

# INTRODUCTORY FISHERIES SCIENCE FOR STAKEHOLDERS (IFISSH)

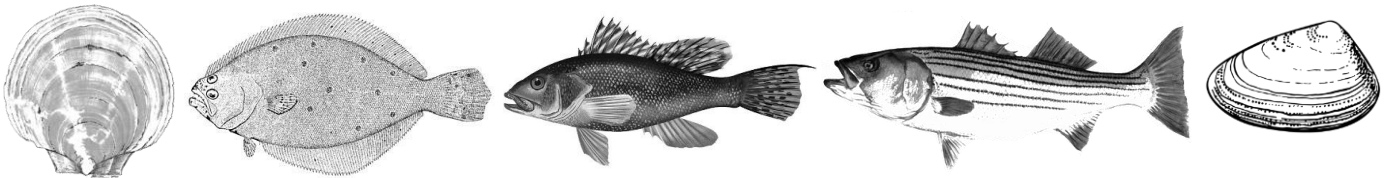
Rutgers Cooperative Extension (RCE) will be hosting our **Introductory Fisheries Science for Stakeholders (IFISSH)** course during the winter of 2020.



<https://ocean.njaes.rutgers.edu/marine/IFISSH.html>

The objective of this course is to educate stakeholders of New Jersey's commercial and recreational marine fisheries so that they will better understand and make progress on issues impacting their industries, including the science, management, and responsible stewardship of fishery resources.

**See reverse for schedule, course topics, and confirmed speakers.**



The course is open to all who are interested. Classes will meet **from 6:30 - 9:00 PM every Tuesday from January 28 - March 31, 2020** at the RCE of Ocean County in Toms River, NJ. Two optional field trips will occur spring 2020.

**“HyFlex” classes for live participation in-class or remotely via webinar.**

**Cost: \$60.00/person**

**Register before January 24, 2020  
by contacting:**

Kelly Jurgensen, Admin. Assist., RCE of Ocean County  
kjurgensen@co.ocean.nj.us | 732-349-1152

**For more information, please contact:**  
Douglas Zemeckis, Ph.D., County Agent III (Asst. Prof.)  
Dept. of Agriculture and Natural Resources  
Rutgers Cooperative Extension  
zemeckis@njaes.rutgers.edu | 732-349-1152



Rutgers Cooperative Extension is an equal opportunity program provider and employer. Contact your local Extension Office for information regarding special needs or accommodations. Contact the State Extension Director's Office if you have concerns related to discrimination, 848-932-3703.

Cooperating Agencies: Rutgers, The State University of New Jersey, U.S. Department of Agriculture, and County Boards of Chosen Freeholders. Educational programs are offered without regard to race, sex, disability, color, national origin, or age. Rutgers Cooperative Extension is an Equal Opportunity Employer.

# Introductory Fisheries Science for Stakeholders (IFISSH) 2020 Course Schedule

All classes meet on Tuesdays from 6:30 - 9:00 PM at the Rutgers Cooperative Extension of Ocean County (1623 Whitesville Road, Toms River, NJ 08755). Two optional field trips are described below.

“HyFlex” classes so that people can participate live in-class or remotely via webinar.

To register, please contact Kelly Jurgensen (Administrative Assistant, Marine Extension Program):  
kjurgensen@co.ocean.nj.us, 732-349-1152. Make checks payable to “Ocean County Board of Agriculture”  
and mail to: RCE of Ocean County, 1623 Whitesville Road, Toms River, NJ 08755, ATTN: Kelly Jurgensen

## Class Sessions and Confirmed Speakers

### **(1) January 28: Overview of Fisheries Science and New Jersey’s Marine Fisheries**

Dr. Douglas Zemeckis (Rutgers University)

Dr. Eleanor Bochenek (Rutgers University)

### **(2) February 4: Fisheries Biology, Life History, and Migration Patterns**

Dr. Thomas “Motz” Grothues (Rutgers University)

Dr. Douglas Zemeckis (Rutgers University)

### **(3) February 11: Climate Change Impacts on Marine Resources and Fisheries**

Dr. Douglas Zemeckis (Rutgers University)

Dr. Chris Chambers (NOAA Northeast Fisheries Science Center)

### **(4) February 18: Fisheries-Independent Data: Bottom Trawl and Other Surveys**

Dr. Gregory DeCelles (MA Division of Marine Fisheries)

Gregory Hinks (NJDEP Division of Fish and Wildlife)

Dr. Douglas Zemeckis (Rutgers University)

### **(5) February 25: Fisheries Oceanography**

Dr. Travis Miles (Rutgers University)

Sarah Borsetti (Rutgers University)

### **(6) March 3: Fisheries-Dependent Data (e.g., Observers, VTRs, VMS, MRIP)**

Josh O’Connor (NOAA Greater Atlantic Regional Fisheries Office)

Dr. Douglas Zemeckis (Rutgers University)

Dr. Richard Cody (NOAA Fisheries)

### **(7) March 10: Introduction to Stock Assessment**

Dr. Douglas Zemeckis (Rutgers University)

Dr. John Wiedenmann (Rutgers University)

Dr. Jason Morson (Rutgers University)

### **(8) March 17: State, Federal, and International Fisheries Management**

Mike Celestino (NJDEP Division of Fish and Wildlife)

Brandon Muffley (Mid-Atlantic Fishery Management Council)

Dr. Jeff Kneebone (New England Aquarium)

### **(9) March 24: Social and Ecological Factors in Fisheries Science and Management**

Dr. Olaf Jensen (Rutgers University)

Dr. Bonnie McCay (Rutgers University)

Dr. Roger Locandro (Rutgers University)

### **(10) March 31: Current Fisheries Issues and Cooperative Research**

Dr. John Manderson (Open Ocean Research)

Dr. Douglas Zemeckis (Rutgers University)

## Optional Field Trips

### **(1) Tour of Viking Village Commercial Fishing Docks, Barnegat Light, NJ**

- Date to be scheduled, Included in program fee

### **(2) Fishing trip aboard the F/V Voyager, Point Pleasant Beach, NJ**

- Date to be scheduled, Cost is not included in program fee