



**Nelson Mandela  
Metropolitan  
University**

# SRU Quarterly Highlights

(Nov 2014)

**Research outputs**  
**On-going projects**  
**Academic and Community Engagements**  
**New and Ongoing Projects**  
**Finances**  
**Human Resource Developments**  
**Plans for next term**

# Research outputs

## Peer reviewed papers published: 5

- **Barendse, J. & Best, P. B.** 2014. Shore-based observations of seasonality, movements, and group behavior of southern right whales in a nonnursery area on the South African west coast. *Marine Mammal Science*. [doi:10.1111/mms.12116](https://doi.org/10.1111/mms.12116).
- **Carvalho, I., Loo, J., Collins, T., Barendse, J. Pomilla, C., Leslie, M. S. Ngouesso, S. Best, P. B. & Rosenbaum, H. C.** 2014. [Does temporal and spatial segregation explain the complex population structure of humpback whales on the coast of West Africa?](#) *Marine Biology*: 1-15.
- **Fabricius, C., & Cundill, G.** 2014. Learning in adaptive management: insights from published practice. *Ecology and Society* 19(1): 29. <http://dx.doi.org/10.5751/ES-06263-190129>.
- **Roux, D.J., Breen, C.M. & Carruthers, J.** 2014. Reflections on the history of aquatic science in South Africa with particular reference to the period after 1994. *Water SA* 40: 255-262. <http://dx.doi.org/10.4314/wsa.v40i2.7>
- **Von Maltitz, G., Gasparatos, A. & Fabricius, C.** 2014. The Rise, Fall and Potential Resilience Benefits of Jatropha in Southern Africa. *Sustainability* 6:3615-3643. [doi:10.3390/su6063615](https://doi.org/10.3390/su6063615)

## Reports: 1

- **Currie, B.,** 2014. [Conversations for improved public participation](#). George: Sustainability Research Unit, NMMU George Campus.

## Conference presentations: 8

### Fynbos forum keynote addresses:

**Christo Fabricius and Bianca Currie:** Local participation, collaborative learning and ecosystem stewardship in the Garden Route

**Dirk Roux:** Top-down targets to bottom-up action, and the missing wetland in between.

### Fynbos Forum presentations:

**Kate Southey:** Approaches to Protected Area Prioritisation in the Garden Route

**Maretha Alant:** Functional connectivity of mammal species in the Knysna Buffer Zone, Garden Route National Park

### SA Wildlife Management Association:

**Wynand Loftus and Christo Fabricius:** Adaptive management for invasive alien plant management – is it effective?

**Bianca Currie:** Using social learning workshop design to guide learning and collaboration in the Garden Route

**Dirk Roux:** Tacit and explicit dimension of adaptive management

**Christo Fabricius:** Adaptive management and the problem of implementation paralysis.

# Research outputs

Papers in press	4
Papers in review	3
Papers in advanced stages of preparation	5

# On-going projects

- **Wilderness Rivers project**
- **Collaborative adaptive management**
- **SA Programme for Ecosystems and Society (SAPECS)**
- **Resilience Alliance**
- **Belmont Forum project Magic Project**
  - **Multi scale adaptations to climate change and social ecological sustainability in coastal areas**
- **Linking Social Capital to Ecological Infrastructure**
- **Various studies on 'environment and society'** – Kate Southey, Bianca Currie, Jaco Barendse, Peet Botes, Veroushka Sonn, Dirk Roux, Christo Fabricius, Aneri Vlok, Andrew Jackson

# Academic and Community Engagement

## Academic engagement, teaching and learning

- Weekly **SRU Seminars**
- **SAPECS Winter School** – 5 universities
- **Science Faculty Post Graduate Symposium**
- **SRU Field Trip** – Khayaletu Nature Reserve/ Rastafarian Community
- **SANParks Publications Seminar**
- **SANParks strategic dialogue**
- **Environmental Stewardship module** to all SNRM first year students
- **Freshwater Ecology module** to Btech (Nature Cons.) – field trip, poster assignment

## Community engagement

- **Fynbos forum panel discussion**
- **SANParks Stewardship Forum**
- **Participatory mapping with communities in Wilderness Rivers**



# Financial Developments

## Newly funded projects

- DEA NRM funding (R948 00 p.a., 2014-2017)
  - Funding for 2-3 post grad research projects in invasive alien plants in Garden Route.

## New proposals submitted

- NRF Community Engagement Fund
- Protea: SA-France collaboration
- Claude Leon post-doc application
- Ford Mazda proposal for vehicle
- Jaco Barendse: DST/NRF research fellowship
- ESPA poverty alleviation research (unsuccessful)

# Human Resource Developments

## **New appointments**

- Knowledge Broker 1 year post
- 1 Research Associate (Dr Jeanne Nel)
- Appointment of Dr Yashwant Rawat as Research Fellow

## **Post Graduate Recruitment**

- Interest shown by 3 BTech nature conservation students in Master's studies
- Inquiries from Master's and PhD students from Stellenbosch University; Univ of Hamburg (Germany); post-doc application from France



## **Awards**

**Andrew Jackson – Best Student Input Prize**

Second Annual Conference of the Land Rehabilitation Society of South Africa (LaRSSA).

**Maretha Alant - Best presentation**

**Kate Southey - runner-up, best student presentation**  
Fynbos Forum

**Christo Fabricius - SANParks Koedoe Award**

# Plans for November-February

- **Facilitate South Cape Land Initiative workshop: invasive alien plant management**
- **Participate in DEA-NRM management planning workshop**
- **Participate in 'Good Anthropocene' workshop, Stellenbosch**
- **Conduct participatory research exercises with stakeholders**
- **Participate in GEF workshop in Sydney**
- **Continue working on 7 in prep papers**
- **Continue writing up of theses, submission of PhD project proposals**