
D7 RESEARCH PRIORITIES

JIM ARMSTRONG



WHERE TO FIND THEM



NORTH PACIFIC
Fishery Management Council

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Home

Meetings

About

Membership

Fisheries

Current Issues

Bycatch Controls

Publications

Research Priorities

You are here: Home » Research Priorities

About

Next review tentatively scheduled for Feb 2021, according to the Council's "Three Meeting Outlook". Most recent Council research priorities: [June 2018](#).

The Council's research priorities consist of a wide range of science-based needs and interests that support or improve the Council's ability to provide stewardship over marine resources offshore Alaska and maintain sustainable fishing communities. Specific research topics are organized online through a [publicly accessible database](#) that can be queried for changes in research

status and can also be downloaded completely for detailed information about all of the Council's research needs. Research topics are ranked through four priority categories: *Critical ongoing monitoring*, *Urgent*, *Important (near term)*, and *Strategic (future needs)*. These priority categories have specific **definitions** that emphasize correspondence of research to the Council's time horizon of management concerns.



Research Priorities Database

Critical Ongoing Monitoring

Research priorities designated as Critical Ongoing Monitoring are of the highest priority level for the North Pacific Fishery Management Council. These priorities create and maintain indispensable data that substantially contribute to our understanding and management of fish populations, fisheries, and the communities dependent upon those fisheries. Discontinuation or diminishment of the research that provides these data sets would leave a significant gap in the science needed to support sustainable and successful fisheries management in the North Pacific. The North Pacific Fishery Management Council and its Science and Statistical Committee continues to provide the utmost support for these priorities.

Research Priority Process

The [Magnuson-Stevens Act](#) requires that Councils develop "multi-year research priorities for fisheries, fisheries interactions, habitats, and other areas of research that are necessary for management purposes". In accordance with North Pacific Fishery Management Council procedures, research priorities are reviewed at the Council's June meeting. Prior to Council review, the Council's Plan Teams (GOA and BSAI Groundfish, Crab, and Scallop) review existing research priorities and make recommendations for modifications or additions to the list, as needed. Following the June meeting, the updated five-year research priorities are provided to the Secretary of Commerce, the [Alaska Fishery Science Center](#), as well as research and funding entities including the [University of Alaska](#), [University of Washington](#), [Oregon State University](#), [North Pacific Research Board](#), [Alaska Department of Fish and Game](#), and the [Alaska Ocean Observing System](#).

UPCOMING MEETINGS

Tuesday, April 6

CIE BSAI Greenland Turbot & GOA

SSC Meeting

8:00am AP Meeting

Wednesday, April 7

CIE BSAI Greenland Turbot & GOA

SSC Meeting

AP Meeting

Thursday, April 8

CIE BSAI Greenland Turbot & GOA

3:00pm SSC Meeting

[+ Google Calendar](#)

[View Calendar →](#)

RECENT UPDATES

- [Current \(or next\) Council Meeting](#)
- [Future Council Meetings](#)
- [Archive of Council Meetings](#)
- [Halibut/Sablefish IFQ Program](#)
- [Charter Halibut Management](#)



WHERE TO FIND THEM



North Pacific Fishery Management Council: Research Priorities

Query List Reports

Research Priorities Query and Records List

Export

Plan Teams

- Joint Groundfish PT
- Crab PT
- Scallop PT

Council Actions

Ecosystem Area

- Gulf of Alaska
- Bering Sea
- Aleutian Islands
- Arctic

Council Priority

SSC Priority

- Critical Ongoing Monitoring
- Urgent
- Important
- Strategic
- Pending

Research Status

- Pending
- No action
- Listed on RFPs
- Partially underway
- Underway
- Completed

