



## Olivia Rumble

<b>Nationality</b>	SOUTH AFRICAN
<b>Education</b>	<p>Politics, Philosophy, Economics (PPE) (2005) University of Stellenbosch, South Africa</p> <p>Bachelor of Laws (LLB) (2008) University of Cape Town, South Africa</p> <p>Master of Laws (LLM) (Environmental) (2010), with distinction University of Cape Town, South Africa</p>
<b>Languages</b>	English (Native speaker), Afrikaans (Competent)
<b>Membership of professional bodies</b>	<ul style="list-style-type: none"> <li>Admitted as an Attorney of South Africa, 2013.</li> <li>Member of the Sustainable Energy Expert Advisory Panel, coordinated by the International Development Law Organization (2013 to date);</li> <li>Member: The Climate Reality Project (2014 to date) and The Climate Policy Group (2014 to date).</li> <li>Guest Lecturer on Climate Change and Adaptation Law at the Mandela Rhodes Institute, Energy Law LLM North West University, Environmental Law LLM (2013 – date); University of Cape Town (2014-date); and University of Pretoria (2015); Guest Lecturer at the University of the Witwatersrand on Waste Management Law: Environmental Law LLM;</li> </ul>
<b>Employment record</b>	
2-17- current	Director of Climate Carbon and Environmental Legal Consulting (Pty) Ltd
2011 - 2017	Environmental Department and Climate Change and Carbon Markets Practice Area Team Member Edward Nathan Sonnenbergs Inc (ENSAfrica)
2009 – 2010	Legal Clerk of the Constitutional Court of South Africa
2010	Intern, Centre for Environmental Rights, South Africa
2009	Teaching and Research Assistant, Department of Public Law, University of Cape Town
<b>Relevant professional experience</b>	
2017	Legal advisor to OneWorld in relation to the review of the 1994 Permanent Okavango River Basin Agreement with the objective of furthering transboundary water cooperation in the Cubango-Okavango River Basin (CORB). The project entailed the production of a Discussion Paper containing an analysis of the consistency of the Agreement with international and regional best practice with a view to extending transboundary water cooperation in the CORB.
2016-2017	Drafting a Climate Change Bill for the Department of Environmental Affairs (which included proposed amendments to South Africa's National Water Act 1998), including an options paper of legislative mechanisms for implementation, a socio-economic impact study and legal opinion on the proposed legislative provisions. The project entailed detailed stakeholder workshops, inter-Ministerial and inter-Departmental proceedings, followed by an iterative drafting process.
2016-2017	Legal advisor to the Zambezi Watercourse Commission on the integration of regional laws and policies amongst eight riparian states to harmonise provisions relation to water security, with a focus on equitable access to water, energy development and climate change in the region. One of the primary objectives of this project was to also align domestic instruments with existing regional and international water law legal instruments. The project entailed the development of a gap analysis of domestic legislative and policy instruments, detailed country assessments according to a set of defined indicators and an options paper.
2011-date	Legal advisor to the developers and various financial institutions (including OPIC, JP Morgan Chase Bank, ABSA, Nedbank and Standard Bank) and with respect to the financing of numerous renewable energy projects which have been awarded preferred bidder status in



