

SEDAR:

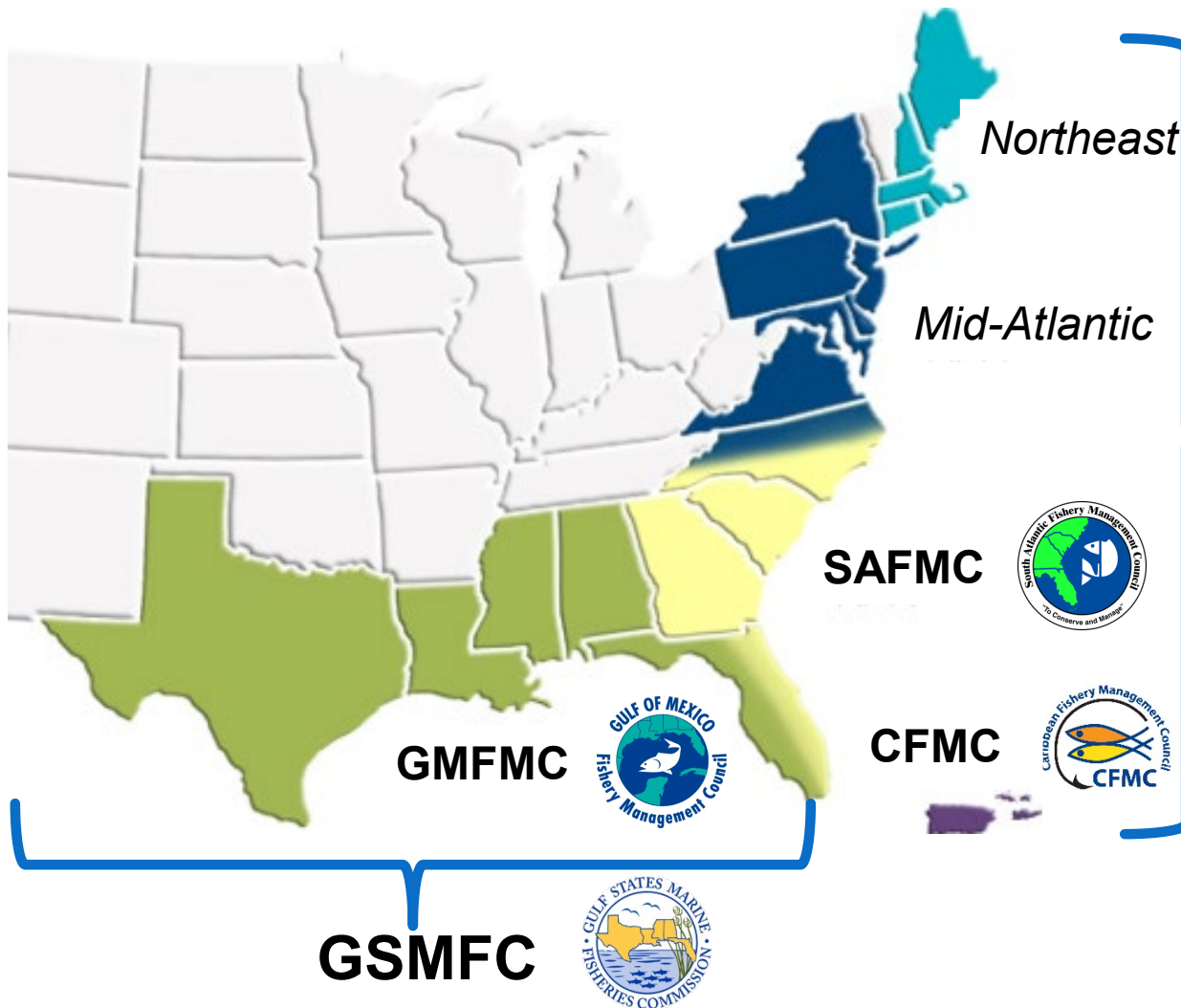
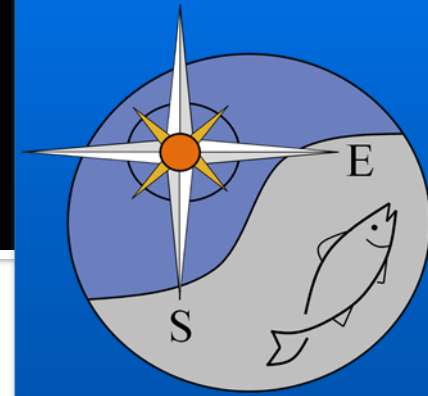
SouthEast Data, Assessment, and Review

Stock Assessment Program

Ryan Rindone
MREP – Science, November 2023



Where is SEDAR?