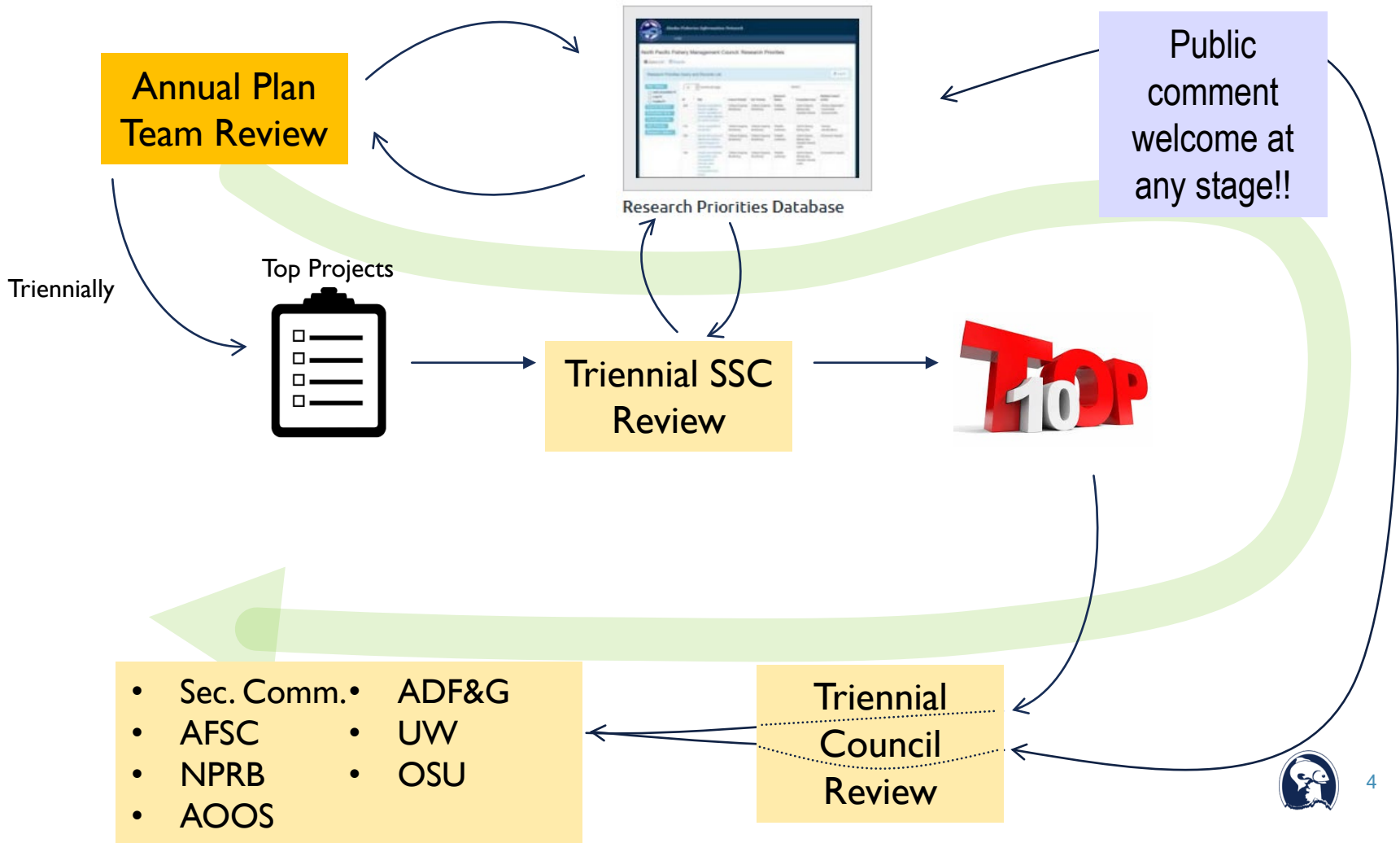
10 records per page

Search:

