

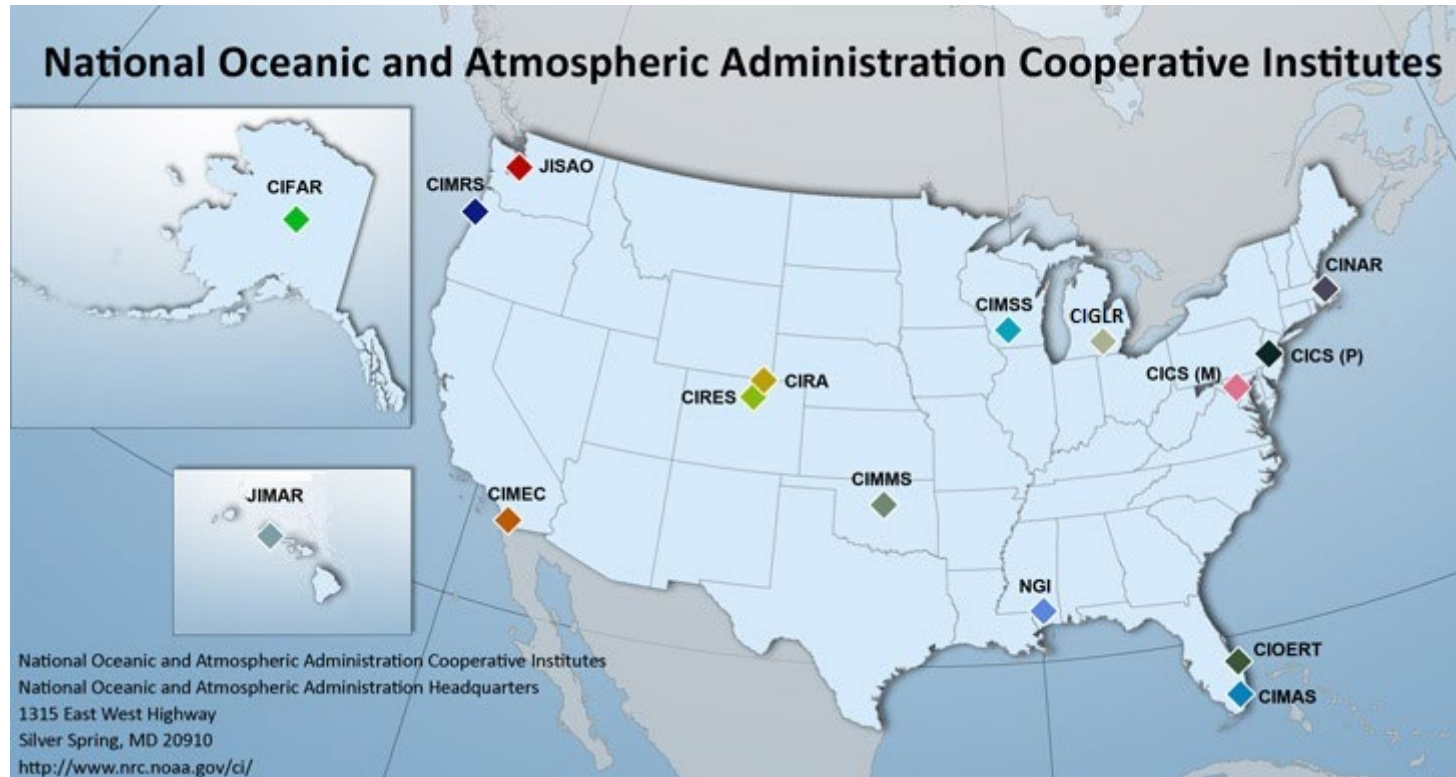
The background of the slide is a photograph of a sunset or sunrise. The sky is filled with soft, white clouds, and the sun is a bright, glowing orb on the horizon. In the foreground, the silhouettes of several people are visible against the bright sky. They appear to be standing in a field, some looking towards the sun. The overall mood is peaceful and contemplative.

JISAO PI Meeting April 2019

Agenda:

- Summarize CI meeting
- Annual Report Changes
- Discuss PMEL Group Meetings
- Identify Research for Upcoming FFO

Cooperative Institute Directors and Administrators Meeting



5 year Cooperative award with 5 year renewal – JISAO 2010 – 2015 – 2020
Matlock: “expectation to continue after an agreement expires is a false expectation”

jkh Take Home Messages

- Role of CIs vital to NOAA operations (McLain: blended workforce); CI role in transition but not crystalized in NOAA leadership. **Difficult to predict form of FFO.**
- Two models for CIs: co-locate (JISAO), and consortium; comments on moving to JISAO to consortium model but not clear what is perceived as missing and who would join. **Have initiated discussion with CIFAR (Alaska) and CIMRS (Oregon) to share information. Continue to seek clarity from NOAA.**
- Potential 'expansion' of NOAA continuum to include: social, behavior, and economic sciences. **Investigating other UW units to contribute (e.g. SMEA, CSDE, CIG(?)). Ideas?**
- Increased NOAA leadership use of R2O, ROI, and Blue Economy. **Explicitly include applications when describing research.**
- NOAA examining 'duplication' among CI research portfolios. **Potential change to research Themes.**

