

Name of Consultant : Pegasys Strategy and Development
Name of Staff : Barbara Schreiner
Profession : Water Resources and Management Consultant
Date of Birth : 22 November 1958
Nationality : RSA
Membership in Professional Societies: Water Institute of Southern Africa

Education:

Institution [Date from – Date to]	Degree(s) or Diploma(s) obtained:
University of Natal 1976 – 1978	B.A
University of Natal 1979	B.A Hons
University of Lancaster 1986 - 1987	M.A
University of Cape Town 1992 - 1993	M Phil (Env Science) (with distinction)

Employment Record

Date From-to (mm/yy)	April 2002 – March 2007
Organisation	Department of Water Affairs and Forestry, South Africa
Location	Pretoria
Position	Deputy Director General : Policy and Regulation
Description of duties	Management of Policy and Regulation Branch responsible for policy, strategies, guidelines, planning and information management for water resources and water services in South Africa and for establishment and oversight of Catchment Management Agencies and Water Boards. Chair of drought task team. Responsible for revision of pricing strategy including engagement with Agricultural Sector. Responsible for development of Financial Support for Resource Poor Farmers, establishment and transformation policy for Water User Associations and rainwater harvesting programme. Responsible for policy development w.r.t allocation of water and water quality management. Responsible for policy development on public participation in water management, including gender sensitivity.

Date From–to (mm/yy)	March 1998 – March 2002
Organisation	Department of Water Affairs and Forestry, South Africa
Location	Pretoria
Position	Chief Director: Water Use
Description of duties	Management of Chief Directorate responsible for licencing of water use (abstraction and discharge), development of policies, strategies, guidelines for water use efficiency, water licencing, pollution control and establishment and governance of water management institutions (Catchment Management Agencies and Water User Associations). Responsible for strategies and guidelines on water allocations and water trading, particularly in the Agricultural Sector. Chairperson of the interdepartmental Co-ordinating Committee on Support for Small Scale Irrigation.

Date From–to (mm/yy)	November 1995 – Feb 1998
Organisation	Ministry of Water Affairs and Forestry, South Africa
Location	Cape Town and Pretoria
Position	Advisor to Minister
Description of duties	Provision of advice to Minister of Water Affairs and Forestry. Involved in development of new policy and legislation on water management in South Africa.

Date From–to (mm/yy)	Jan 1995 – October 1995
Organisation	Gauteng Department of Environmental Affairs
Location	Johannesburg
Position	Consultant
Description of duties	Employed to set up the new Department of Environmental Affairs for the Gauteng Province under the new Constitutional dispensation and to begin to implement the environmental legislation in the province.

Date From–to (mm/yy)	July 1993 – Dec 1994
Organisation	Planact
Location	Johannesburg
Position	Communications and environmental officer
Description of duties	Responsible for development of communication and training materials and for ensuring environmental issues were incorporated into all work of the organisation.

Countries of Work Experience:

- South Africa

- o India
- o SADC

Previous Experience

Development of a strategy on Water for Sustainable Growth and Development 2008
Responsible for the drafting of a Strategy on Water for Sustainable Growth and Development for the Department of Water Affairs and Forestry

Establishment of a Groundwater Management Institute for Southern Africa. 2008
Team leader on the investigation into the establishment of a Groundwater Management Institute for South Africa

Review of the Involvement of National Institutions and Civil Society in International Water Agreements 2007
Team member on the WRC research project to investigate the roles and relationships of water sector institutions at the national, provincial and local spheres of government with international water agreements and transboundary water institutions.

Fund and Economic Charge for Water Conservation and Demand Management 2007
Project manager on the evaluation and recommendation on the development of a fund for WCDM, including the institutional options, strategic objectives, financing arrangements and socio-economic consequences of the fund and charge.

WWF Water Security Programme 2007
Technical advisor to WWF-UK and WWF-India on the development of a water security programme integrating environmental flow, allocation and water governance issues, including project design visits to India (Ganges).