ASMFC



Federal Cooperators

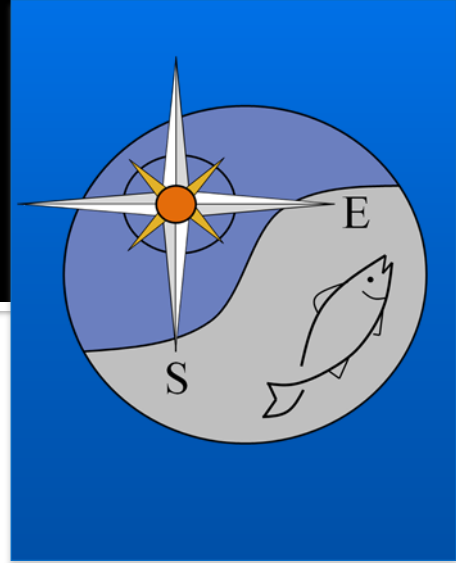
- SEFSC
- SERO
- NMFS HMS (Sharks)



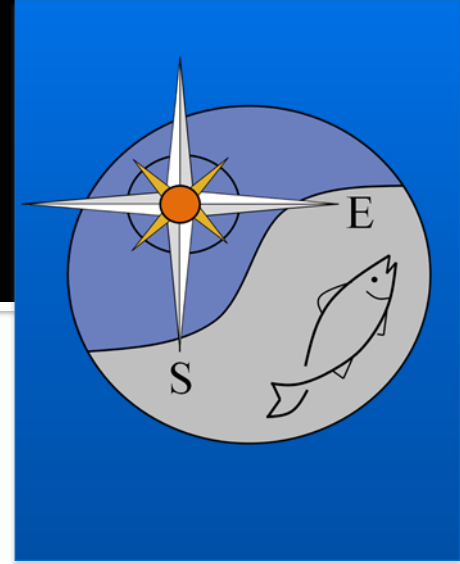
What is SEDAR?

SEDAR is a collaborative approach to conducting peer-reviewed, regional, quantitative stock assessments across the southeastern U.S.

- Started in 2002 in the South Atlantic
- Broaden participation in assessments
- Provide independent peer-review
- Improved planning, increased transparency
- Expanded in 2004 to include all Southeast
- Expanded in 2006 to include HMS
- Now on SEDAR 94 (Florida Hogfish)



What is SEDAR?

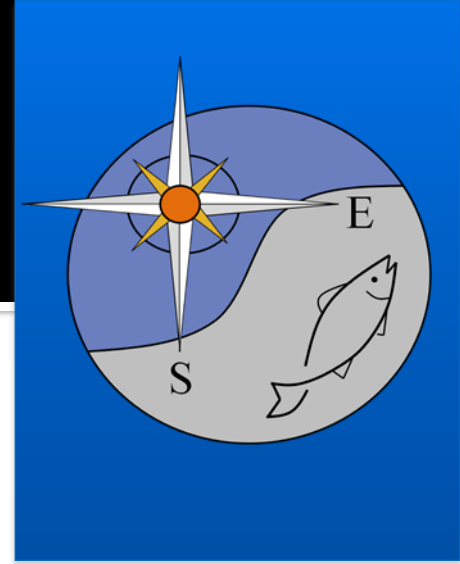


SEDAR Program Goals:

- Improve species priority setting and workload management
- Provide transparency
- Improve data and assessment quality
- Provide thorough documentation of methods and data
- Provide independent peer-review
- Increase participation (stakeholders, academics, etc)



What is SEDAR?



A word on “transparency”...