NOAA Priorities

NOAA OAR C. McLean

Blue Economy – knowledge service

Earth System prediction

NWS K. Cooley

Improvement in Forecast

“forecast doesn’t have value but what people do with forecast has value (impact-based decision)”

“decision support services in social sciences”

FY20 Budget C. Cartwright

Earth Prediction Innovative Center (EPIC)

Weather Act

NOAA Ship Observation Data Buoy

Joint Technology Transfer Initiative

NOAA Chief Scientist, Admiral Gallaudet

Weather & Water, Blue Economy

N. Jacobs

Community modeling

T. Gallaudet

Earth system modeling

Unmanned systems (OMAR)

AI & Big Data (Executive order)

eDNA

Research Performance Progress Report (RPPR)

JISAO PI Annual Report:

RPPR summary + project reports + publication list

Why the Change?

Dept. of Commerce mandated to start using RPPR in 2019

(so no whining)

Target Dates

April 26: Guidance to PIs

May 23: PI report deadline

June 27: JISAO report deadline

Admin team will do as much as possible on your behalf, need your help to be able to compile report.

PI Reporting Summary

RPPR – fill in questionnaire following guidance **for each project** to be used in compilation of JISAO RPPR form by JISAO admin.

Project Reports – project synthesis, similar to previous years (guidance will be provided) that will be submitted in conjunction with NOAA sponsors to the NOAA Research and Development Database in Grants.gov

Publication List – submitted to Collen at JISAO (should be doing this anyway) who will then compile and submit to NOAA Institutional Repository

PI Reporting Summary

Sections:

Accomplishments – training, professional development, dissemination

Products – publications, conference papers, presentations, technologies, inventions

Participants & Other Collaborating Organizations – outside collaborations

Impact – done by admin team

Changes /Problems – anything needing a NOAA change

Project Outcomes – done by admin team

ACCOMPLISHMENTS	Guidance
24. What were the major goals and objectives of this project? ²⁴	<div><div></div><div>Spell Check</div></div>
25. What was accomplished under these goals? ²⁵	<div><div></div><div>Spell Check</div></div>
26. What opportunities for training and professional development has the project provided? ²⁶	<div><div></div><div>Spell Check</div></div>
27. How were the results disseminated to communities of interest? ²⁷	<div><div></div><div>Spell Check</div></div>
28. What do you plan to do during the next reporting period to accomplish the goals and objectives? ²⁸	<div><div></div><div>Spell Check</div></div>

PRODUCTS	Guidance
29. Publications, conference papers, and presentations ²⁹	<div>Nothing to Report <input type="checkbox"/></div> <div><div></div><div>Spell Check</div></div>
30. Technologies or techniques ³⁰	<div>Nothing to Report <input type="checkbox"/></div> <div><div></div><div>Spell Check</div></div>
31. Inventions, patent applications, and/or licenses ³¹	<div>Nothing to Report <input type="checkbox"/></div> <div><div></div><div>Spell Check</div></div>
32. Other products ³²	<div>Nothing to Report <input type="checkbox"/></div> <div><div></div><div>Spell Check</div></div>

PMEL Research Group Discussions

What should others hear from your group discussion?



Group Exercise: Defining our Future

What is your research in the next 5, 10 Years?

1. Self-select a theme group
2. Revisit group meeting outcomes and identify future research directions/themes (write on posted paper)
~10 minutes
3. Write down potential research projects (sticky notes on posted paper, include initials) ~10 minutes
4. Group discussion identified themes ~20 minutes

JISAO Research Themes



JOINT INSTITUTE FOR THE STUDY OF THE ATMOSPHERE AND OCEAN
GROUP ORGANIZATIONAL CHART



ADMINISTRATION

ADMINISTRATIVE STAFF

Averick, Fred
*Bond, Nicholas
*Home, John
Jones, Merly
Malarek, Deborah
Marquist, Collen
Thompson, Jed
Torres, Nomie
Zorn, Abby

POSTDOCTORAL RESEARCH ASSOCIATES

Claret, Mariona
Green, Brian
Hoffman, Colleen
Horowitz, Hannah
Martinelli, Julieta
Proistosescu, Cristi
Sanchez, Sara
Zanowski, Hannah

RESEARCH SERVICES

Anderson, Steven
Gamble, Dale
Hanein, Adi
Johnson, Devin
Kamb, Linus
Learned, Giovanni
Nakamura, Tracey
Nicklis, Achim
Turpin, Alex
Walton, Tom
Zhu, Willa