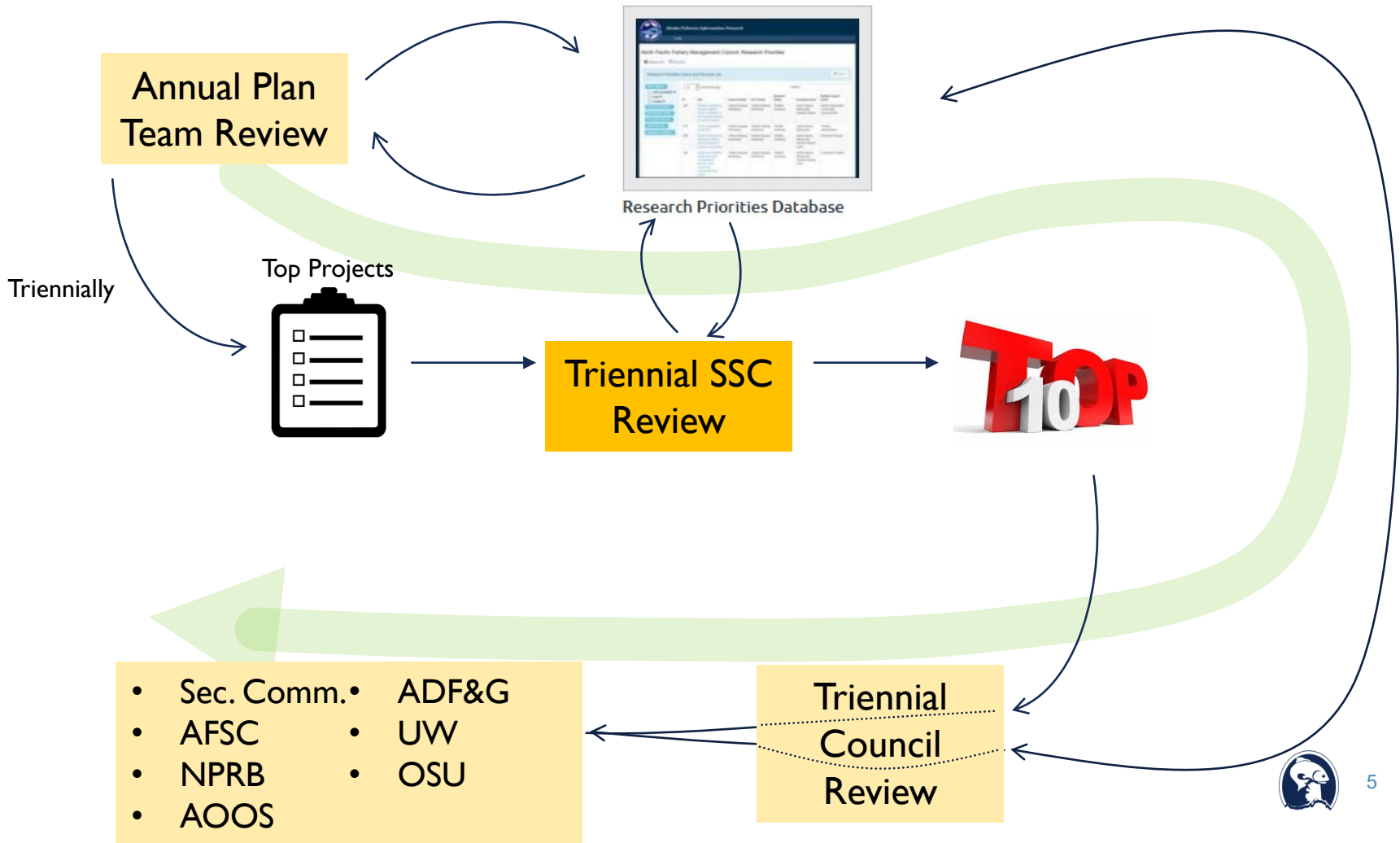
ID	Title	Council Priority	SSC Priority	Research Status	Ecosystem Area	Related Council Action
228	Monitor subsistence harvest (patterns, norms, quantities) in communities affected by Council actions.	Critical Ongoing Monitoring	Critical Ongoing Monitoring	Partially underway	Gulf of Alaska, Bering Sea, Aleutian Islands	Fishery Dependent Community Assessments
218	Survey capability for forage fish	Critical Ongoing Monitoring	Critical Ongoing Monitoring	Partially underway	Gulf of Alaska, Bering Sea	Harvest specifications
226	Monitor the economic effects from fishery policy changes on coastal communities.	Critical Ongoing Monitoring	Critical Ongoing Monitoring	Partially underway	Gulf of Alaska, Bering Sea, Aleutian Islands, Arctic	Economic impacts
186	Collect and maintain zooplankton and meroplankton biomass and community composition time series	Critical Ongoing Monitoring	Critical Ongoing Monitoring	Partially underway	Gulf of Alaska, Bering Sea, Aleutian Islands, Arctic	Ecosystem impacts
190	Collect and maintain time series of ocean pH	Critical Ongoing Monitoring	Critical Ongoing Monitoring	Partially underway	Gulf of Alaska, Bering Sea, Aleutian Islands, Arctic	Ecosystem impacts
192	Collect, analyze, and monitor diet information	Critical Ongoing Monitoring	Critical Ongoing Monitoring	Underway	Gulf of Alaska, Bering Sea, Aleutian Islands	Ecosystem impacts
144	District-wide survey for demersal shelf rockfish in Southeast Alaska	Critical Ongoing Monitoring	Critical Ongoing Monitoring	Partially underway	Gulf of Alaska	Harvest specifications
145	Continuation of State and Federal annual and biennial surveys	Critical Ongoing Monitoring	Critical Ongoing Monitoring	Underway	Gulf of Alaska, Bering Sea, Aleutian Islands	Harvest specifications
150	Maintain the core biological and	Critical Ongoing Monitoring	Critical Ongoing Monitoring	Underway	Gulf of Alaska, Bering Sea,	Ecosystem impacts



