

## CURRICULUM VITAE: BRONWYN JANE GOBLE (PALMER)

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### RESEARCH AND PROFESSIONAL INTERESTS

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Current research focuses on coastal management, coastal processes and changes in the coastal zone in light of climate change, human intervention and legislative actions. My research also considers the use of Geographic Information Systems (GIS) as a management and research tool. Current research is strongly focuses on the KwaZulu-Natal coast, South Africa.

### QUALIFICATIONS

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MSc, Geography (Rhodes University)	2009
<i>Thesis:</i> An assessment of development and land use change in the coastal zone of the Ndlambe and Ngqushwa local municipalities, Eastern Cape, South Africa.	
<i>Key aspects:</i> GIS, aerial photographs, coastal development, coastal management and Driver-Pressure-State-Impact-Response (DPSIR) Framework.	
BSc Honours, Geography (Rhodes University)	2006
BSc: Geography, Environmental Science and Management (Rhodes University)	2003

### EMPLOYMENT HISTORY

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**2009 – Current:** Employed at Oceanographic Research Institute (ORI) as a Scientist. I manage the coastal zone and GIS unit. My focus is two-fold, firstly looking at integrated coastal management and research, primarily for the KwaZulu-Natal coastal zone and aims to assist the provincial government with the implementation of the Integrated Coastal Management Act. Secondly, facilitating and co-ordinating all GIS output for ORI. Projects worked on included, vulnerability assessment of the KwaZulu-Natal coastal zone to erosion and extreme events, determination of the coastal protection zone, set-back lines and other components of the coastal zone.

**Employment experience includes:** *Self-employed part-time work* whilst completing MSc studies. Work included public participation and environmental consulting, administration, book keeping, invoicing, brochure poster newsletter and website designs and layouts (2008 – 2009). *Environmental consulting* at Coastal and Environmental Services (CES), where I focused on Public Participation and management of the Interested and Affected Parties (I&AP). Projects included the proposed Knysna N2 Toll Highway, the alternative dredge disposal site for Durban Port and the proposed relocation of Informal Traders in Knysna. Whilst employed at CES, I studied part-time for an honours degree and MSc in Geography (2005 – 2008).

### PUBLICATIONS

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Goble, B.J. and Mackay, C.F. 2013. Developing risk set-back lines for coastal protection using shoreline change and climate variability factors. Proceedings 12th International Coastal Symposium (Plymouth, England), *Journal of Coastal Research, Special Issue*, 65, pp. 2125-2130.

Goble B.J. and van der Elst, R. 2013: Trends in coastal development and land cover change: The case of KwaZulu-Natal, South Africa, *WIOJMS*, *in press*.

Palmer B.J., Van der Elst, R., Mackay, F., Mather, A.A., Smith, A.M., Bundy, S.C., Thackeray, Z., Leuci, R. and Parak, O. 2011: Preliminary coastal vulnerability assessment for KwaZulu-Natal, South Africa, *Journal of Coastal Research*, Special Issue 64, 1390-1395.

Palmer B.J., Hill T.R., McGregor G.K. and Paterson A.W., 2011: Using the DPSIR Framework to Assess Coastal Development and Land Use Change, *Journal of Coastal Management*, 39, 158 – 174.

Palmer B.J., McGregor G.K., Hill T.R. and Paterson A.W., 2010: A spatial assessment of coastal development and land use change in the Eastern Cape, South Africa, *South African Geographical Journal*, 92, 117 – 128.

Palmer B.J. and McGregor G.K. 2008: *Land cover and Land use assessment in the coastal zone: Eastern Cape, South Africa*. Presented at 5<sup>th</sup> International Conference on Geographic Information Systems, Fatih University Publications, Istanbul, 2 – 5 July 2008. *Proceeding, Volume 1pg 139-146*.

#### **POPULAR ARTICLES**

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Palmer B., van der Elst, R, and Parak, O. 2011: *Understanding our Coast: A synopsis of KwaZulu-Natal's coastal zone*, KwaZulu-Natal Department of Agriculture and Environmental Affairs, Cedara, Pietermaritzburg, 32pp.

Palmer B.J. and McGregor G.K., 2008: *Land cover and Land use change: Coastal Development in the Eastern Cape*. Web based article, Available: <http://www.saeon.ac.za/eNewsletter/Online/2008/july/doc07/>

2009 – 2012 *NEWSLETTERS*: Palmer B., van der Elst, R, and Parak, O. *Ulwandle, KZN's Coastal Newsletter*, Department of Agriculture and Environmental Affairs, Cedara, Pietermaritzburg, 32pp.