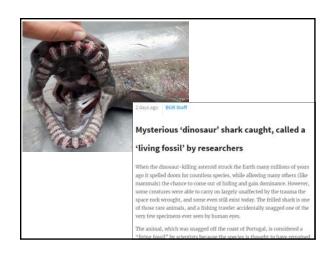
WF4313/6613-Fisheries Management

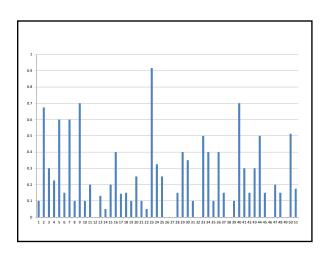
Class 25– Commercial fisheries management











Management Brief

- Brief- Due 8 am December 5th, he management brief should be no longer than 1000 words and targeted towards the same stakeholders as the presentation.
- Brief presentations-November 28th, The
 presentation should be short, 5 minutes at most and
 aimed at an audience of stakeholders. Stakeholders in
 fisheries may include anglers, angler groups (e.g.,
 BASS), and lake associations. The following rubric
 provides guidance on how this element will be
 assessed. Presentations will be held Tuesday
 November 28th during lab.

Presentation rubric							
Scoring Ruteric for	WEA 43	13 Oral	Presen	ifations			
PRESENCE -body language & eye contact -contact with the public -poise -physical organization	*	2.5	5	7.5	19	12.5	15
LANGUAGE SKILLS -correct usage -appropriate vocabulary and grammar -understandable (rdythm, intensition, accerst) -spoken loud enough to hear easily	٠	2.5	5	7.5	10	12.5	15
ORGANIZATION -clear identification of objectives -logical structure -clear management implications	٠	2.5	5	7.5	10	12.5	15
MASTERY OF THE PAPER -pertiannee -depth of commentary -spoken, not read -shot to answer questions -application to Mississippi fisheries	•	2.5	5	7,5	19	12.5	15
OVERALL IMPRESSION -very interesting/very boring -pleasant/unpleasant to listen to -very good/poor communication	٠	2.5	5	7.5	10	12.5	15
		TOTAL SCORE			175		

Journals to look in

- North American Journal of Fisheries Management
- Canadian Journal of Fisheries and Aquatic Sciences
- Transactions of the American Fisheries Society
- Fisheries Management and Ecology

Homework Assignment 1

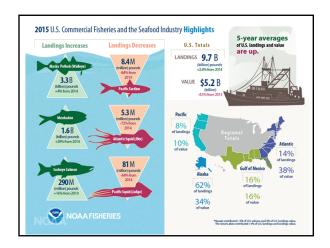
- Due November 15th 8am.
- Find and article and email it to me to check.

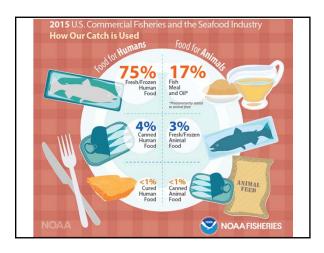


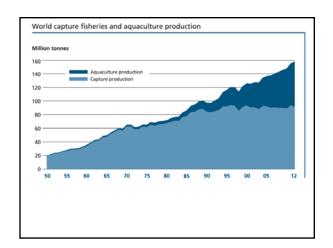


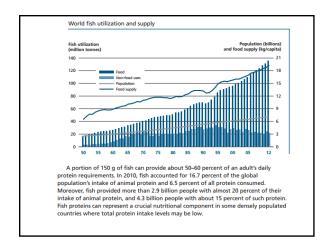
COMMERCIAL FISHERY MANAGEMENT

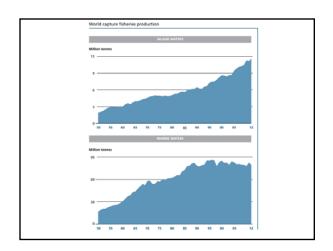






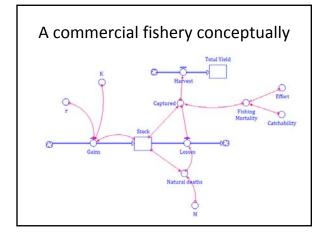






FAO Conclusion

- The maximum wild capture fisheries potential from the world's oceans has probably been reached.
- Overall, 80 % of the world's fish stocks for which assessment information is available are reported as fully exploited or overexploited and, thus, requiring effective and precautionary management.





