



# **CURRICULUM VITAE**

## **FAYE BRINKMAN**

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## Work experience

Dates	June 2019 – current
Occupation or position held	Lecturer / TRIATLAS Project Research Associate
Main activities and responsibilities	Planning teaching, including lectures, seminars/tutorials and learning materials for the modules: Ichthyology I, Ichthyology II, Fisheries Economics, Natural Resource Economics and Fisheries Management II. Planning and marking student assessments. Pursuing research. Administration. Data analysis of otolith chronologies including mixed effects modelling, Climate data analysis, literature review, proposal writing, report writing & manuscript writing, and trophic structure analysis, managing research budgets.
Name and address of employers	University of Namibia, Fisheries & Aquatic Sciences, Sam Nujoma Campus, Henties Bay, Namibia
Dates	September 2015 – current
Occupation or position held	Sustainability Consultant
Main activities and responsibilities	Manages the Environmental Management System, policy, procedures, standards, programmes and control measures of business activities. Supervise and implement the compliance of the project/company Environmental impact assessment (EIA), Environmental management plan (EMP) and other environmental statutory requirements during the exploration/construction/operational phase of the project. Liaise with client, government agencies and other relevant stakeholders. Prepare, review and update environmental monitoring reports and provide recommendations for the mitigation measures to protect the environment. Provide environmental training. Coordinate ISO 14001 re-certification audits. Course Curriculum development, Course writer & Content Editor.
Name and address of employers	1. China Harbour Engineering Company (CHEC), 196 Rikumbi Kandanga Road, Walvis Bay, Namibia 2. Langer Heinrich Uranium Mine (LHU), 10 Einstein Street, Box 156, Swakopmund 3. GEA Source Investment cc, 4377 Anemone Street, Swakopmund 4. Namibia College of Open Learning (NAMCOL), Independence Avenue, Katutura, Windhoek
Type of business or sector	Construction/ Mining / Consulting Services / Higher Education
Dates	February 2009 – April 2014
Occupation or position held	Senior Advisor: Product Stewardship
Main activities and responsibilities	Introduce, develop, implement and manage systems to assist in product management and the integration into HSEQ and other existing systems or frameworks. Develop companywide strategies, guidance, metrics and tools in area of competence. Assist key associations and government advocacy work relevant to Product Stewardship. Capturing and disseminating leading practice and lessons. Developing expertise and knowledge of approaches Product Stewardship related life cycle and supply chain topics to assist Rio Tinto business units globally. Support activities related to regulatory compliance for product regulations, emerging supply chain requirements, life cycle assessments across Rio Tinto business units
Name and address of employer	1. Rössing Uranium Limited (RUL), Private Bag 5005, Swakopmund, Namibia 2. Rio Tinto Management Services, 1 Harries Road, Illovo, Sandton 2196 South Africa
Type of business or sector	Mining
Dates	November 2003 – January 2009
Occupation or position held	Fisheries Biologist
Main activities and responsibilities	Planning and supervising hake ageing projects; developing ageing methods to provide updated growth estimates and age-length key (ALK); Estimate age and growth parameters of the two common hake species; Management of all data gathered, as well as overall management of survey equipment; design a statistically sound sampling strategy for otoliths from surveys and commercial boats.
Name and address of employer	Ministry of Fisheries and Marine Resources (MFMR), National Marine Information and Research Centre (NatMirc), P.O. Box 912, Swakopmund, Namibia

Type of business or sector	Fisheries
<b>Education and Training</b>	
Dates	2024
Title of qualification awarded	PhD Candidate - Fisheries and Aquatic Sciences
Principal subjects/ occupational skills covered	Otolith biochronologies for Sardine ( <i>Sardinops sagax</i> ) and Cape horse mackerel ( <i>Trachurus capensis</i> ) to identify ecosystem shifts in the Benguela attributed to climate change and fisheries
Name and type of organization providing education and training	University of Namibia, Namibia
Dates	2007
Title of qualification awarded	European Joint Master in Water and Coastal Management
Principal subjects/ occupational skills covered	Water Management, Environmental Management & Coastal Management
Name and type of organization providing education and training	University of Bergen, Norway & University of Algarve, Portugal
Dates	2003
Title of qualification awarded	Bachelor of Science
Principal subjects/ occupational skills covered	Chemistry and Molecular & Physiology Biology
Name and type of organization providing education and training	University of Namibia, Namibia
Dates	1995
Title of qualification awarded	Grade 12 (Cape Education Department)
Principal subjects/ occupational skills covered	Afrikaans, English, Biology, Physical Science, Mathematics, Agricultural Science
Name and type of organization providing education and training	Government of Namibia, Ministry of Education, Namibia
<b>Publications</b>	<p><b>Peer Reviewed Publications:</b></p> <ul style="list-style-type: none"> <li>- Brinkman FRV, Smoliński S, Bordbar MH, Verheye H, van der Lingen CD, Wilhelm MR. In press. Unveiling ecosystem shifts in the southern Benguela through otolith biochronologies of sardine (<i>Sardinops sagax</i>). Fisheries Oceanography. DOI: 10.1111/FOG.12710.</li> <li>- Brinkman FRV, Smoliński S., Fock H, Bordbar MH, Kreiner A, Kalola MS, Wilhelm MR. In review. Post-collapse somatic growth and population recovery failure of sardine (<i>Sardinops sagax</i>) in the northern Benguela from otolith biochronologies. Fisheries Research, Submitted 29/09/2024, Manuscript number: FISH13970.</li> <li>- Wilhelm M.R , C. L. Moloney, J-P. Roux, W. M. West, F. R. V. Brinkman, S. Kashava, and S. Paulus. 2018. The biannual otolith zone formation of the shallow-water hake <i>Merluccius capensis</i> in response to environment and physiology of northern Benguela. <i>Journal of Marine Systems</i> 188: 98-108.</li> </ul> <p><b>Study Guide Materials:</b></p> <ul style="list-style-type: none"> <li>- Youth and Sustainable Development Course Book, Bachelor of Arts in Youth and Community Development, 1<sup>st</sup> ed. NAMCOL. Windhoek, 2019, 388pp.</li> <li>- Youth, Governance, Transparency and Participation Course Book, Bachelor of Arts in Youth and Community Development 1<sup>st</sup> ed. NAMCOL. Windhoek, 2019, 325pp.</li> <li>- Youth Advocacy, Principles and Tools Course Book. , Bachelor of Arts in Youth and Community Development, NAMCOL. Windhoek, 2019, 361pp.</li> <li>- Sustainable Development and Environmental Issues, Diploma in Youth and Community Development, NAMCOL. Windhoek, 2021, 319pp.</li> </ul>