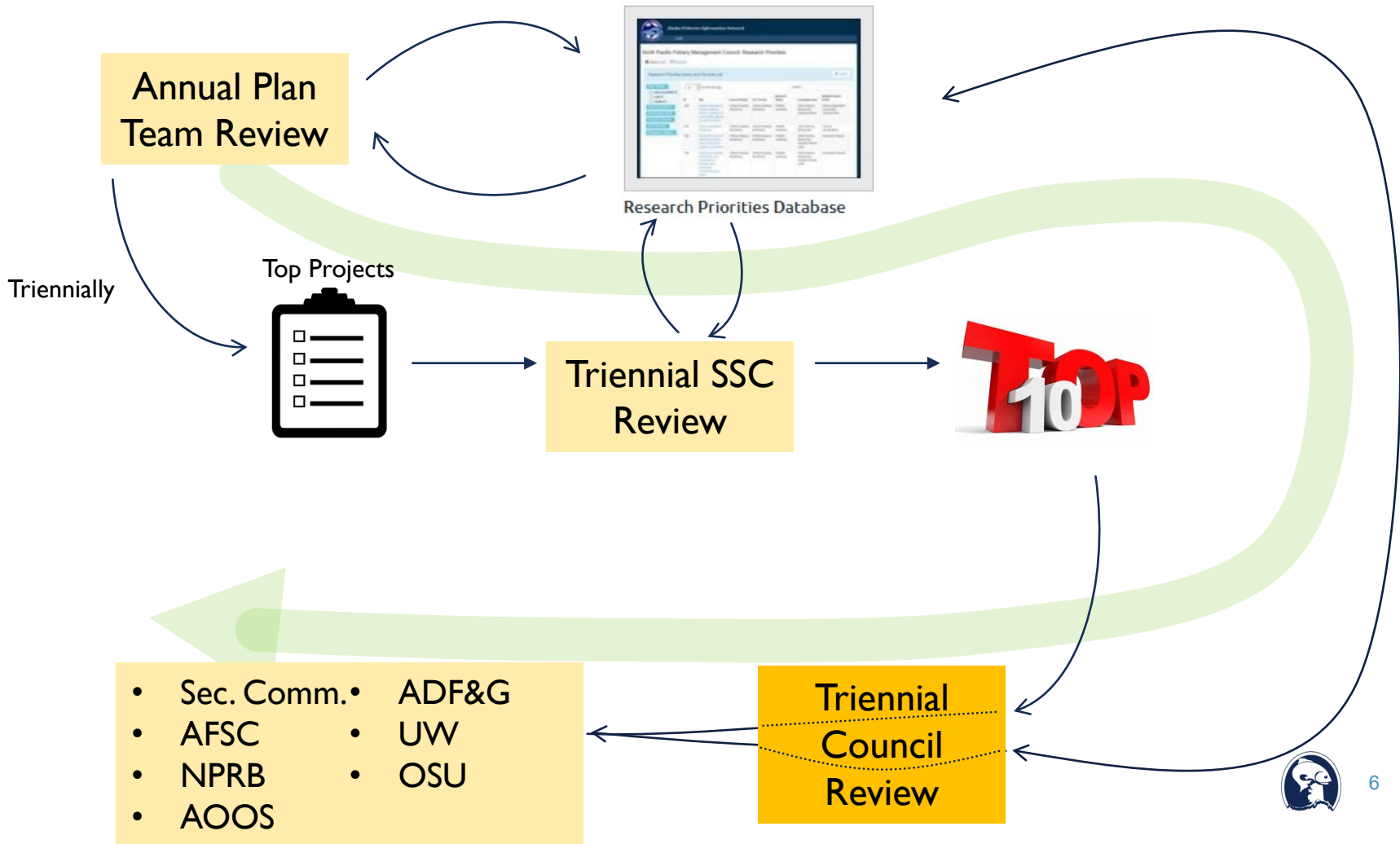
PROCESS



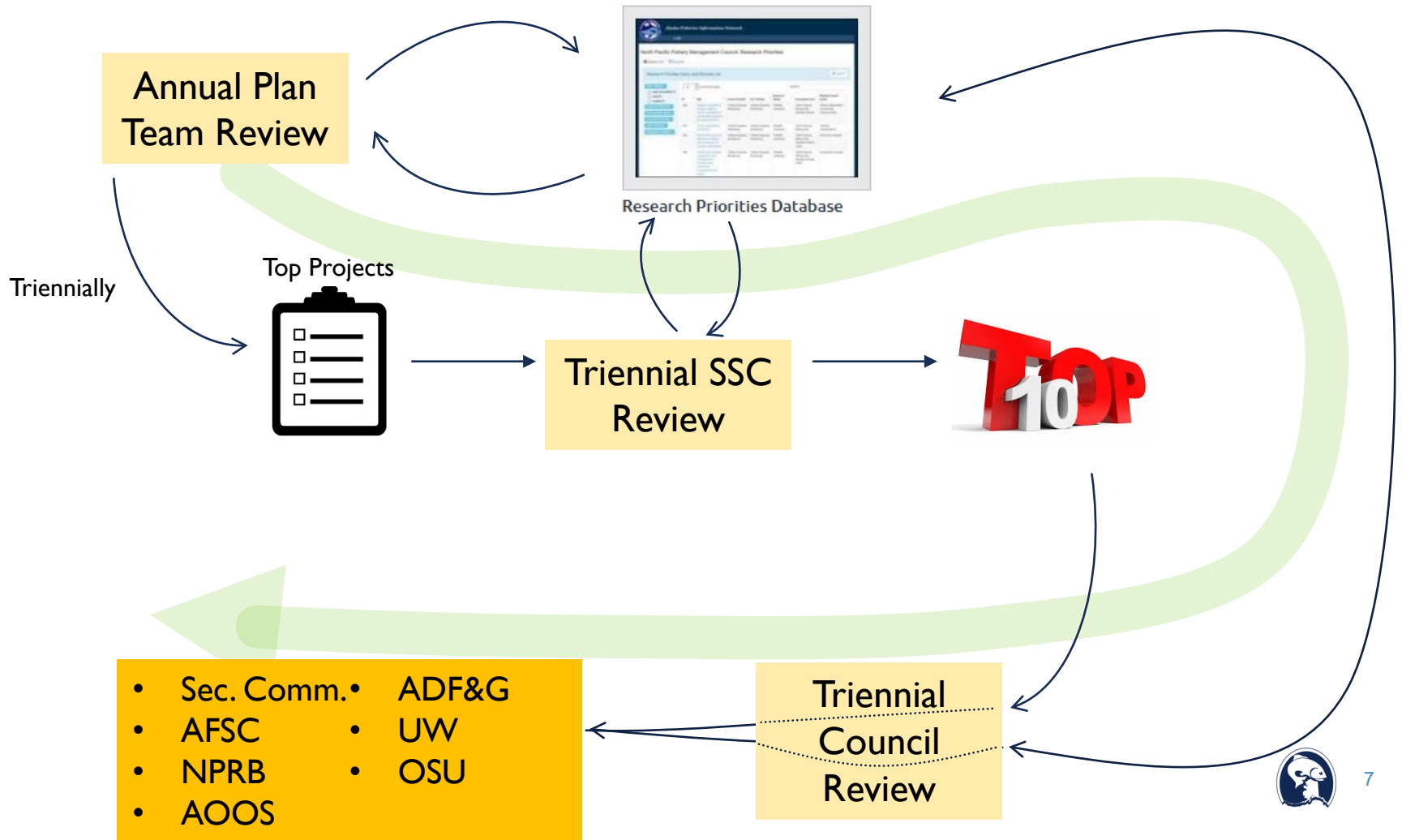