Department of Water Affairs and Forestry 2002 - 2007
Deputy Director General: Policy and Regulation, in the Department of Water Affairs and Forestry
Management of a branch with 9 direct senior management reports with a staff of over 400 (largely professional and technical) and a budget of over R500 million.
Leader of the restructuring of the water resources and water services functions in the Department and the establishment of Catchment Management Agencies, including the restructuring of the ground and surface water monitoring and assessment programme.
Manager in charge of the oversight and regulation of departmental agencies (CMAs, Water Boards and Water User Associations) and responsible for ensuring the development of appropriate policies and procedures for such agencies.
Responsible for international liaison function of the Department.

Department of Water Affairs and Forestry 1998 -2002
Chief Director: Water Use and Conservation
Responsible for authorization of water use and water trading, management of water quality, establishment of catchment management agencies and water user associations.

Department of Water Affairs and Forestry 1995-1998
Special Advisor to the Minister of Water Affairs and Forestry.

Gauteng Provincial Government 1995-1995
Head of Environmental Unit, Department of Development Planning and Environment

Gauteng Provincial Government 1994
Member of Strategic Management Team, Department of Development Planning and Environment

Planact 1993 - 1994
Materials Development Officer and Environmental Co-ordinator,

Global Water Partnership

Founder member and member of Steering Committee (second term of office). Chairperson of Nominations Committee, Chair Search Committee, and Audit and Finance Committee (as from November 2007).

Gender and Water Alliance

Founder member.

Pretoria University Water Institute

Member of Advisory Panel

Papers, Conferences and Publications

- 1995
Co-editor of White Paper on National Water Policy (Department of Water Affairs and Forestry) and editor/writer of simple English summary of White Paper.
- 1997
Implications of the new National Water Bill for Catchment Based Integrated Environmental Management. Paper presented at IAIAA Conference September
- 1997
Developments in the Environmental Policy Field. Paper presented at CSIR Environmental Policy Workshop September
- 1998
Water Efficiency in Buildings, Paper presented to Conference on Sustainability in the Built Environment: A Practical Approach. Johannesburg
- 1998
Washing away poverty – the implications of the new water legislation for poverty and the environment. Paper presented to EPPIC conference
- 1999
Water as an instrument for social development in South Africa. Paper presented as invited speaker at Stockholm Water Symposium, Stockholm
- 1999
The challenges facing water resources management in South Africa. Keynote address at the 9th South African National Hydrology Symposium, Cape town.
- 2003
Policy and law for addressing poverty, race and gender in the water sector: The case of South Africa. Water Policy 5 Number 5 489-501. Schreiner and van Koppen. B
- 2002
Strategies for gender-inclusive Integrated Water Resources Management in South Africa. Schreiner B, Mohapi N van Koppen B. Waternet/WARFSA symposium. Arusha. October.
- Feminisation as a critical component of the changing hydrosocial contract. Turton AR and Schreiner B. Stockholm Water Symposium.
- 2004
What colour is water; race, gender and water resources management in South Africa. Presentation to WISA Conference, Cape Town,
- 2003
The feminization of water management: gender sensitive policy for Integrated Water Resources Management in South Africa. Water Perspectives.
- 2002
Catchment management agencies for poverty eradication in South Africa. Schreiner B and van Koppen B. Physics and Chemistry of the Earth.
- 2006
The Government-and-Society Challenge in a Fledgling Democracy – Ecosystem Governance in South Africa, with a Particular Focus on the Management of the Phongola Floodplains and Reservoir. In *Governance as a Trialogue: Government-Society-Science in Transition* Turton AR, Hattingh, J, Maree

GA, Roux DJ, Claasen M, Strydom, WF (eds), Water Resources Development and Management Series, Springer-Verlag, Berlin.2007.

Water Policy in South Africa. B Schreiner, R Hassan (eds). Resources for the Future. Forthcoming

Issues of balancing international, environmental and equity needs in a situation of water scarcity. To be presented in Zaragoza, Spain, May 2008

Accelerating Water Security in Africa: Addressing social and environmental challenges. African Water Week, Tunisia, March 2008