**Conference Presentations and Posters**

**Research Reports:**

- Namupala, F.R.V. 2021. Environmental Impact Assessment for the construction and operation of sewerage pump station and rising main in Kuisebmond, Om'kumoh Consulting Engineers, Walvis Bay, 100pp
- Namupala, F.R.V & Kalomo, S. 2019. Environmental Impact Assessment for the construction and operation of network tower in Walvis Bay Golf Course, PHIM Consulting Engineers, Swakopmund, Namibia, 72pp.
- Namupala, F.R.V & Kalomo, S. 2019. Environmental Impact Assessment for the construction and operation of network tower in Kuisebmond Extension 19, PHIM Consulting Engineers, Swakopmund, Namibia, 70pp.
- Namupala, F.R.V, Kalomo, S., Amutenya-Amatsi, N. 2019. Environmental Impact Assessment for the construction and operation of network tower in Hage Heights, PHIM Consulting Engineers, Swakopmund, Namibia, 70pp.
- Namupala, F.R.V. 2019. Environmental Management Plan for scrap recycling, flame cutting and salvage operations of Pieterse Namibia Steel cc, GEA Source Investment, Swakopmund, Namibia, 33pp.
- Namupala, F.R.V. 2019. Environmental Management Plan for scrap recycling, flame cutting and salvage operations of Omakolokoto Steel cc, GEA Source Investment, Swakopmund, Namibia, 35pp.
- Namupala, F.R.V. 2018. Environmental Impact Assessment for the construction of a new 33kV overhead line (from Booster 1- through Booster 2- through Lithops S/S- through Booster 3 to Arandis 5 MVA intake station, GEA Source Investment, Swakopmund, Namibia, 100pp.
- Brinkman, F.R.V. 2007. Analysis of annuli in otoliths, age distribution and growth distribution of the Namibian hake (*Merluccius Capensis*). Master Thesis. University of Algarve, Portugal. 79pp.
- Wilhelm M.R., Brinkman, F.R.V. 2004. Age and growth data of the Namibian hake *Merluccius capensis* and *M. paradoxus*. DWG/HK/04/02, Hake Demersal Working Group, November 2004, updated February 2005. Ministry of Fisheries and Marine Resources, Swakopmund, Namibia. 25pp.
- Brinkman, F.R.V. 2007. Age and growth data of the Namibian hake *Merluccius capensis* and *M. paradoxus*. DWG/HK/07/01, Hake Demersal Working Group, March 2007. MFMR, Swakopmund, Namibia. 18pp.
- Brinkman, F.R.V. 2008. Age and growth data of the Namibian hake *Merluccius capensis* and *M. paradoxus*. DWG/HK/07/01, Hake Demersal Working Group, March 2007. MFMR, Swakopmund, Namibia. 16pp.

- Brinkman, F.R.V. 2007. Analysis of annuli in otoliths, age distribution and growth distribution of the Namibian hake (*Merluccius Capensis*). Southern African Marine Science Symposium, 31 Oct – 2 Nov 2007, Cape Town, South Africa. (Oral)
- Brinkman, F.R.V. 2021. Using otolith biochronologies from sardine (*Sardinops sagax*) in the southern Benguela to identify ecosystem shifts. Tropical and South Atlantic Climate-Based Marine Ecosystem Prediction for Sustainable Management (TRIATLAS) General Assembly, 27 September – 1 October 2021, Virtual Meeting. (Poster presentation)
- Brinkman, F.R.V. 2020. Otolith biochronologies for sardine (*Sardinops sagax*) in southern Benguela. Sam Nujoma Campus Annual Research Conference, 6 November 2020, Henties Bay (Virtual Meeting). (Oral).

Mother tongue(s)

**Afrikaans**

Other language(s)

Self-assessment

**English**

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

**References**

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