

**The political aspects of institutional developments in the
water sector: South Africa and its international river
basins**

by

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LIST OF ABBREVIATIONS

ANC: African National Congress
AU: African Union
BSE: Bovine Spongiform Encephalopathy
CCB: Civil Cooperation Bureau
CIA: Central Intelligence Agency
CMA: Catchment Management Agency
CODESA: Convention for a Democratic South Africa
CONSAS: Constellation of Southern African States
CSCT: Classic Security Complex Theory
CSD: Commission for Sustainable Development
DIWCC: Demographically-Induced Water Consumption Curve
DMI: Department of Military Intelligence
DNA: Mozambican National Department of Water Affairs
DOP: Declaration of Principles
DRC: Democratic Republic of Congo
DWAF: Department of Water Affairs and Forestry
ESCOM: Electricity Supply Commission
FAO: Food and Agriculture Organization
GCC: Global Climate Coalition
GCI: Green Cross International
GDP: Gross Domestic Product
GGP: Gross Geographic Product
GNP: Gross National Product
GWP: Global Water Partnership
HMEWP: Harvard Middle East Water Project
IBT: Inter-basin Transfer
ICJ: International Court of Justice
ICWE: International Conference on Water and Environment
IDRC: International Development Research Centre
IFP: Inkatha Freedom Party
IFR: Instream Flow Requirement
ILA: International Law Association
ILC: International Law Commission
IWMI: International Water Management Institute

IWRM: Integrated Water Resource Management
JIA: Joint Irrigation Authority
JIBS: Joint Incomati Basin Study
JPCC: Joint Permanent Commission for Cooperation
JPTC: Joint Permanent Technical Committee (South Africa and Botswana)
JPTC: Joint Permanent Technical Commission (South Africa and Botswana)
JPTC: Joint Permanent Technical Commission (South Africa and Lesotho)
JPTWC: Joint Permanent Technical Water Commission
JTC: Joint Technical Committee
JULBS: Joint Upper Limpopo Basin Study
JWC: Joint Water Commission
KOBWA: Komati Basin Water Authority
LBPTC: Limpopo Basin Permanent Technical Committee
LHDA: Lesotho Highlands Development Authority
LHWC: Lesotho Highlands Water Commission
LHWP: Lesotho Highlands Water Project
MAD: Mutually Assured Destruction
MAP: Mean Annual Precipitation
MAR: Mean Annual Runoff
MENA: Middle East North Africa
MPLA: Popular Movement for the Liberation of Angola
NATO: North Atlantic Treaty Organization
NEPAD: New Partnership for Africa's Development
NGO: Non-governmental Organization
NIS: National Intelligence Service
NP: National Party
NSC: North-South Carrier
OAU: Organization of African Unity
OECD: Organization for Economic Cooperation and Development
OKACOM: Permanent Okavango River Basin Water Commission
OPEC: Organization of Petroleum Exporting Countries
ORASECOM: Orange-Senqu River Commission
ORP: Orange River Project
ORRS: Orange River Replanning Study
PAC: Pan Africanist Congress
PLO: Palestine Liberation Organization

PPP: Purchasing Power Parity
 PWA: Palestinian Water Authority
 PWC: Permanent Water Commission
 RBA: River Basin Authority
 RBC: River Basin Commission
 RBO: River Basin Organization
 RENAMO: *Resistência Nacional Moçambicana* (Mozambican National Resistance Movement)
 RWB: Rand Water Board
 SADCC: Southern African Development Coordination Conference
 SADC: Southern African Development Community
 SADC-HYCOS: Southern African Development Community Hydrological Cycle Observing System
 SADC-WSCU: Southern African Development Community Water Sector Coordination Unit
 SADF: South African Defence Force
 SARCCUS: Southern African Regional Commission for the Conservation and Utilization of the Soil
 SASOL: *Suid Afrikaanse Steenkool en Olie Maatskappy* (South African Coal and Oil Company)
 SCT: Security Complex Theory
 SEI: Stockholm Environment Institute
 SIDA: Swedish International Development Agency
 SIRWA: Structurally-Induced Relative Water Abundance
 SIRWS: Structurally-Induced Relative Water Scarcity
 SOAS: School of Oriental and African Studies
 SSC: State Security Council
 SWAPO: South West Africa Peoples Organization
 SWE: Sectoral Water Efficiency
 TCTA: Trans Caledon Tunnel Authority
 TPTC: Tripartite Permanent Technical Committee
 TVA: Tennessee Valley Authority
 UDI: Unilateral Declaration of Independence
 UN: United Nations
 UNCED: United Nations Conference on Environment and Development
 UNDP: United Nations Development Programme

UNEP: United Nations Environment Programme
UNESCO: United Nations Educational Scientific and Cultural Organization
UNFCCC: United Nations Framework Convention on Climate Change
UPTW: Universities Partnership for Transboundary Waters
USA: United States of America
US: United States (of America)
USSR: Union of Soviet Socialist Republics
VNJIS: Violsdrift and Noordoewer Joint Irrigation Scheme
WBS: Water Barrier Scale
WCD: World Commission on Dams
WDM: Water Demand Management
WHO: World Health Organization
WMA: Water Management Area
WMO: World Meteorological Organization
WP: Water Poverty
WSI: Water Scarcity Index
WSSD: World Summit on Sustainable Development
WWC: World Water Council
WWF: World Water Forum
WWV: World Water Vision