A stock's status

- Underexploited
- Moderately exploited
- Fully exploited
- Overexploited
- Depleted
- Recovering

Underexploited

 Undeveloped or new fishery. Believed to have a significant potential for expansion in total production;

Moderately exploited

Exploited with a low level of fishing effort.
 Believed to have some limited potential for expansion in total production;

Fully exploited

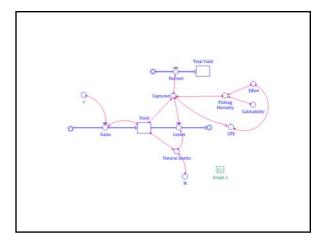
 The fishery is operating at or close to an optimal yield level, with no expected room for further expansion;

Overexploited

 The fishery is being exploited at above a level which is believed to be sustainable in the long term, with no potential room for further expansion and a higher risk of stock depletion/collapse;

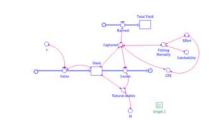
Depleted

 Catches are well below historical levels, irrespective of the amount of fishing effort exerted;



Recovering

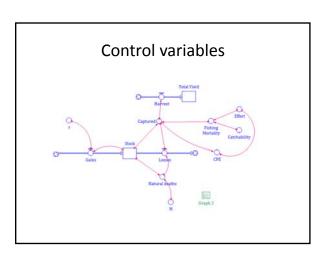
• Catches are again increasing after having been depleted

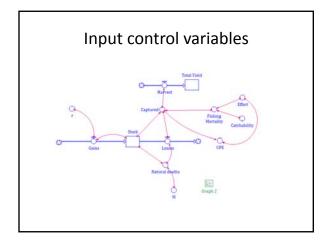


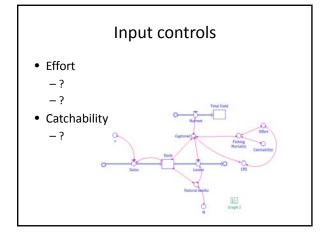
600 Stocks monitored by FAO

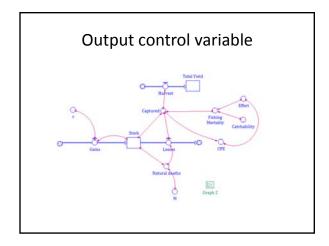
- 3% are underexploited
- 20% are moderately exploited
- 52% are fully exploited
- 17% are overexploited
- 7% are depleted
- 1% are recovering from depletion

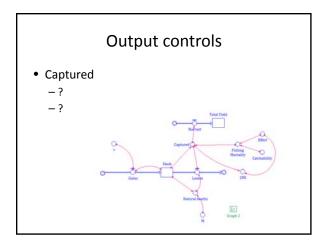
As of 2014











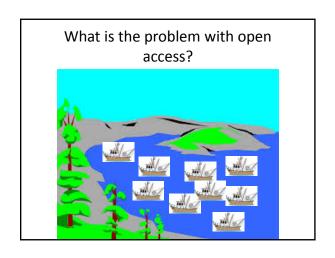
Types of commercial fisheries

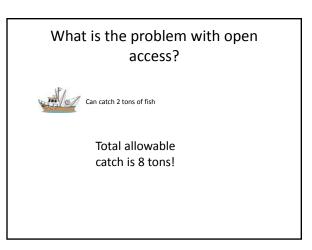
- 1. Open access
- 2. Limited acces

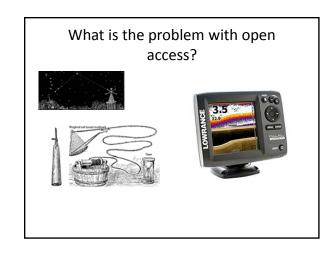
 $\label{thm:continuous} \mbox{Most U.S. fisheries have historically been open-entry or open-access fisheries.}$

OPEN ACCESS FISHERY













Fix for the problem

Limited entry & controlled access fisheries....

Limit access to a public trust resource?

Limited entry & controlled access fisheries

How can we do that

Preliminaries

- Total allowable catch is still the rule
 - Once exceeded fishery is closed
 - How do you share the TAC?

TAC Allocation

- 1. Commercial Harvest
- 2. Recreational Harvest
- 3. Conservation

Equals the TAC

LIMITED ENTRY (CONTROLLED ACCESS)

- 1. License Limitations
- 2. Individual quotas

License limitations

Suppose you are moving to a limited access fishery. How do you determine how many licenses to issue? Need 2 parts

- 1. ?
- 2. ?