CLIMATE

ARCTIC CLIMATE

An, Li
Perry, Christiana
*Wang, Muyin
*Wood, Kevin
Yang, Qiong

ATMOS. CHEMISTRY

*Bates, Timothy
*Doherty, Sarah
Johnson, James
Upchurch, Lucia

ATMOS. SCIENCES

*Hinkelman, Laura
*Serra, Yolande

OFFICE OF WA STATE CLIMATOLOGIST

*Bond, Nicholas
Bumbaco, Karin

ENVIRONMENTAL CHEMISTRY

CHLOROFLUOROCARBON TRACER PROGRAM

*Chang, Bonnie
Claret, Mariona
*Sonnerup, Rolf

MARINE NUTRIENTS

*Mordy, Calvin
Proctor, Peter

MARINE CARBON

*Carter, Brendan
Chu, Sophie
Collins, Andrew
Dietrich, Colin
Dougherty, Sean
Gluschkoff, Noah
Herndon, Julian
Langis, Morgan
Musielewicz, Sylvia
Osborne, John

MARINE ECOSYSTEMS

COASTAL OCEANOGRAPHY

*McCabe, Ryan
Norton, Emily
*Saenger, Casey

FISHERIES-OCEANOGRAPHY COORDINATED INVESTIGATIONS (FOCI)

Bell, Shaun
Birkemeier, Burlyn
*Bond, Nicholas
*Cheng, Wei
*Hermann, Albert
*Horne, John
Lebon, Geoffrey
Mordy, Calvin
Pilcher, Darren
Proctor, Peter
Strausz, David
Sullivan, Margaret
Tabisola, Heather
Van Pelt, Thomas

GENETICS & GENOMICS

Slikas, Beth

INNOVATIVE TECHNOLOGY FOR ARCTIC EXPLORATION (ITAE)

Anderson, Steven
Bell, Shaun
*Cheng, Wei
Learned, Giovanni
Lebon, Geoffrey
*McCabe, Ryan
*Mordy, Calvin
O'Brien, Kevin
Strausz, David
Sullivan, Margaret
Tabisola, Heather
Turpin, Alex
Van Pelt, Thomas
Walton, Tom
*Wood, Kevin

ECOSYSTEM MODELING

*Cheng, Wei
*Hermann, Albert
Kearney, Kelly
McHuron, Elizabeth
*Ortiz, Ivonne
Whitehouse, Andy

SEAFLOOR PROCESSES

VENT FLUIDS

*Butterfield, David
Roe, Kevin

VENT PLUMES

*Baker, Edward
Buck, Nathan
*Resing, Joe

OCEAN/COASTAL

GLOBAL TROPICAL MOORED BUOY ARRAY (GTMA)

Brown, Sonya
Dougherty, Daniel
Fey, Curran
Freitag, Paul
Higley, William
Kester, Denise
Lake, Brian
Martin, Korey
McClurg, Dai
Stratton, Linda
Wells, Ryan
White, Daryn
Wills, Samantha
*Zhang, Dongxiao
Zimmerman, Dave

OBSERVING SYSTEMS

*Chiodi, Andrew
*Horne, John
*O'Brien, Kevin
Smith, Karl

OCEAN CLIMATE STATIONS

Anderson, Nathan
Berk, Patrick
*Zhang, Dongxiao

PROTECTION & RESTORATION

ARCTIC SEALS

Brady, Gavin
Christman, Cynthia
Richmond, Erin

ARCTIC WHALES

Braen, Eric
Brewer, Ariel
Brower, Amelia
*Castellote, Manuel
Clarke, Janet
Grassia, Stephanie
Harlacher, Jenna
*Kennedy, Amy
Kimber, Jessica
Sims, Christy
Willoughby, Amy
Woodrich, Daniel
Wright, Dana

SEA LIONS

Luxa, Kathryn

TSUNAMI

*Denbo, Donald
Newman, Jean
Pells, Clinton
*Wei, Yong

CORE RESEARCH THEMES

1. CLIMATE RESEARCH AND IMPACTS
2. ENVIRONMENTAL CHEMISTRY
3. MARINE ECOSYSTEMS
4. OCEAN AND COASTAL OBSERVATIONS
5. PROTECTION AND RESTORATION OF MARINE RESOURCES
6. SEAFLOOR PROCESSES
7. TSUNAMI OBSERVATIONS AND MODELING

*JISAO Principal Investigator
Last updated April 2019

Research in Next 5, 10 Years?

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2. Revisit group meeting outcomes and identify future research directions/themes (write on posted paper)
~10 minutes
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Upcoming FFO

- 4 current CIs expecting FFOs: CIMAS (U Miami), CIMEC (UC San Diego), CIMSS (UW-Madison), JISAO (the real UW)
- CIFAR (UA-Fairbanks) sunseting
- Expect at least 2 FFOs by end of calendar year: us and Arctic

Some consistent messages:

- R2O, ROI, Blue Economy phrases from current administration
- Social, behavior, economic science as growth areas
- Pipeline of workforce

Closing Thoughts

- JISAO is not going away, expect evolution in function and possibly structure
- May lose JI to CI (JIMAR to CIPIR, but still JIMAR)

Plan of Attack: continue quest for clarity from NOAA, continue discussions with CIFAR and CIMRS, develop proposal outline and Gantt chart from recent FFOs and proposals, initiate contact with other relevant UW units

The Bottom Line

I need your help