



**Nelson Mandela
Metropolitan
University**

UPDATE

July - November 2015



Peer reviewed papers, 2015

1. Barendse J, Francis J. 2015. Towards a standard nomenclature for seafood species to promote more sustainable seafood trade in South Africa. *Marine Policy* 53: 180-187.
2. Bohensky, E., Evans, L., Anderies, M., Biggs, D. and Fabricius, C. 2015. Principle 4: foster complex adaptive systems thinking. In: *Principles for Enhancing the Resilience of Ecosystem Services*, edited by R. Biggs, M Schulter and M Schoon. Cambridge University Press. <http://www.cambridge.org/za/academic/subjects/life-sciences/natural-resource-management-agriculture-horticulture-and/principles-building-resilience-sustaining-ecosystem-services-social-ecological-systems>
3. Cundill, G., D. J. Roux and J. N. Parker. 2015. Nurturing communities of practice for transdisciplinary research. *Ecology and Society* 20 (2): 22. [online] URL: <http://www.ecologyandsociety.org/vol20/iss2/art22/>
4. Fabricius, C., and B. Currie. 2015. Adaptive Co-Management. Pages 147–179 in C. R. Allen and A. S. Garmestani, editors. *Adaptive Management of Social-Ecological Systems*. Springer Netherlands. http://dx.doi.org/10.1007/978-94-017-9682-8_9
5. Fabricius, C., and T. Pereira. 2015. Community Biodiversity Inventories as Entry Points for Local Ecosystem Stewardship in a South African Communal Area. *Society & Natural Resources*:1–13. <http://dx.doi.org/10.1080/08941920.2015.1014591>
6. Nel, J. L., Roux, D. J., Driver, A., Hill, L., Maherry, A. C., Snaddon, K., Petersen, C. R., Smith-Adao, L. B., Van Deventer, H. and Reyers, B. (2015), Knowledge co-production and boundary work to promote implementation of conservation plans. *Conservation Biology*. doi: 10.1111/cobi.12560
7. Phair, N., Barendse, J., Smith, M.K.S. & von der Heyden, S. 2015. Molecular analysis confirms genetically distinct populations of two indigenous estuarine fish species in isolated coastal lake: implications for the management of introduced ichthyofauna. *Conservation Genetics* doi:10.1007/s10592-015-0701-9
8. Pittock, J., Finlayson, M., Arthington, A. H., Roux, D., Matthews, J. H., Biggs, H., Harrison, I., Blom, E., Flitcroft, R., Froend, R., Hermoso, V., Junk, W., Kumar, R., Linke, S., Nel, J., Nunes da Cunha, C., Pattnaik, A., Pollard, S., Rast, W., Thieme, M., Turak, E., Turpie, J., van Niekerk, L., Willems, D. and Viers, J. (2015) 'Managing freshwater, river, wetland and estuarine protected areas', in G. L. Worboys, M. Lockwood, A. Kothari, S. Feary and I. Pulsford (eds) *Protected Area Governance and Management*, pp. 569–608, ANU Press, Canberra.
9. Roux DJ, Nel JL, Fisher, R-M and Barendse J. 2015. Top-down conservation targets and bottom-up management action: Creating complementary feedbacks for freshwater conservation. *Aquatic Conservation: Marine and Freshwater Ecosystems* DOI: 10.1002/aqc.2577
10. Roux D.J., Kingsford, R.T., McCool S.F., McGeoch M.A. and Foxcroft L.C. 2015. The Role and Value of Conservation Agency Research. *Environmental Management*. doi:10.1007/s00267-015-0473-5

Conference papers,

July-November 2015



PECS 2015 CONFERENCE
Social-ecological dynamics in the Anthropocene

3 - 5 November 2015

Spier | Stellenbosch | South Africa

- **Five papers (Christo Fabricius & Dirk Roux)**
- **Two sessions convened**
- **One learning event organized and facilitated**



**Ecosystems and Poverty Alleviation (ESPA) science meeting,
London, November 2015 (www.espa.ac.uk)**

- **One paper (Christo Fabricius)**
- **Session chair**

Community Engagement

July-November 2015

- Community hacking day
 - >60 participants
 - Four organizations
- Sustainability dialogues:
 1. SANParks “re-imagining engagement in the Garden Route”
 2. Community dialogue: risks and vulnerability of coastal living
- Media articles:
 - Three popular articles
 - Four citations in media (Burger; Herald; George Herald)
- Active blog site: Kaaimans to Touw Forum
- ‘Virtual Social-Ecological Systems Lab’ meetings with SANParks
- Attended four community meetings, visits to farmers, site visits with stakeholders