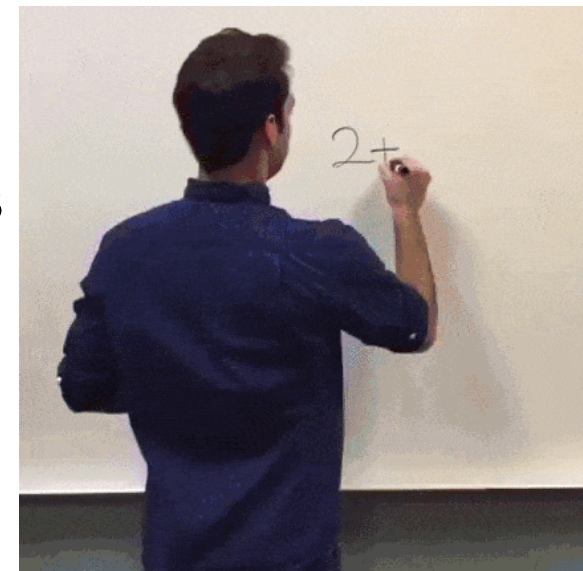
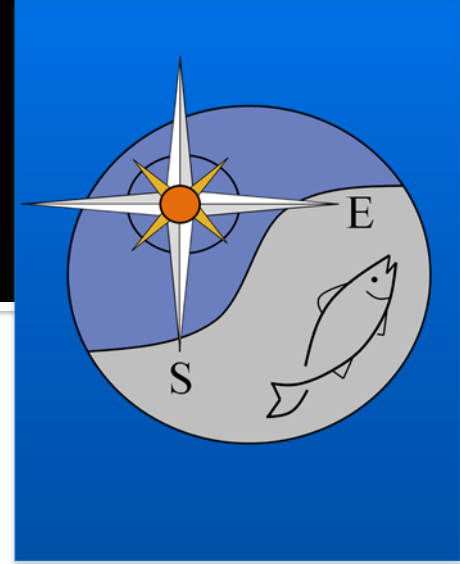
- All workshops and webinars* open to the public
- All documents available on the SEDAR website
- All assessment input data available
 - Within legal limits of confidentiality requirements
- Multiple opportunities for public comment
 - Through SEDAR, SSC, and Council

**some webinars are non-decisional,
and are not publicly noticed*

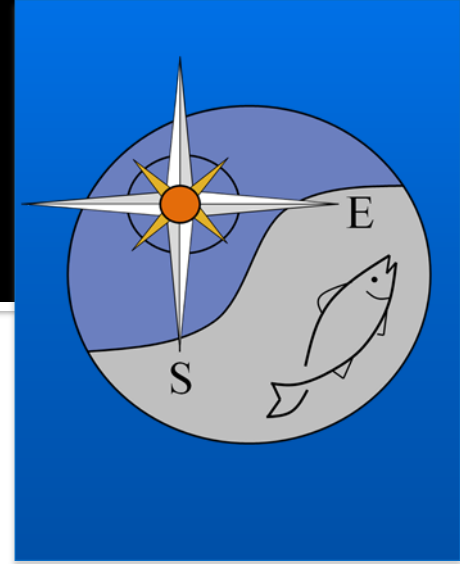


Who is SEDAR?

- Federal, state, and university scientists
 - Research, monitoring, ageing
 - Evaluating and compiling data
- Federal and state analysts
 - Run assessment and support models
 - Age/growth compositions, indices
- Fishermen
 - Share data, evaluate and interpret results and trends
- Council Members and Staff
 - Observers, oversight, regulatory history



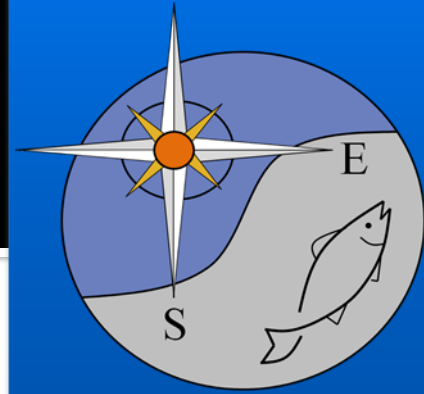
Who is SEDAR?



