

CV – Adolf Kellermann



International Council for
the Exploration of the Sea
Conseil International pour
l'Exploration de la Mer

ICESCIEM

Qualifications

Biology degree from the Christian-Albrechts-Universität, Kiel 1974-1981, Diploma with major emphasis on Zoology in the Department of Marine Ecology and Systematics (Prof. W. Noodt) in February 1981; Thesis title: Structure, dynamics and productivity of a blue mussel bed community in Eckernförde Bay (Western Baltic).

Dr. rer.nat. earned at Christian-Albrechts-Universität Kiel, Institute for Polar Ecology (Prof. G. Hempel) in December 1985, with major area of study in Fishery biology; Dissertation title: On the biology of early life stages of notothenioid fishes (Pisces) off the Antarctic Peninsula.

Professional activities

Scientific work – eleven years spent investigating the early life history of Antarctic fishes, including egg and larval fish distribution studies as related to hydrographic regimes and processes, feeding ecology and growth, mortality and recruitment processes as related to prey fields and predators, as well as investigating the microstructure of embryonic and larval stage otoliths revealing daily growth patterns. Field work involved participation in five expeditions to the Antarctic Peninsula seas on different British and German research vessels, participation in the international BIOMASS Program and intense cooperation with Brazil, the UK, the US, Poland and Russia between 1981-1991.

Scientific work and science management – twelve years of experience of co-ordinating research and monitoring in Germany's largest (marine) National Park (Schleswig-Holsteinisches Wattenmeer). This included a major research endeavor called "Ecosystem Research" (1992-1997), aiming at problem solving and translating applied research into management decisions and regulations. The project had more than 20 individual subprojects covering a broad range of disciplines from fishery to socio-economy. Final product was a revised (State) National Park law and various scientific publications including two books. Recent activities were projects on data base development and impacts of offshore windfarming. The second major activity was the design, implementation and co-ordination of the Trilateral Monitoring and Assessment Program (TMAP) in the Danish, Dutch and German Wadden Sea (1992-2004)

More than 50 scientific publications including books or book chapters, articles in peer-reviewed journals as well as articles for the public.

Work experience

1981-1982	Research Assistant	Institute for Marine Research, Kiel University, Dpt. Fishery Biology
1983-1985	Research Assistant	Institute for Polar Ecology, Kiel University
1985-1989	Junior Scientist	Alfred Wegener Institute for Polar and Marine Research, Bremerhaven, Section Biology I
1989-1991	Post-Doc	Hawai'i Institute of Geophysics, University of Hawai'i at Manoa, Honolulu, USA., 3 years NSF-grant
1992	Head	Ecosystem Research Secretariat, National Environmental Agency (UBA), Berlin.
1992-1994	Co-ordinator	'Ecosystem Research Project Wadden Sea' at the National Park Office, Tönning
1994-2004	Senior Scientist	National Park Office, Tönning (Dpty. Section Head)
2004-today	Head of Science	ICES