Cheng-Hsin Liao, Professor

Laboratory of Coastal Fisheries Research

Education :

- Department of Fishery Science, National Taiwan Ocean University (Ph.D.)

Professional experience :

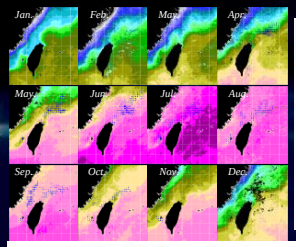
- Chairman, Department of Environmental Biology and Fisheries Science, NTOU
- Director, Center for Research Vessel Management, NTOU
- Associate Professor., Department of Environmental Biology and Fisheries Science, NTOU
- Assistant Teacher, Department of Environmental Biology and Fisheries Science, NTOU

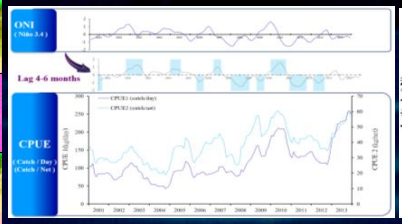
Expertise :

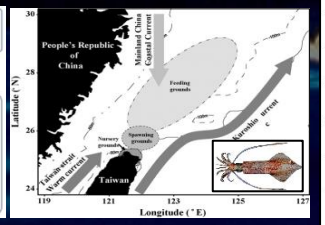
Fisheries Science, Oceanography, Environmental Biology, Conservation of Marine Environment

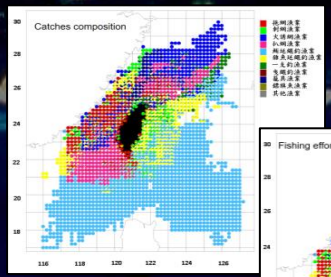
Research interest :

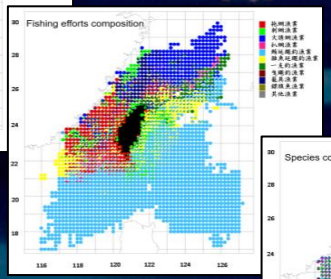
- The major research theme of our lab is to explore fishing conditions of coastal fisheries in the water off Taiwan in relation to oceanic condition with particular emphasis on loliginidae squids, one of major targeted species for lighted fisheries. Fishery biology of loliginidae squids are investigated in many aspects, including age and growth, reproductive biology, and population dynamics.
- Recently, we also start to collect a large amount of catch landing data and further integrate them with dynamic fishing vessels position data sourced from Voyage Data Recorder. These data can be used to analyze spatial and temporal distribution of coastal fisheries activities in the water off Taiwan, including dynamic characteristics of the fishing and oceanic conditions, fishing grounds and target species for coastal fisheries in Taiwan. These results are expected to provide fundamental information for decision-making and management of coastal fisheries in Taiwan.

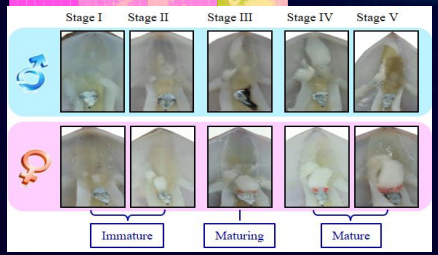


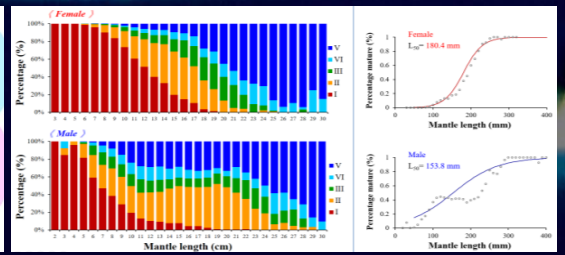


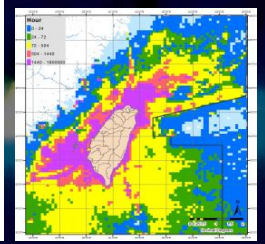


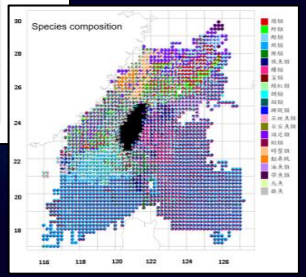












廖正信 教授 沿近海漁業研究室

學　　歷：國立台灣海洋大學 漁業科學學系 理學博士

經　　歷：國立臺灣海洋大學 環境生物與漁業科學系 主任
國立臺灣海洋大學 研究發展處 研究船船務中心 主任
國立台灣海洋大學 環境生物與漁業科學學系 副教授
國立台灣海洋大學 環境生物與漁業科學學系 助教

研究領域：漁業科學、海洋學、環境生物學、海洋環境保全

研究內容：

- 主要針對台灣沿近海燈火漁業之漁海況變動特性，以及燈火漁業主要漁獲物種「鎖管」之年齡成長、生殖生物學與族群動態等漁業生物學進行研究。
- 近年來，亦大規模收集臺灣沿近海作業漁船之卸魚查報資料，同時結合漁船航程記錄器(Voyage Data Recorder，VDR)之船位動態資訊，以解析臺灣沿近海重要漁業活動之時空分布結構，以及其作業漁場與主要漁獲物種之漁海況變動特性，並藉以做為臺灣沿近海漁業管理政策之基礎資料。