



Abbreviated Curriculum Vitae - Enrico Gennari (PhD)

Enrico Gennari's PhD on the thermal physio-ecology of the white shark greatly enhanced our understanding of the trophic ecology and behaviour of the species. He has been studying movement of large sharks using active and passive acoustic telemetry for more than 13 years. His main research focus is on the movement ecology of sharks, besides other work on biology, population dynamics, ecology of sharks, marine mammals and bony fish.

He is the Director of Research at Oceans Research in Mossel Bay, an Honorary Research Associate of the South African Institute for Aquatic Biodiversity (SAIAB), an Associate Member at the Centre for Coastal Palaeosciences of the Nelson Mandela Metropolitan University and Research Associate at the Rhodes University's Department of Ichthyology and Fisheries Science (DIFS).

He is one of the founding members of the South African White Shark Research Group (SAWSRG) and the Southern African Movement Ecology Group. He was nominated for the Shark Advisory Group and the Marine Mammal Stranding Response Advisory Group by the South African Department of Environmental Affairs. He has published 17 peer reviewed papers. He has supervised 2 PhD, 9 MSc and 4 BSc (Hon) students, in collaboration with the University of Pretoria, the University of Cape Town, Rhodes University, Stellenbosch University, Sussex University (UK), University of Brussels (Belgium) and Dalhousie University (Canada).

Present Position: Director of Research at Oceans Research, Mossel Bay. Honorary Research Associate - the South African Institute for Aquatic Biodiversity (SAIAB). Research Associate at the Department of Ichthyology and Fisheries Science (DIFS) at Rhodes University.

Date of Birth: 21 January 1977. **Place of Birth:** Rome, Italy.

University Qualifications: 2004- M.Sc. Natural Science, University of Rome "La Sapienza" (Italy); 2015 PhD Science, Rhodes University (South Africa).

Research Activities: Movement ecology and ecophysiology of sharks; biology, population dynamics, ecology of sharks, marine mammals and bony fish.

National Appointments: 2013-present: Member of the steering committee of the Southern Africa Shark and Ray Symposium. 2014-present: Member of the South African white shark research group. 2014-present: Member of the Southern Africa Movement Ecology group. 2015-present: Invited member of the Shark and Marine Mammal Advisory Groups for the South African Department of Environmental Affairs.

Postgraduate Student Training: Supervising 2 PhD, 9 MSc, 4 Bsc (Hon) in collaboration with the University of Pretoria, the University of Cape Town, Rhodes University, Stellenbosch University, Sussex University (UK), University of Brussels (Belgium) and Dalhousie University (Canada).

Symposia, Workshops and Refereeing: Delivered oral presentations/posters at 9 International and 1 National Symposia/Workshops; reviewed 5 manuscripts for 5 scientific journals.

Publication Record: Authored/Co-authored 21 peer-reviewed scientific papers in accredited journals (e.g. Nature, Frontiers in Marine Science, PloS One, M.E.P.S ...) and 1 in reviewed Conference Proceedings.

Major Publications [Citations]:

Gennari E. and Scacco U., 2007. First age and growth estimates in the deep water shark, *Etmopterus spinax* (Linnaeus, 1758), by deep coned vertebral analysis. Marine Biology 152 (5): 1207-1214.

Johnson R., Bester M.N., Dudley S., Oosthuizen W.H., Meÿer M., Hancke L. and Gennari E., 2009. Coastal swimming patterns of white sharks (*Carcharodon carcharias*) at Mossel Bay, South Africa. Environmental Biology of Fish 85: 189-200.

Jewell O.J.D., Johnson R.L., Gennari E. and Bester M.N., 2013. Fine scale movements and activity areas of white sharks (*Carcharodon carcharias*) in Mossel Bay, South Africa. Environmental Biology of Fish 96:881–894

James B.S., Bester M.N., Penry G.S., Gennari E. and Elwen S.H., 2015. Abundance and degree of residency of humpback dolphins *Sousa plumbea* in Mossel Bay, South Africa. African Journal of Marine Science 37 (3): 383-394

Kempster R.M., Egeberg C.A., Hart N.S., Ryan L., Chapuis L., Kerr C.C., Schmidt C., Huveneers C., Gennari E., Yopak K.E., Meeuwig J.J. and Collin S.P., 2016. How close is too close? The effect of a non-lethal electric shark deterrent on white shark behaviour. PLoS ONE 11(7): e0157717. doi:10.1371/journal.pone.0157717

Findlay R., Gennari E., Cantor M. And Tittensor D.P., 2016. How solitary are white sharks: social interactions or just spatial proximity? *Behavioral Ecology and Sociobiology* doi: 10.1007/s00265-016-2179-y

Gennari E., Johnson R.L. and Cowley P.D., 2018. Performance and reliability of active acoustic biotelemetry to best track marine pelagic species in temperate coastal waters. *Marine Biology*: DOI: 10.1007/s00227-018-3384-1