	terms of the South African Department of Energy's Independent Power Producers Procurement Programme and associated water and environmental impacts.
2011- date	Legal advisor to various clients on water related issues arising from due diligence aspects of mergers and acquisitions; project finance and corporate listings; permitting processes and water law related litigation; the application of the Equator Principles and sustainable finance; large-scale waste and water management projects and the apportionment of liability in shared catchments.
2016-2017	Legal Advisor to Coal Of Africa in relation to the Makhado Colliery in South Africa, and the appeal by lodged by various farming operations against the water use licence. The appeal related to the mine's impact on water quality and quantity in the area, the trade of water between users, the disputed water balance for the development and catchment water balance, and the effectiveness of the creation of "new water" by the mine to facilitate its operations.
2012-2015	Legal advisor to the Department of Environmental Affairs in relation to its Adaptation Law and Policy Alignment Project, which entailed a Law and Policy Gap Analysis and Policy Alignment Report, together with its update, as part of the development of a National Adaptation Strategy/Plan by the Department of Environmental Affairs.
2016	Legal advisor to bidders for the Chevron refinery and petroleum operations in South Africa including advice on the legacy and environmental issues related to the operations, including the impact of its operations on groundwater aquifers, surface water impacts and related contaminated land implications, as well as advice on the clean fuel standards to be imposed in South Africa.
2016	Legal advisor to the Business Rescue Practitioner of Evraz Highveld in relation to the environmental and water use licencing, permitting, transaction and liquidation related considerations of the business rescue process for the Highveld Steel Works in South Africa, including advice on water related requirements at the mine and steelworks, EIA requirements, financial rehabilitation guarantees for the long term management of water related impacts, community and environmental trusts, environmental cooperation agreements with the authorities, and permitting requirements for the wind-down operations.
2015	Legal advisor to Harmony Gold Mining Company in relation to ongoing litigation for liability arising from mining related groundwater impacts in various catchments in South Africa. The advice concerned the legal liability arising from a set of directives to pump and treat contaminated water at its own operations and those of adjacent landowners.
2015	Advising BHP Billiton in respect of the largest decommissioning project in South Africa to date, involving its Bayside Aluminium Smelter (which was for decades the biggest in kilometre length structure in the southern hemisphere), including advice on the water use licence amendment process for decommissioning and water management measures for coastal related activities.
2014	Provision of expert advice to various clients on the design and implementation of the proposed South African Carbon Tax, including advice to various affected industries on the anticipated impacts of the tax and submissions to the National Treasury.
2013	Provision of ongoing legal advice to Pegasys Strategy and Development (Pty) Ltd as part of their development of an Integrated Water Quality and Policy Strategy for the South African Department of Water Affairs as well as the development of a waste water discharge charge system in South Africa for the same Department.
2013	Member of the training team for the USAID Institutional Support and Strengthening Program: Training of the Jordanian Ministry of Water and Irrigation delegation. The delegation were part of an educational tour regarding "Critical Considerations of Effective Water Legislation: In Principle and In Practice", entailing a week-long workshop at ENSAfrica. Specific activities included training on the major considerations for effective water legislation specifically tailored to the Jordanian context; the process for water law



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harmonization and reform and the design of key legal instruments to facilitate water sector reform.

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2013 Development of a sustainable mining framework for South Africa's national electricity utility, Eskom SOC Ltd, which framework included advice on shared water catchments, and the apportionment of water related management functions and liabilities between mines.

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2013 Advisor to the South African Department of Water Affairs and Sanitation regarding proposed policy and legal reforms to South Africa's water regime, in particular the National Water Act 36 of 1998, including ongoing legal advice on proposed pricing mechanisms for waste discharge; efficiency measures; allocative reform and alignment with the policy and regulatory regime applicable to water resource management and water services. The proposed reform process and related analysis was published in the gazette for public comment.

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### Key professional skills:

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- Legal analysis and advice
  - Water sector policy reform
  - Legal advice and analysis of water laws
  - Climate change policy analysis
  - Analysis of the energy, carbon and climate change nexus
  - Capacity building and training on water law, climate change and energy
  - Facilitation and moderation
  - Climate change strategy development

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### Publications (selected)

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*Climate Change Law and Governance in South Africa* (JUTA, 2016), co-editor and contributing author: L Kotze, T Humby, O Rumble and A Gilder *Climate Change Law and Governance in South Africa* (JUTA, 2016), lead co-editor and contributing author of the following chapters:

- Carbon Pricing in South Africa
- Water Resources Management and Climate Change
- Climate Change Litigation
- Climate Change Law and Governance in South Africa: Setting the Scene;

O Rumble, M Lau and P Nihland "Towards Sustainable Development: An African Perspective on Reforming the Clean Development Mechanism" in Kotze and Mwebaza (eds) *Environmental Governance and Climate Change in Africa* (2009, Institute for Security Studies);

A Tabau, L Massai, K Gregg, A Gilder and O Rumble "Current Developments" *Carbon & Climate Law Journal: Carbon and Climate Law Review* (2012) Issue: 2/2012 - pp. 167-173;

O Rumble and A Gilder "Air Quality" in Fuggle and Rabie *Environmental Management in South Africa* (2015 JUTA)

R Stein and O Rumble "The water policy and governance context in South Africa" *CDP Water Report* (May 2014)

B Dhladhla and O Rumble "Expert View: Water – Fuelling the Debate" (2014) *Mining, People and the Environment*

J Glazewski and O Rumble: "A Rose is a Rose but is an Acacia and Acacia: Global Administrative Law in Action" *Acta Juridica* (2009) at 381.