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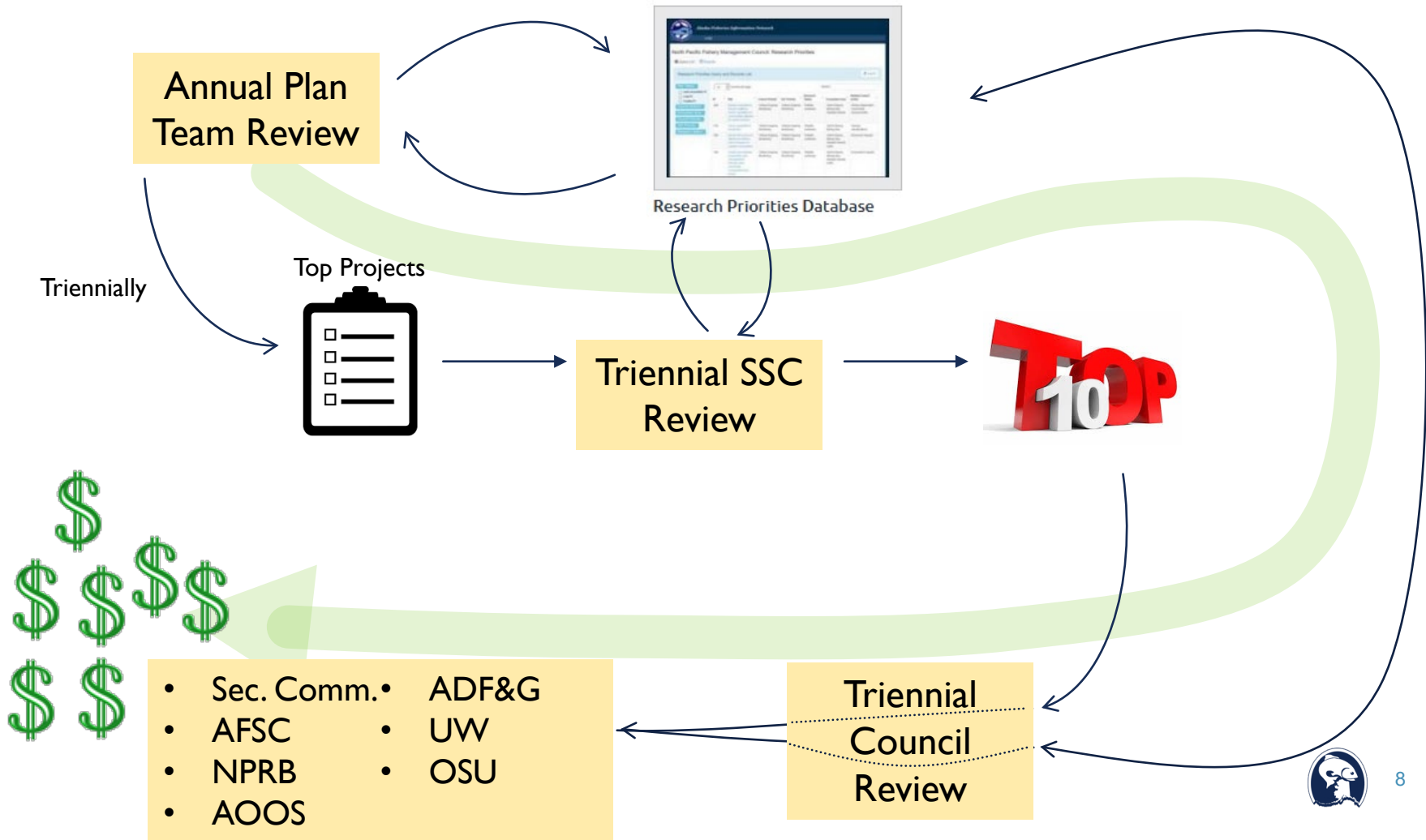
