretoria Water Institute (UPWI); and serves in the Research Advisory Group (RAG) at the UNESCO Centre for Water, Law, Policy and Science at the University of Dundee, Scotland. He serves as an Editor of Water Policy (the official journal of the WWC); Water International (the official journal of the IWRA); and on the Editorial Board of the International Journal of Water Resources Development; Water Alternatives; and Springer-Verlag, a German-based text-book publisher.

Qualifications

Diploma in Horticulture: Chicago (USA), 1977
Diploma in Business Management: Damelin Business School, 1978
Bachelor of Arts majoring in Political Science, International Politics and African Politics (with Distinction) with minors in Law and Economics: University of South Africa, 1988
Honours Bachelor of Arts in International Politics (with International Law as a core subject): University of South Africa, 1995
Master's Degree in Political Science (International Politics) (Thesis on the hydropolitics of the Zambezi River Basin): University of South Africa, 1998
Doctor Philosophiae (International Politics) (Thesis on the political dynamics of institutional development in the South African water sector): University of Pretoria (awarded March 2004)
Member of the Water Institute of Southern Africa (WISA) Management and Institutional Affairs Division and past Chairman

February 2009

Recent professional assignments have included the following:

- Specialist trainer for the SIDA-funded transboundary water resource management program for the Great Lakes Region of Africa, Kigali, Rwanda, 10 – 21 November, 2008.
- Facilitator at the evidence-based policymaking workshop, Pretoria, 19 – 20 November 2008.
- Invited specialist to the internal planning session on 11/9/2008 to advise SASOL on their investment strategy in various energy projects, locally and globally.
- Specialist member of a multinational and transdisciplinary consulting team tasked with developing tools to enable River Basin Organizations (RBOs) in the SADC region, August 2008 – February 2010.
- Project specialist commissioned by the United Nations Economic Commission on Africa (UNECA) tasked with doing an assessment of transboundary rivers in the Southern African region, 2008.
- Invited specialist to the 13th IWRA World Water Congress, Montpellier, France, with an input into the Workshop on Transboundary Aquifers, 2 September 2008.
- Co-convenor of the EU FP7 workshop on Climate Change and Cyanobacteria, 13th IWRA World Water Congress, Montpellier, France, 2 September 2008, aimed at fostering RSA – French collaborative research.
- Invited specialist to the internal planning session on 13/8/2008 to advise DFID's development partnership with South Africa for the period 2009 – 2011, responsible for advising on three key challenges along with an appropriate donor response to each.
- Consultant to the SADC Secretariat on GTZ Contact No. 026/08 responsible for conceptualizing a new approach to policy harmonization in the water sector across the whole SADC region.
- Facilitator to the DWAF Legotla, Bakgatla Lodge, Pilansberg Park, North West Province, 17 July 2008, responsible for the review of the South African water sector and DWAF's role in it.
- Advisor to the Department of Water Affairs and Forestry (DWAF) on their bid to host the 6th World Water Forum in 2012.
- Facilitator for the 3rd Abu Dhabi Dialogue and Keynote Speaker – “Moving Toward Cooperation on Water: The Respective Roles of Government, Knowledge Institutions and Civil Society” – contracted by the International Centre for Integrated Mountain Development (ICIMOD) and the World Bank, Singapore, 25-27 June 2008.
- Advisor to the GTZ / SASOL initiative on Business and Water Sustainability in South Africa, responsible for drafting a policy brief entitled “The State of Water Resources in Southern Africa: What the Beverage Industry Needs to Know”, presented at SASOL, Rosebank, 2 June 2008.
- Invited speaker to the National Business Initiative (NBI) CEO Global Water Compact in Africa, addressing “The State of Water and the CEO Water Mandate”, Anglo-Gold Ashanti, Johannesburg, 10 April, 2008.
- Invited speaker to the 10th Africa Day Conference, 30 May 2008, UNISA, Pretoria, addressing the issue of “The Protection of Africa's Transboundary Water Resources – Security and Political Implications”.
- Invited Keynote Speaker to the Transitions in Water Management Symposium hosted by the Institute for Environmental Studies, Vrije Universiteit, Amsterdam, supported by the Netherlands Royal Academy of Sciences, 3-4 July, 2008.
- Advisor to the Independent Television Service (ITVS) 1H20 (One Water) Project Leadership Summit, Balalaika Hotel, Sandown, 9 May 2008 as part of the CSIR media outreach program.
- Invited speaker to the AMCOW and African Development Bank sponsored First African Water Week held in Tunis, Tunisia on 26 – 28 March 2008. The invited paper was on a benefit-sharing paradigm for transboundary waters. This is a build-up to the 5th World Water Forum to be held in Istanbul in March 2009.
- Invited speaker to the Sixth Petersberg Round Table on Transboundary Water Cooperation held in Bonn/Petersberg, Germany, 24 – 26 September 2007.