International Visitors

July-November 2015

- **Professor Katrina Brown, University of Exeter, UK**
- **Dr Jean Albergel of CNRS and CIRAD, UK**
- **Dr Olivier Barretteau of IRSTEA in France**
- **Prof Raphael Mathevet of CNRS in France**
- **Dr Richard Stirzaker of CSIRO, Australia**



Projects and Funding

(July-November 2015)

- Proposal for R 1.84 million submitted to Water Research Commission
- Collaborative proposal for R 22 million submitted to DEA, in collaboration with Wildlands Trust
- Proposal for R 6 million submitted to DEA
- Proposals for two post-doc fellows submitted to Claude Leon Foundation
- Proposal for R 650 000 submitted to Breede-Gouritz Catchment Management Agency

Funders

- CSIR
- Water Research Commission
- Department of Environmental Affairs
- Department Science and Technology
- National Research Foundation
- SANParks



environmental affairs

Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA



**National
Research
Foundation**

Students, post-docs and research associates

Post-docs

- **Chloé Guerbois; Yashwant Rawat**

Research Associates

- **Dirk Roux (Adjunct Prof); Jean Nel; Hervé Fritz (new); Peter Novellie (New)**

Master's students

- **Samantha McCulloch; Thea Buckle; Peet Botes; Andrew Jackson; Verouschka Sonn; Kutelani Tshivhase; Rosie Gerolemou**

PhD students

- **Bianca Currie; Lisa Heider; Maretha Alant**

Provisional applications by 3 new Master's, one PhD and two-post-docs

Academic Capacity Development,

July-November 2015

- Regular journal club meetings
- Writing workshops and retreats
- Ecosystems and Society learning event
- Three RCD workshops attended



The screenshot shows the SAPECS website. The logo features a stylized flower with four petals in blue, green, red, and brown, each containing a different icon: a water drop, a house, a hand holding a leaf, and a deer. To the right of the logo is the text "SAPECS" and "Southern African Program on Ecosystem Change and Society". A search bar is located in the top right corner. Below the logo is a navigation menu with links for Home, About, Working Groups, Associated Projects, Resources, People, and Login. The main content area features a heading for "SAPECS Learning Event: Participatory Action Research in Social-Ecological Systems, 01-02 Nov" by Admin on 11/09/2015 in SAPECS News. The event title is "Participatory Action Research in Social-Ecological Systems: Principles and Practice when Working with Communities". The dates are "1 November at 16:00 until 2 November 17:30" (before the PECS2015 Conference, www.pecs2015.org). The venue is "Stellenbosch Institute for Advanced Studies (STIAS), 10 Marais Street, Stellenbosch". The facilitators are "Christo Fabricius with Dirk Roux; Maria Tengö; Franck de Saint Simon; Karen Esler and others". There is a "Background" section at the bottom, which begins with "Scholars of the dynamics and interactions of ecosystems and society are beginning to appreciate the value of local and informal". On the right side of the page, there are sections for "SAPECS Updates" with a "Sign up for Updates" link, and "Social Media" with icons for Twitter and Facebook.

SAPECS
Southern African Program on Ecosystem Change and Society

Home About Working Groups Associated Projects Resources People Login

SAPECS Learning Event: Participatory Action Research in Social-Ecological Systems, 01-02 Nov
by Admin on 11/09/2015 in SAPECS News

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Principles and Practice when Working with Communities**

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Background
Scholars of the dynamics and interactions of ecosystems and society are beginning to appreciate the value of local and informal

SAPECS Updates
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Awards and Achievements

The SRU was awarded the NMMU Community Engagement Award at the annual NMMU Awards Ceremony, September 2015



Priorities for 2016

- Implement recommendations of Review Panel
- Succession plan
- Recruiting new post-docs and PhD students
- Strengthening links with NMMU, national and international academics
- Implement SLP strategy
- Raise more funds
- **Submit application for a Centre for Ecosystems and Society**