

# **Hannes Baumann, Ph.D.**

**Assistant Professor at University of Connecticut**  
Groton, CT, US

Hannes Baumann is an expert in coastal fish ecology and effects of marine climate change

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## **Biography**

Hannes Baumann studies how fish populations are adapted to environmental variability and how they may therefore cope with unfolding marine climate change, i.e., ocean warming, acidification and oxygen decline. It also includes changes to the marine food web and natural mortality patterns such as fisheries exploitation and selection. He uses experimental, field, and modeling approaches with tools including otolith microstructure and microchemistry, fish physiology, population dynamics, and evolutionary genetics. At the University of Connecticut, he has established the Fisheries Ecology Lab as a leader in experimental research on coastal forage fish such as silversides or sand lances.

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## **Areas of Expertise**

Evolution, Oceanography, Marine Science, Fish Populations, Marine Climate Change

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## **Education**

**Hamburg University**  
Ph.D Fisheries Biology

**Kiel University**  
M.S. Fisheries Biology

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