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Department of Marine Sciences
Presents a Seminar by

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Rhode Island DEM

More than meets the eye: using larval fish monitoring and research to inform fisheries management

Understanding the processes that influence the recruitment of marine species to their harvestable population remains one of the greatest challenges for resource management. Long-term monitoring and directed research on the planktonic or larval stages of these organisms can elucidate the factors that influence early life survivorship and resulting recruitment class strength. In this presentation, I highlight how monitoring of larval fish and directed research on larval transport modeling in Rhode Island, USA has addressed larger fisheries questions regarding metapopulations, habitat dependencies, and climate resiliency for three species: winter flounder, northern quahog, and Atlantic cod. These case studies provide examples for how ichthyoplankton monitoring and research at varying spatial scales can be used to inform sustainable fisheries management endeavors.

Host: Hannes Baumann

Time & Date: 11:00 am, Friday, January 27, 2023

Place: Lowell Weicker Building, Seminar Room 103 (or WebEx)

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