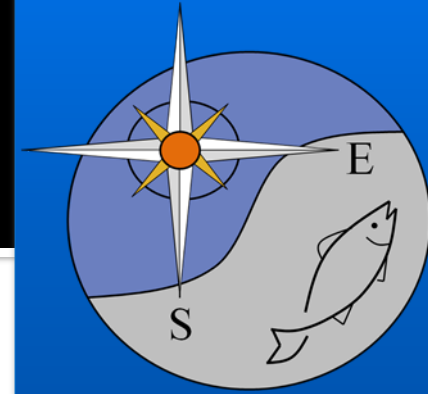
Typical Participants:

- NMFS: SEFSC, SERO, HMS, NOS, MRIP
- Councils: SAFMC, GMFMC, CFMC
 - Advisors, SSC, Members, Staff
- States: VA, NC, SC, GA, FL, AL, MS, LA, TX, USVI, PR
- Commissions: ASMFC, GSMFC
- Data: ACCSP, GULF FIN
- Research: SEAMAP, MARMAP, SEFIS, CRP, MARFIN, Universities
- Peer-review: Center for Independent Experts, SSC

Who is SEDAR?



Who runs SEDAR?



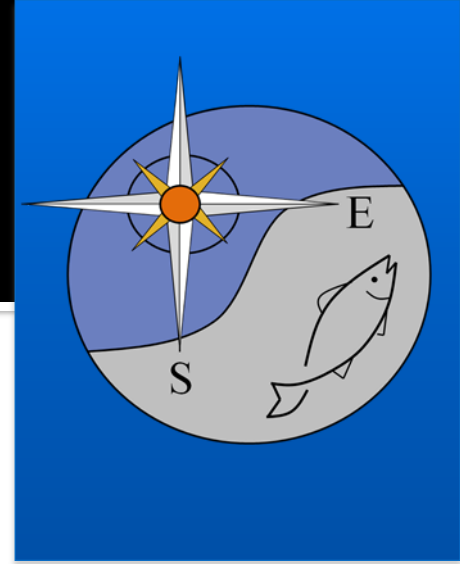
SEDAR Steering Committee

- Council Chairs (3) & Executive Directors (3)
- Commission Executive Directors (2)
- SERO Regional Administrator
- SEFSC Science & Research Director (Chair)
- HMS Director
- FWC

Role of Steering Committee

- Approves policies
- Balances assessment priorities & schedule
- Budgets fiscal and human resources
- Program oversight

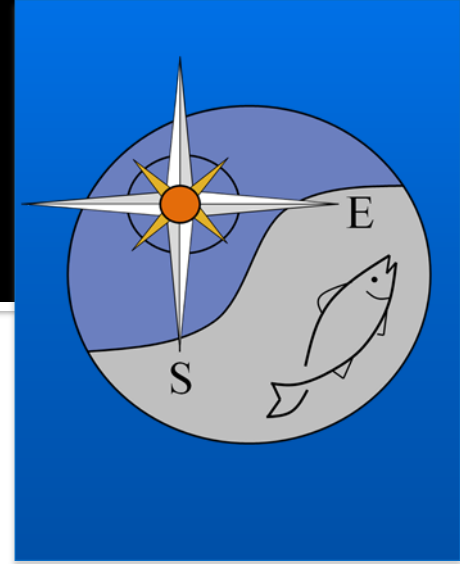
Who runs SEDAR?



- Administered through the SAFMC on behalf of all Cooperators
- Staff housed at SAFMC
 - Program Manager
 - SEDAR Coordinator
- Grant funding from NOAA Fisheries
 - Staff
 - Travel support for participants

You may be appointed by the Gulf Council, then contacted by someone from SAFMC

How does SEDAR work?



