

Appendix 2.1

CVs of EEU Staff Members

MERLE SOWMAN

Environmental Evaluation Unit, University of Cape Town, Private Bag x3, Rondebosch 7701, Cape Town,
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Merle Sowman is the Director of the EEU and Associate Professor in the Department of Environmental and Geographical Sciences at UCT. She obtained her PhD in the field of Environmental Assessment Methodologies in Coastal Environments, from UCT in 1994, and has been involved in research, consulting and teaching in the field of integrated environmental management since 1985. Her key areas of interest are sustainable development, mainstreaming environmental sustainability issues into planning and decision-making processes, and governance of coastal and fishery systems.

Over the years Merle has been involved in a diverse range of research and consulting projects, ranging from integrating environmental sustainability issues into development planning process in South Africa, through investigating the social, economic and institutional dimensions of the artisanal fisheries sector in countries falling within the Benguela Current Large Marine Ecosystem (BCLME), to understanding local livelihood issues. She has recently completed working on a project for the Western Cape government that focused on developing a “Sustainable Development Implementation Plan” for the province, and is currently project leader on a number of environmental assessments in the Western Cape.

Merle has participated in a number of environmental and coastal management policy formulation processes, and has served on various local, national and international committees and advisory groups concerned with integrated environmental and coastal management. She is a member of the International Association for Impact Assessment and lectures an honours and Master’s program on Environmental Management at UCT.

Merle has extensive experience in designing and facilitating capacity development programmes and short courses in integrated environmental management. She is also actively involved in various social outreach projects and programmes with subsistence fishing communities and informal shack dwellers.

Dr Sowman has published widely; her publications include 3 books and 5 chapters in books, as well as over 30 articles in refereed journals. She has also authored over 50 research and consulting reports.

MOST RECENT RESEARCH AND CONSULTING PROJECTS

- **Project leader:** Environmental Governance for Social Justice: Lessons across natural resource management sectors in southern Africa. Project funded by UCT Vice Chancellor Strategic Fund (2010-2012)
- **Project Leader:** Human Dimensions of Marine Protected Areas. Project funded by NRF (2010 -2012)
- **Project Leader:** EIA for Solar Farm in vicinity of Touws River. Project funded by CPV Power Plant No 1 Proprietary Limited(2010)
- **Project leader:** EIA for wind farm at Kerriefontein, Western Cape, Project funded by the Oelsner Group (2010)
- **Member of Review Committee:** FAO Technical Guidelines for Responsible Fisheries – Marine Protected Areas and Fisheries. Review commissioned by UNFAO (2009)
- **Project Leader:** Development of a Sustainable Livelihoods Strategy for the City of Cape Town (2009). Project funded by the Danish Government.
- **Advisor:** Ad hoc advisor to UNAM and NACOMA on Development and Implementation of Training and Capacity Building, Strategic Action Plan. Project commissioned by NACOMA, Namibia. (2009)
- **Project Leader:** Development of Greening Guidelines for Soccer world Cup, 2010. Project funded by DEAT (2008-2009)
- **Project Leader:** Review of IDP Environmental Toolkit for Western Cape. Project funded by DEAT (2008)
- **Project Leader:** Artisanal Fisheries Research Programme for Benguela Current Large-Scale Marine Ecosystem (BCLME) Programme. A suite of three GEF-funded projects with the Artisanal Fisheries Institute in Angola and the University of Namibia (2004-2006)
- **Project Leader:** Access to South African Coast: Examining the attainment of policy goals post 1994. Collaborative project with Amsterdam Institute for Metropolitan and International Development Studies, MARE, Netherlands and Wageningen University, Netherlands. Project funded by SANPAD (2008-2010)

RESUME OF RICHARD HILL

Dr Richard Charles Hill is a Senior Lecturer in the Department of Environmental and Geographical Science at the University of Cape Town (UCT). He has a BSc degree in Civil Engineering and a PhD in Environmental Assessment, both from UCT. He is a member of the South African Affiliate of the International Association for Impact Assessment.

After practising as a civil engineer for 6 years, he started work as an environmental consultant in 1984, firstly for Hill Kaplan Scott Inc. and thereafter for the Environmental Evaluation Unit at UCT. Since 1989, he has lectured at UCT in the Departments of Environmental and Geographical Science and Civil Engineering. He is convenor of the UCT Masters programme in Environmental Management.

He has managed 17 Environmental Impact Assessments (EIAs), acted as review consultant for 7 environmental studies, produced a total of 72 publications – 30 of which are at an international level, supervised 43 postgraduate dissertations, and has lectured on 26 short courses. His research has focused on developing the theory of environmental assessment (EA), the integration of environmental factors into planning, design and decision making, the consideration of alternatives in strategic and project-level EA, and requirements for sustainability in the provision and management of the built environment.

SANDRA RIPPON

Environmental Evaluation Unit, University of Cape Town, Private Bag x3, Rondebosch 7701, Cape Town, Tel: +27 216502866,
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Sandra Rippon is a Senior Researcher with the Environmental Evaluation Unit. She obtained a Master's degree in Environmental Management from the University of Cape Town in 2003. Prior to this she practiced as an Architect for 16 years and gained substantial experience in project planning and coordination, development planning and authorizations. She has worked on a part-time basis for the EEU since 2003 and currently leads the *Environmental Management and Sustainability* node within the EEU. Her work at the EEU has focused on projects ranging from mainstreaming environment into integrated development planning at local government level; environmental planning in the Land Reform process in South Africa; environmental assessment processes; biodiversity conservation; and preparing policy documents such as a Sustainable Development Implementation Plan for the Provincial Government of the Western Cape. Current projects include undertaking Scoping and Environmental Impact Assessments for innovative developments including renewable energy generation facilities.