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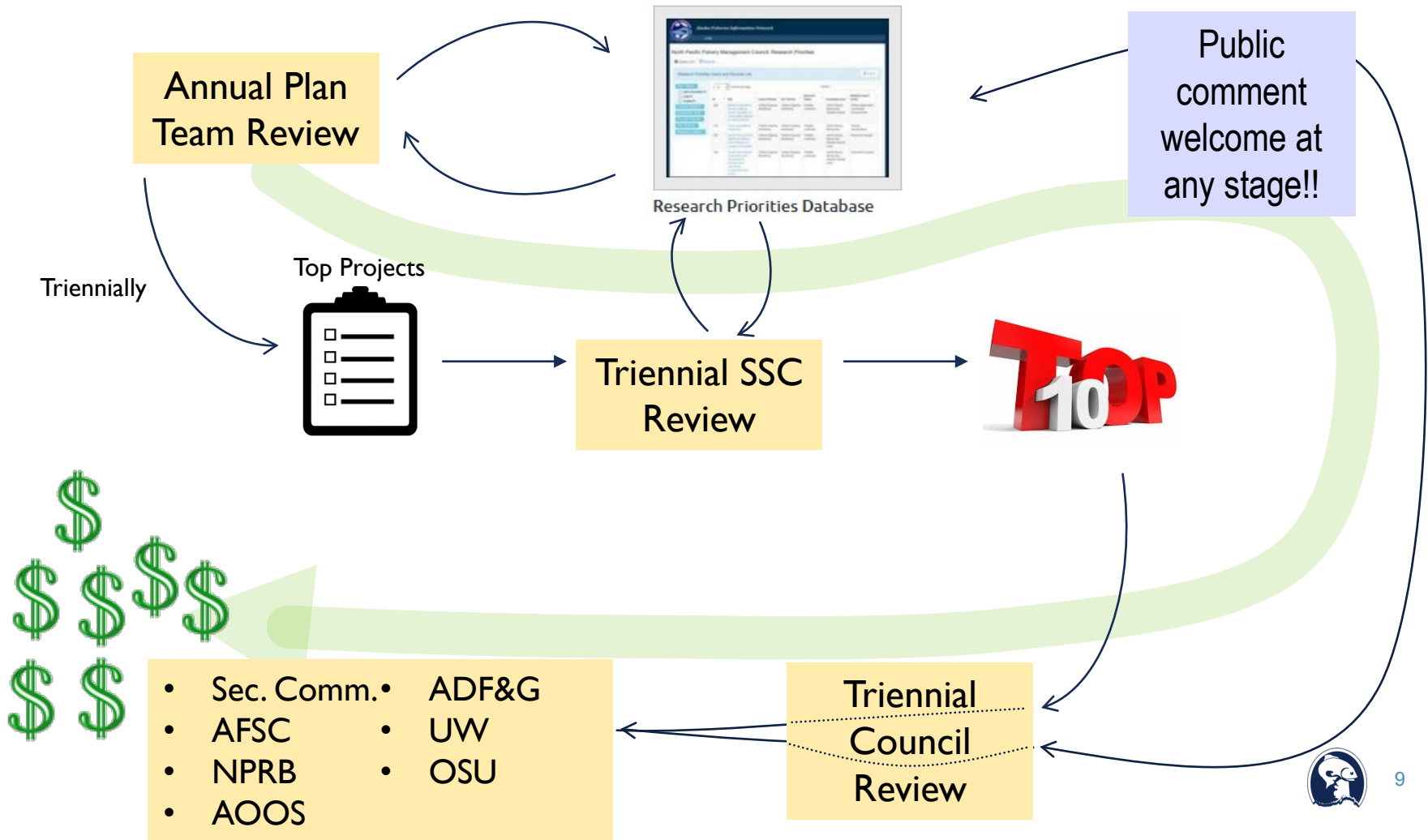
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PROCESS



