

Committee on Offshore Science and Assessment

Thursday-Friday, June 28-29, 2018

National Academy of Sciences Building
2101 Constitution Avenue
Washington, DC 20418
Lecture Room

Overarching Objectives

- 1) Provide feedback on select study profiles from the 2018-2021 Studies Development Plan;
- 2) Articulate the value of the PICOC model and consider how it has been applied to the study profiles and how the application can be improved;
- 3) Consider the Strategic Framework's questions and criteria and how they are being addressed by the Study Development Plan;
- 4) Take a holistic view of the Studies Development Plan, consider gaps and thematic coverage, including whether or not there is adequate coverage for new areas that are relevant to the 5 year OCS plan.

Thursday—June 28, 2018

Closed Session – Committee and Staff Only

Open Session – All Welcome

Doors open at 9:50 AM

10:00 AM **Opening Remarks and Introductions** Hajo Eicken, COSA Committee Chair

10:20 AM **Exploring the relationship between the PICOC approach (and SDP profiles), Strategic Framework, and white paper** Rodney Cluck, BOEM ESP

The first objective of this session is to articulate the role of the [Strategic Framework](#), PICOC approach (and [SDP](#) profiles), and the white paper. The second objective is to compare the criteria, questions, and objectives articulated in each, and determine if and how they support each other.

11:20 AM **Presentation of OREP Profiles**

Each year, the Environmental Studies Program at BOEM collects a diverse set of study ideas ("profiles"). These profiles are collated in the annual [Studies Development Plan](#) (SDP). BOEM has requested that each year, after BOEM has conducted their own internal review, COSA provides feedback on a selection of the profiles. For additional information on this process and the criteria used for evaluation, please see the [Strategic Framework](#).

Each profile has been provided to the committee in advance of the meeting, and committee members have had an opportunity to develop initial questions and feedback. Each presenter will be given an opportunity to introduce their profile with 1-3 slides and up to 5 minutes of presentation, and the committee and guests will then have 20 minutes to provide feedback afterwards.

The profiles selected for discussion in this session are those that were submitted by the Office of Renewable Energy Programs.

Introduction to Office of Renewable Energy Program Science Strategy

Mary Boatman, Office of Renewable Energy Programs

- **Atlantic Marine Assessment Program for Protected Species III**
Desray Reeb, Office of Renewable Energy Programs
- **Integrated Analysis of Marine Wildlife At-Sea Survey and Tracking Data to Inform Planning for Energy Development on the OCS**

David Bigger, Office of Renewable Energy Programs

12:30 PM *Working Lunch*

1:30 PM Presentation of Pacific Region Profiles

The profiles selected for discussion in this session are those that were submitted by the Pacific Region.

Introduction to Pacific Science Strategy

Jeremy Potter, Pacific Region

- **Offshore Acoustic Bat Study Along Western U.S. Continental and Hawaii Island Coastlines**
David Pereksta, Pacific Region
- **Understanding Biological Connectivity Among Offshore Structures and Natural Reefs**

Susan Zaleski, Pacific Region

2:30 PM Break

2:45 PM **PICOC Model Purpose and Application**

Craig Johnson, COSA Member

Craig Johnson has been working independently with staff at BOEM to develop a better profile structure and process for their profile development. In doing so he has encouraged the use of a PICOC method. This session will provide an opportunity to evaluate how the method has been applied to date, using as case studies some of the profiles that were reviewed in the morning session. The first objective of this session is to ensure that all involved (proposers, reviewers, program managers, and BOEM leadership) are aware of the ways in which the PICOC approach can enhance the effectiveness of the studies development process. A second objective is to identify areas for improved implementation of this approach.

4:00 PM *Open Session Adjourns*

Closed Session – Committee and Staff Only

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Closed Session – Committee and Staff Only

Open Session – All Welcome

Doors open at 9:50 AM

10:00 AM Opening Remarks and Introductions Hajo Eicken, COSA Committee Chair

10:15 AM Presentation of BOEM Headquarters Profiles

The profiles selected for discussion in this session are those that were submitted by BOEM Headquarters.

Introduction to Headquarters Science Strategy

Jill Lewandowski, BOEM Headquarters

- **Automated Detection and Classification of Wildlife Targets in Digital Aerial Imagery**
Timothy White, BOEM Headquarters
- **Demonstration Project, Integrating DNA Profiles, Genomics and Photo-Identification data in long term monitoring of long lived marine megafauna**
Jacob Levenson, BOEM Headquarters

11:15 AM Presentation Gulf of Mexico Region Profiles

The profiles selected for discussion in this session are those that were submitted by the Gulf of Mexico Region.

Introduction to Gulf of Mexico Regional Office

Pasquale Roscigno, Gulf of Mexico Region

- **Preliminary Study GOMR Coastal Ambient Air Quality Monitoring Program**
Cholena Ren, Gulf of Mexico Region (presenting remotely)
- **Strategically Focused Support for Oil and Gas Activities in the Gulf of Mexico OCS Regions**
Sindey Chaky, Gulf of Mexico Region (presenting remotely)

12:15 PM Lunch

1:00 PM Presentation of Alaska Region Profiles

The profiles selected for discussion in this session are those that were submitted by the Alaska Region.

Introduction to Alaska Science Strategy

Catherine Coon, Alaska Region

- **Arctic Cod Winter Spawning Survey**
Heather Crowley, Alaska Region
- **Landfast Ice in the Beaufort and Chukchi Seas**
Warren Horowitz, Alaska Region (presenting remotely)

2:00 PM Intro Marine Minerals Science Strategy Jeffrey Reidenaurer, Marine Minerals Program

2:15 PM Holistic Look at the Studies Development Plan Michael Orbach, COSA Committee Member

This discussion focuses on a high-level evaluation of the [SDP, including](#) thematic coverage and coverage of new geographic areas considered by the 5 year OCS plan.

3:30 PM Open Session Adjourns, Break

Closed Session – Committee and Staff Only