

## **Erich Bauerle**

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### **Education / Graduation**

1970 **First Diploma** (Physics) *Eberhard Carl University Tubingen*  
1975 **Diploma** (Physical Oceanography), *Christian Albrecht University Kiel*  
1981 **Dissertation** (Dr. rer. nat., Physics), *Christian Albrecht University Kiel*

### **Professional Experience**

**University Kiel, Institute for Marine Research** (*Research Scientist, Collaborator*)  
1975 – 1983 **SFB 133:** Subprojects „Dynamical model of local processes in the North Atlantic“ and „North Atlantic current system in the area of the Middle Atlantic Ridge“

**University Karlsruhe, Institute for Geophysics** (*Research Scientist, Collaborator*)  
1985 – 1987 Interaction of terrestrial eigenoscillations with seiches of inland lakes

**University Kiel, Institute for Pedagogics of Natural Sciences** (*Research Scientist, Collaborator*)  
1988 – 1989 Development of working materials on water ecology

**Institute for the Exploration and the Safeguard of the Waters, Ottendorf (IESGO)** (*Head of the Scientific Section*)

1990 – 1996 Reviews on the formation of stratification in open-cast mining lakes and on the wind driven circulation in shallow lakes  
Design and construction of a touring exhibition on water phenomena

**University Heidelberg, Institute for Environmental Physics** (*Research Scientist, Collaborator*)  
1992 – 2000 **SFB 248:** Cycling of Matter in Lake Constance  
**SFB 454:** The littoral zone of Lake Constance  
**EU-Projekt REFLECT** („The impact of climate change on lakes and reservoirs in North, West and Central Europe“)

**Technical University Darmstadt, Institute for Mechanics III** (*Research Scientist, Collaborator*)  
2000 – 2002 **SFB 454:** Influence of internal seiches on the shallow water zones of Lake Constance

**University Konstanz, Limnological Institute** (*Research Scientist, Collaborator*)  
2003 **SFB 454:** Coupling of internal oscillations with free oscillations of bays

**Moislinger Wasseransichten („Views of water“ at Moislingen)** (*Operating Authority*)  
1996 – 2012 Design, construction and operation of an open air exhibition on phenomena of moving water

**Naturum Gohrde** (*Freelance Collaborator*)  
2013 – Design and construction of the „WasserKlangPfad“ (WaterSoundPath)

**ASWEX (formerly IAMARIS e.V.) – Association of Senior Water Experts e.V.** (*Founding Member, Secretary since 09/2012*)  
2009 –

(State of December 20, 2013)