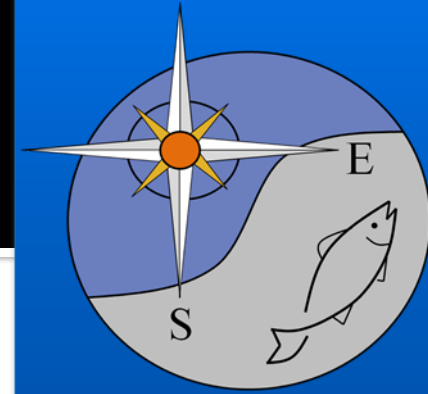
Research Track

- New species, new model
- Dedicated, independent peer-review
- No mgmt. advice, requires OA follow-up

Benchmark

- Everything 'on the table', scope can vary
- Independent peer-review, with CIE/SSC
- Uses workshops, produces mgmt. advice

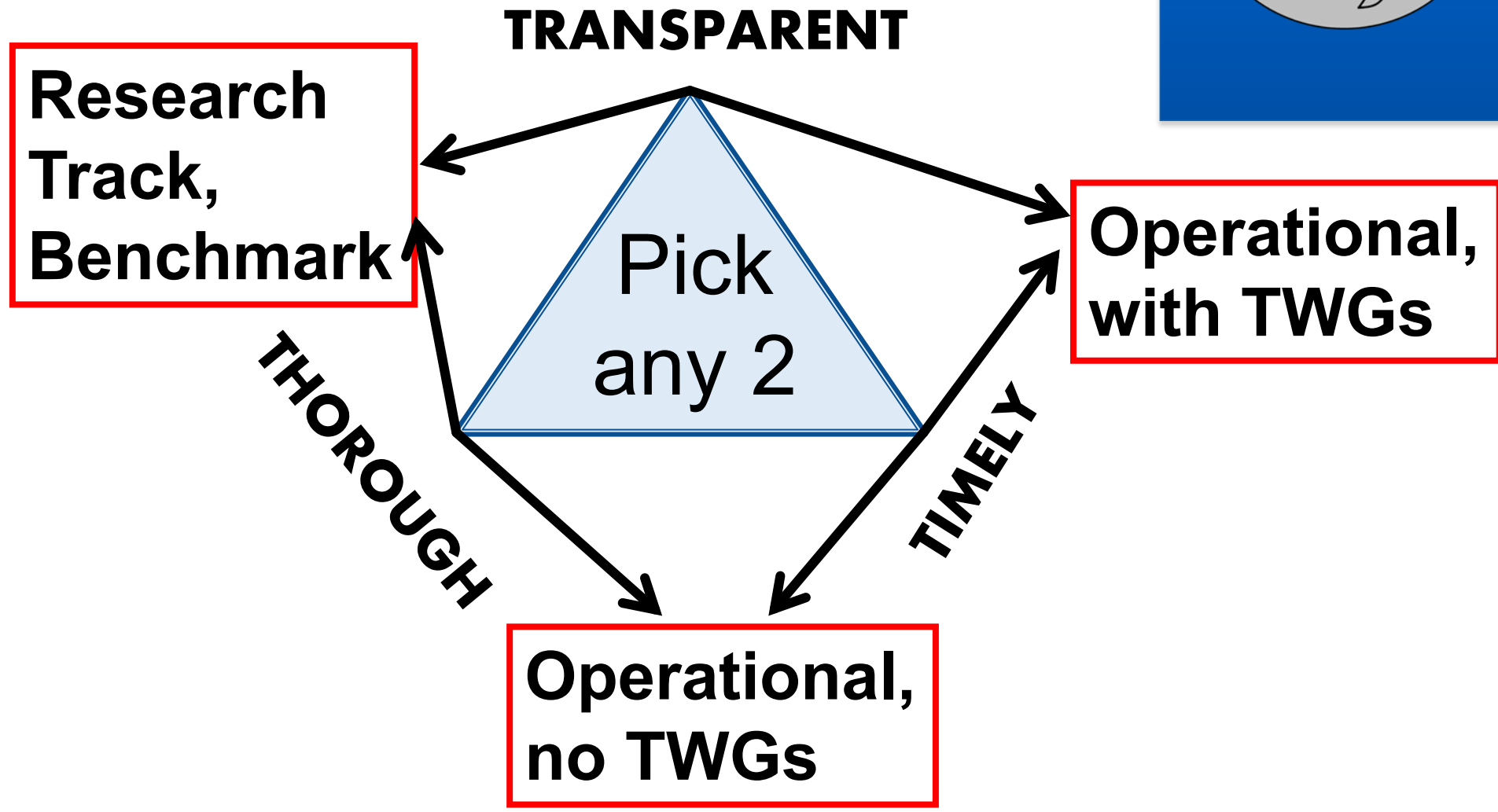
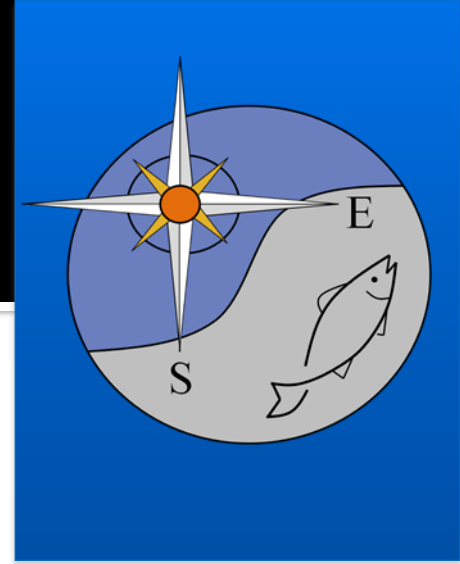
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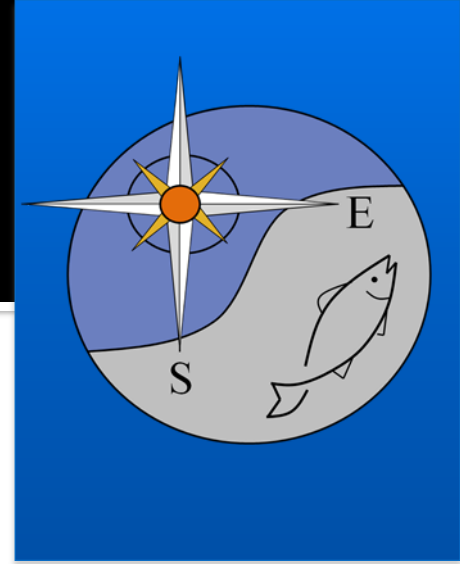
Operational