- Invited speaker for the Des Midgely Memorial Address at the SANCIAHS Conference in Cape Town 6 September, 2007.
- Keynote speaker at the Transboundary Groundwater Seminar held at the World Water Week in Stockholm on 16 August, 2007.
- Invited speaker to the programme Going Green - Sustainability Imperatives for Business, hosted by the Gordon Institute of Business Science (University of Pretoria) on 19 July 2007, with a presentation on "Water Availability and Implications for Business".
- Invited speaker to a strategic think tank of the water division of Stewart Scott International (SSI) held at the Zebra Country Lodge in Pretoria on 8 June, 2007. Responsible for a presentation on strategic trends in the water sector to inform the strategic management plan of SSI.
- Specialist trainer to the Executive National Security Programme (Colonels to Brigadier-General qualification course for all security force formations across Africa) held at the National Defence College in April and October 2007, responsible for water resources as a strategic-level national security issue in Africa.
- Invited keynote speaker to IASTED International Conference on Environmentally Sound Technology in Water Resource Management, Botswana, September 11-13, 2006.
- Invited specialist to develop guidelines for AMCOW and the African Union on policy for inter-basin water transfers in Africa, Accra, Ghana, 25-29 September 2006.
- Invited specialist to the International Experts Meeting on Water Management in 2020 and Beyond, at the launch of the Ministry of Environment International Centre for Water, Government of Aragon, Zaragoza, Spain, 8-10 November 2006, with a presentation entitled, "HIV/Aids as a Strategic Water Issue in the Developing World: An African Example".
- Facilitator to the Start-up Meeting of the Transboundary Water Resource Management training program for Lake Victoria, Kigali, Rwanda, 12-20 October, 2006.
- Specialist trainer to the International Transboundary Water Resource Management Middle East North Africa (MENA) programme, Amman, Jordan, November, 2006 and again in October, 2007.
- Specialist trainer to the Transboundary Water Resource Management program for Lake Victoria, Nairobi, 20 November, 2006; and again in September 2007.
- Invited presentation to the Mekong River Commission – International Forum on Integrated Water Resources Management of the Mekong River Basin, Chiang Rai, Thailand, 28-29 November 2005. Title "Desecuritization as a Foundation for Benefit Sharing: Lessons from the Okavango River Basin".
- Specialist consultant for the Expert Group in Development Issues (EGDI) of the Swedish Foreign Ministry in a project entitled "Transboundary Water Cooperation as a Tool for Conflict Prevention and Broader Benefit Sharing".
- Serving in a policy think tank in Washington DC that develops options in the field of development assistance for consideration by various branches of the US Administration.
- Invited guest of the former US Secretary for Defence (William Cohen) to a strategic policy think-tank session entitled "Oil & Water – Energy Security and National Security" (19-20 November 2005).

Awards have included:

- National Science and Technology Forum (NTSF) Finalist in the category Best Contribution by an Individual, May 2008.
- CSIR Career Achievement Award, 22 November 2007.
- CSIR Outstanding Contribution by a Team Award, August, 2006.