

Biographical sketch: Vanden Berghe, Edward

Professional preparation:

‘Kandidaat’ Biological Sciences (comparable to BA), Free University Brussels, 1976.
‘Licentiaat’ Zoological Sciences (comparable to MSc), Free University Brussels, 1978.
Title of thesis: Differential food preferences in five species of *Tisbe* (Copepoda, Harpacticoida).
PhD Sciences/Biology, Free University Brussels, 1988. Title of thesis: Functional morphology of the nematode pharynx.
No post-doctoral training – went directly for project management in Kenya

Employment:

Executive Director, Ocean Biogeographic Information System. From May 2007 to present
Manager, Flanders Marine Data and Information Centre, Flanders Marine Institute. From November 1999 to April 2007.
Manager of the project ‘Biodiversity Information for the African Rift’; Royal Museum for Middle Africa. From September 1999 to October 1999.
Manager of the project ‘Regional Co-operation in Scientific Information Exchange – Western Indian Ocean’; Limburg University Centre on behalf of the Flemish Inter-University Council. From 1 April 1996 to 31 October 1998.
Taxonomic Database Advisor, Royal Museum for Middle Africa, Brussels, Belgium. 16 January 1996 – 15 March 1996.
Biodiversity Database Co-ordinator; National Museums of Kenya. 15 March 1993 – 31 December 1995.
Guest lecturer in the Postgraduate Programme ‘Fundamental and applied Marine Ecology’, Free University of Brussels. December 1990 to present
Lecturer, Department of Zoology, University of Nairobi. 1 January 1989 – 31 December 1992.
Resident expert, Kenya Belgium Project in Marine Sciences (Based at KMFRI, Mombasa). Free University Brussels, on behalf of the Flemish Inter-University Council. 1 May 1988 – 31 December 1988.
Assistant Lecturer, Free University Brussels. 1 August 1984 – 30 April 1988.
Scientific Collaborator, State University Ghent. 1 November – 31 July 1984.
Assistant Lecturer, Free University Brussels. 1 November 1978 – 31 October 1988.

Synergistic activities:

Co-chair (with Mark Costello) of the Steering Committee of the World Register of Marine Species
Member of the International Team of Species 2000
Member of the IOC Group of Experts, Biological and Chemical Data Management and Exchange Practices. 2002 to present. Chair of the group from 2002 to 2006.
Chair of the Organising Committee of the ‘Ocean Biodiversity Informatics’ Symposium, organised in Hamburg, 29 November – 1 December 2004
Member of the Editorial Board for the *Journal of East African Natural History*. 1 June 1995 to present.

Five most relevant publications

Appeltans, W.; Vanden Berghe, E. (2003). TISBE & APHIA: on-line biological databases for marine species in Belgium and adjacent areas. Pp 63 in Mees, J.; Seys, J. (Ed.): VLIZ Young Scientists' Day, Brugge, Belgium 28 February 2003: book of abstracts. VLIZ Special Publication, 12. Vlaams Instituut voor de Zee (VLIZ): Oostende, Belgium.
Costello, M.J.; Vanden Berghe, E. (2006). ‘Ocean biodiversity informatics’: a new era in marine biology research and management. *Mar. Ecol. Progr. Ser.* 316: 203-214.
Vanden Berghe, E.; Brown, M.; Costello, M.J.; Heip, C.H.R.; Levitus, S.; Pissierssens, P. (Ed.). (2004). Proceedings 'The Colour of Ocean Data': international symposium on oceanographic data and information management with special attention to biological data Brussels, Belgium, November 25-27, 2002. IOC Workshop Report, 188. UNESCO/IOC/VLIZ: Paris, France. x, 308 pp.
Vanden Berghe, E.; Appeltans, W.; Costello, M.J.; Pissierssens, P. (Ed.). (2007). Proceedings of 'Ocean Biodiversity Informatics': an international conference on marine biodiversity data management Hamburg, Germany, 29 November - 1 December, 2004.

IOC Workshop Report, 202, VLIZ Special Publication 37. UNESCO/IOC, VLIZ, Bundesamt für Seeschifffahrt und Hydrographie: Paris, France. vi, 192 pp.
Vanden Berghe, E.; Rees, H.L.; Eggleton, J.D. (2007). NSBP 2000 data management, in: Rees, H.L. et al. (Ed.) (2007). Structure and dynamics of the North Sea benthos. ICES Cooperative Research Report, 288: pp. 7-20.

Five other publications

Degraer, S.; Wittoeck, J.; Appeltans, W.; Cooreman, K.; Deprez, T.; Hillewaert, H.; Hostens, K.; Mees, J.; Vanden Berghe, E.; Vincx, M. (2006). The macrobenthos atlas of the Belgian part of the North Sea. Belgian Science Policy: Brussel, Belgium. ISBN 90-810081-6-1. 164, photographs, 1 cd-rom pp.
Samyn Y., Vanden Berghe E., 2000. Annotated Checklist of the Echinoderms from the Kiunga Marine National Reserve, Kenya. Part I. Echinoidea & Holothuroidea. Journal of East African National History 89: 1-35.
Vanden Berghe, W., & P. Aerts (1988). A hidden line algorithm for graphical reconstruction of serially sectioned objects. Computer applications in Biology 4: 281-289
Vanden Berghe, W. & M. Bergmans (1981). Differential food preferences in three co-occurring species of Tisbe (Copepoda, Harpacticoida). Marine Ecology Progress Series 4: 213-219.
Vanden Berghe, E. (2006). Large scale comparisons and databases MarBEF: lessons learned from data integration, in: (2006). Marine Biodiversity and Ecosystem Functioning EU Network of Excellence: General Assembly - Science Meeting Lecce (Italy) 9-11 May 2006: Book of Abstracts. pp. 3

Co-authors

Appeltans, Mees, Seys, Hernandez, Haspeslag, Deneudt, Claus, Vandepitte, Vanhoorne, Lescauwaet, T'Jampens: Flanders Marine Institute, Oostende, Belgium
Degraer, Deprez, Vincx: University Ghent, Belgium
Wittoeck, Hostens, Cooreman, Hillewaert: Fisheries research institute, Oostende, Belgium
Samyn: Royal Belgian Institute for Natural History, Brussels, Belgium
Rees: retired (ex Cefas)
Eggleton: Cefas, Burnham, UK
Costello: Auckland University, New Zealand
Brown, Pissierssens: Intergovernmental Oceanographic Commission of UNESCO
Levitus: NOAA
Grassle, Zhang: Institute of Marine Sciences, Rutgers University

Supervisors

MSc thesis: Prof. Dr Ph Polk, retired (ex-Free University Brussels)
PhD thesis: Prof. Dr D. Roggen, retired (ex-Free University Brussels)

Students in last 4 years

Jelvas M. Mwaura (2006-2007) and Kanyange W. Nyaga (2005-2006), both on Ecomama postgraduate programme, Free University Brussels. Now both back at Coral Reefs in the Indian Ocean (CORDIO) project, Mombasa, Kenya