- New data put through prior accepted model
 - Use topical working groups to evaluate
- Update existing data
- Limited changes to prior model
 - Can use TWGs here, but not required
- Changes proposed affect time requirements
- SSC provides review, yields mgmt. advice

How does SEDAR work?

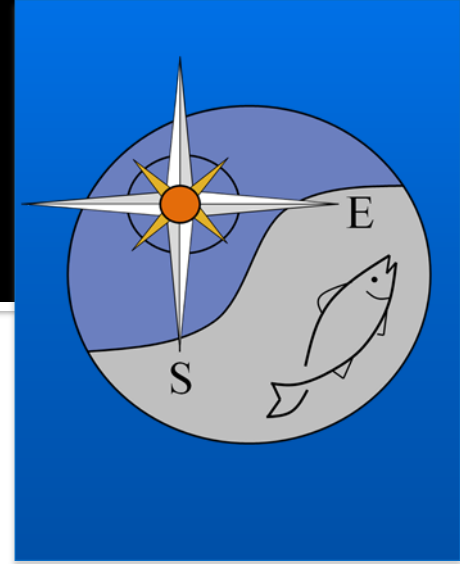


How does SEDAR work?



- Three-step stock assessment process:
 - Step 1: Data Stage
 - Step 2: Assessment Stage
 - Step 3: Review Stage
- Discuss SCIENCE
- Panels develop recommendations by consensus
- List of tasks developed for each stage (e.g., Terms of Reference)

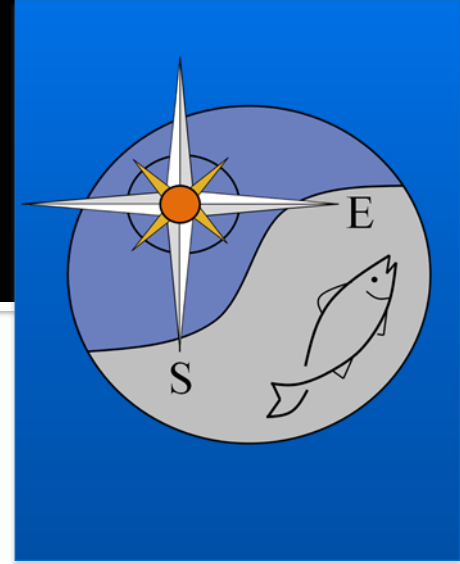
How does SEDAR work?