Sandra also consults independently in the fields of both sustainable architecture and environmental management and is Sustainability Consultant to the University of Cape Town Properties and Services Department. Sandra became an Accredited Professional of the Green Building Council of South Africa in 2009.

RESEARCH AND CONSULTING PROJECTS WITH ENVIRONMENTAL EVALUATION UNIT, UCT

- Project Coordinator: Scoping and EIA for a 50MW Solar Energy Facility near Touws River, Western Cape. Project funded by Concentrix Solar (Germany) (2009-2010)
- Project Coordinator: Scoping and EIA for the Kerriefontein and Darling Wind Farm in the Western Cape for the Oelsner Group (2010)
- Researcher on the development of *Guidelines for the Greening of Large Sports Events* for DEAT, in association with the EEU and Steadfast Greening (2008)
- Researcher on the review and compilation of the *Western Cape Integrated Development Planning (IDP) Toolkit* for DEAT, in association with the EEU (2008)
- Researcher on the review and compilation of the *Northern Cape Integrated Development Planning (IDP) Toolkit* for DEAT, in association with the EEU (2007)
- Project coordination and research on the development of a *Sustainable Development Implementation Plan (SDIP)* for the provincial department of environment (DEA&DP) (2006)
- Project Coordinator for the Macassar Dunes Eco-trail project aimed at biodiversity conservation and sustainable utilization in partnership with the City of Cape Town and communities (Co-management), funded by USAID, DEAT and the National Lotteries Board (2005- 2007).
- Researcher and Project Co-coordinator: *'The DIY Home Insulation Project'*, to research and develop sustainable insulation materials for low-income housing, in partnership with the City of Cape Town, funded by national Department of Housing (2003-04)
- Audits of compliance with the Construction Environmental Management Plan (EMP) for the Big Bay Residential development in Blaauwberg, Cape Town, for the Blaauwberg Administration, (Aug 2004; April 2005; Dec 2005)

PRIVATE CONSULTING

- Sustainability Consultant to the University of Cape Town, Properties and Services department, appointed to develop and implement a *Green Campus Action Plan* (Mid-2008 to present).
- Sustainability Consultant for the Boulevard Office Park, Salt River, for Faircape Properties (2008 - 2009).
- Sustainability Consultant for the new Elkanah House High School Campus, Blaauwberg, Cape Town. (2004-2008).
- Project Coordinator and researcher: Conservation Management Plan and Integrated Management Plan for the Parliamentary Precinct, Cape Town, in association with Bam Zöllner Architects for Department of Public Works (DPW). (2006 -2007).
- Sustainability Consultant: Architectural competition for a new Life Sciences Building, University of the Western Cape, in association with DHK Architects and PJ Carew Consulting. Winning entry. (2006).

Kirsten Scott

Personal Details

Date of Birth: 11 June 1980
Nationality: South African
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Qualifications: MSc, School of Environmental Sciences, UKZN, Durban, 2004-2005

Key Qualifications

Kirsten has capabilities in both the social and environmental aspects of environmental management and is trained in interdisciplinary thinking. Key experience includes project management of a Social Impact Assessment in South Africa, as well as various socio-economic assessments for Environmental Impact Assessments (EIAs) in the UK. Other social experience includes desk based studies through application of World Bank standards to international projects, social audits and planning of public consultations and strategies. Sustainability experience includes sustainability appraisal within the UK. EIA responsibilities include project co-ordination and management, authoring of other technical elements of EIAs such as assessment of cumulative effects, land use assessments and optioneering reports. Relevant industries include waterfront development, regeneration, planning and rural development, highways, power and waste.

Selected Projects

Environmental Assessment and Management

- Touwsrivier Solar Energy Facility, Touwsrivier, SA.
- National Grid, Hurst to New Cross Cable Tunnels, London, UK.
- Devon County Council, Exeter Science Park, Devon, UK.
- Transport for London, Greenwich Waterfront Transit (GWT), London, UK.

Socio-economic and Community Assessment

- Small Craft Harbour SIA, Durban, SA.
- Idube Trade Port (socio-economic baseline), Durban, SA.
- Edgar Street Grid (ESG) Hereford Regeneration Project, Hereford, UK
- Covanta Energy from Waste (EfW), Middlewich, UK,
- Ibom Power Plant and Transmission Line EIAs (World Bank review), Ikot Abasi, Nigeria.

Stakeholder Involvement

- Highways Agency, M25 Rapid Widening (Section 4), London UK.
- Olympic Delivery Authority (ODA) Energy Centre, London UK.
- United Kingdom Atomic Energy Authority (UKAEA), Dounreay, UK.

Sustainability

- ODA, Sustainability Audit for the Lower Lea Valley Power Contractors, London, UK.
- Tewkesbury Borough Council, Sustainability Appraisal (SA), Tewkesbury, UK.
- Crawley Borough Council, Sustainability Assessment, Crawley, UK.