- Step one: Data Stage & Data Workshop
 - Data are compiled, reviewed, evaluated
 - Participants include state agency and university researchers, data collectors, analysts, SSC, and fishermen
 - Significant effort to compile and prepare data in advance
 - Participants are in working groups; fairly informal

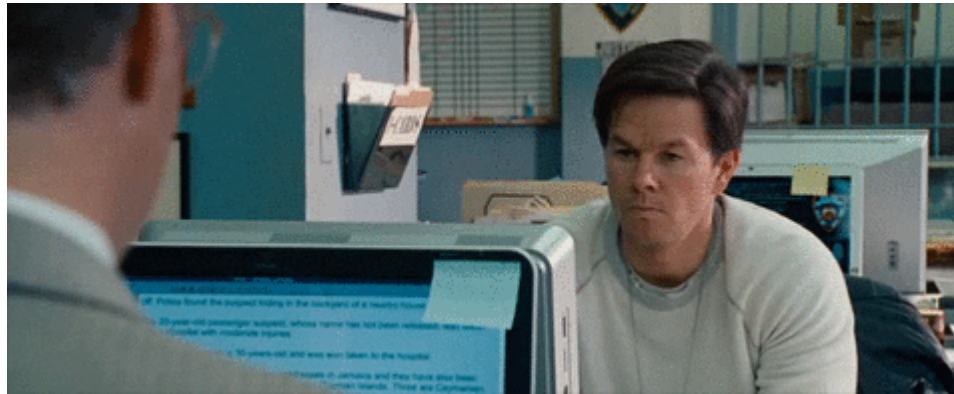
Data Stage is the least formal, includes the most participants, and provides the greatest opportunity for fishermen to make a difference

How does SEDAR work?

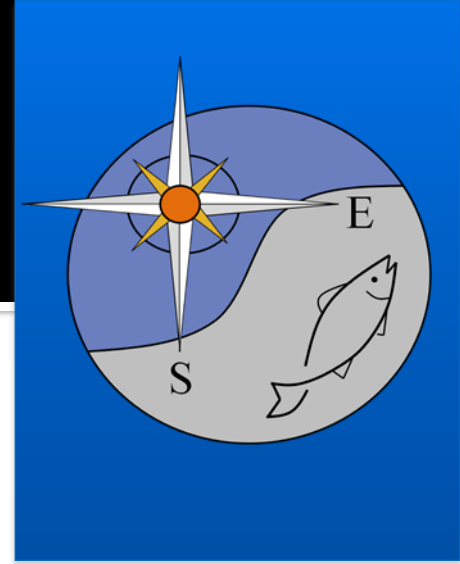


- Step two: Assessment Process
 - Assessment models are developed
 - Data may be re-evaluated
 - Participants include analysts, SSC, and fishermen
 - Held via webinars

This stage is more formal and technical, but input from fishermen is still very helpful here.



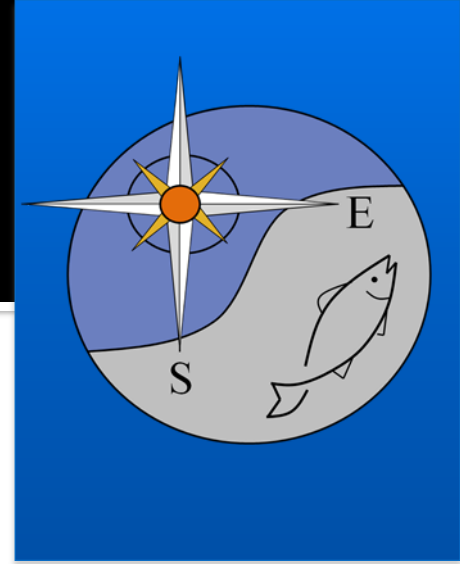
How does SEDAR work?



- Step three: Review Stage & Peer-review
 - Research Track and Benchmark:
Independent peer-review
 - Data used, model, and findings
 - Review Panel include SSC and CIE
 - Other participants include analysts and fishermen
 - All others: SSC peer-review, open to public

The Review stage is the most formal. A fisherman's role is primarily to observe, although reviewers often will ask them questions

How does SEDAR work?

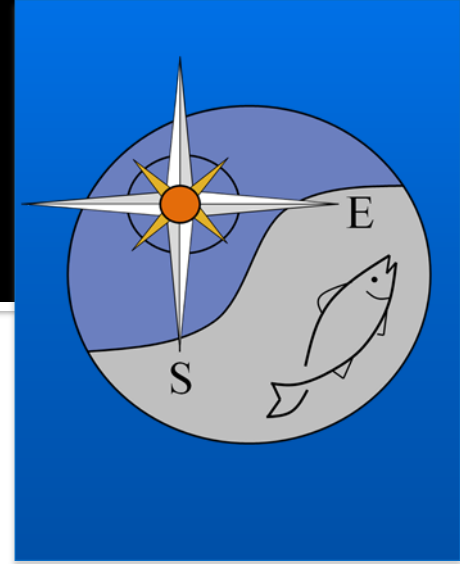


SEDAR Products:

- Stock Assessment Report
 - The final product from the SEDAR process
 - Includes full documentation of process, methods, inputs
 - Target audiences are SSC and peer-reviewers
 - Gulf: Stock Assessment Executive Summary
- Working Papers & References
 - Further details on model inputs and methods
 - Background information used in decision-making

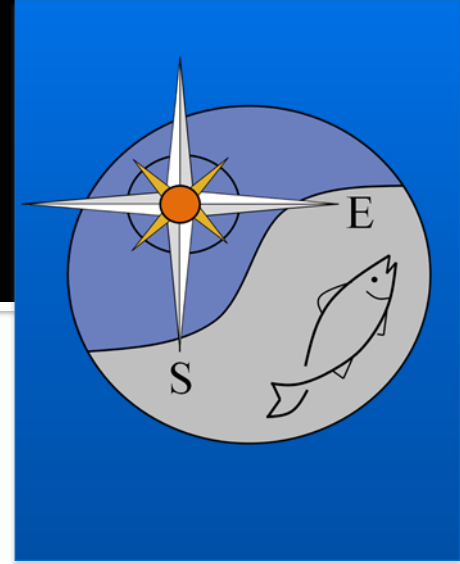
**All available on SEDAR website
(sedarweb.org)**

What happens after SEDAR?



- SSC Action:
 - Review assessment
 - May make additional requests of analysts
 - Sensitivities, projections
 - Recommend consistency with best scientific information available (BSIA)
Recommend suitability for informing mgmt., catch limits
 - Overfishing Limit, Accceptable Biological Catch
- NMFS considers assessment, peer-review and SSC recommendations
 - Determines BSIA, stock status (Overfished? Overfishing?)
- Council begins necessary actions

Get involved in SEDAR!

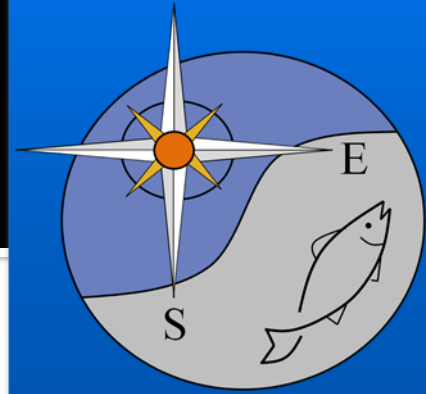


- Every SEDAR has opportunities for you:
 - Attend a workshop on your own to observe
 - Get appointed as a Panelist or Observer:
 - Ask me or your SEDAR Cooperator to learn how
 - SEDAR pays travel & per diem costs for appointees
- **What would appointees actually have to do?**
 - Commit to attend the workshop and/or webinars
 - Share your knowledge, review information, ask questions





Thanks!



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