PROCESS



RELATIONSHIP TO MANAGEMENT

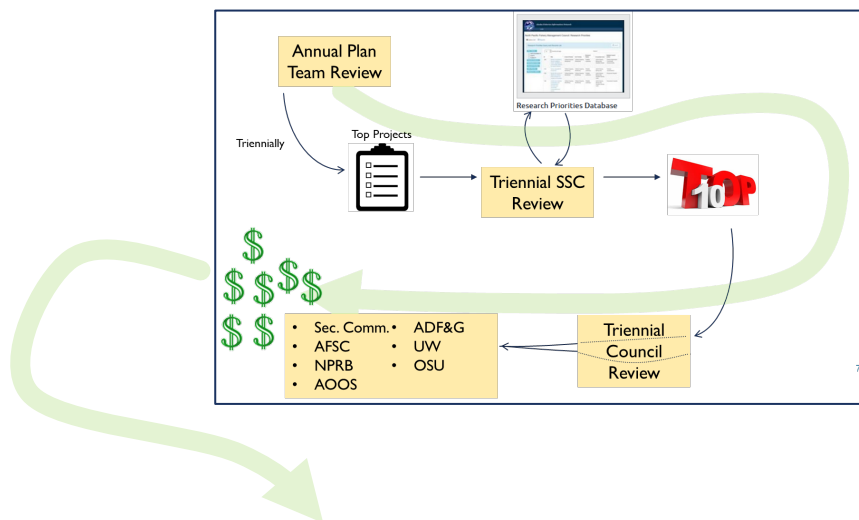
Management
Challenge

Information

Management
Action



RELATIONSHIP TO MANAGEMENT



Management Challenge

Information

Management Action

Data Gaps

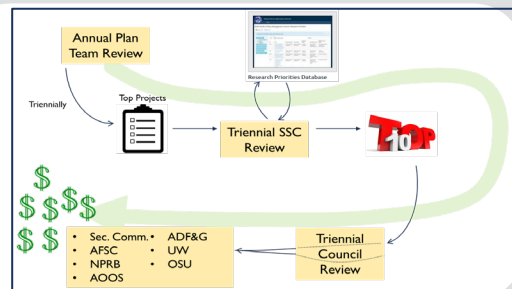


RELATIONSHIP TO MANAGEMENT

Examples

- Tier advancement
- Assess social impacts
- Potential for SSL interactions

Management
Challenge



Management
Action



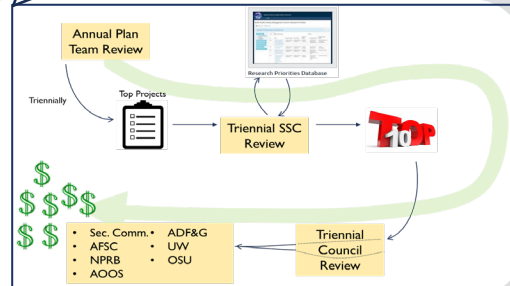
RELATIONSHIP TO MANAGEMENT

Examples

- Tier advancement
- Assess social impacts
- Potential for SSL interactions

- 147, 148, 592, 171, 571
- 180, 198, 230, 247, 431, 491
- 212, 249

Management
Challenge



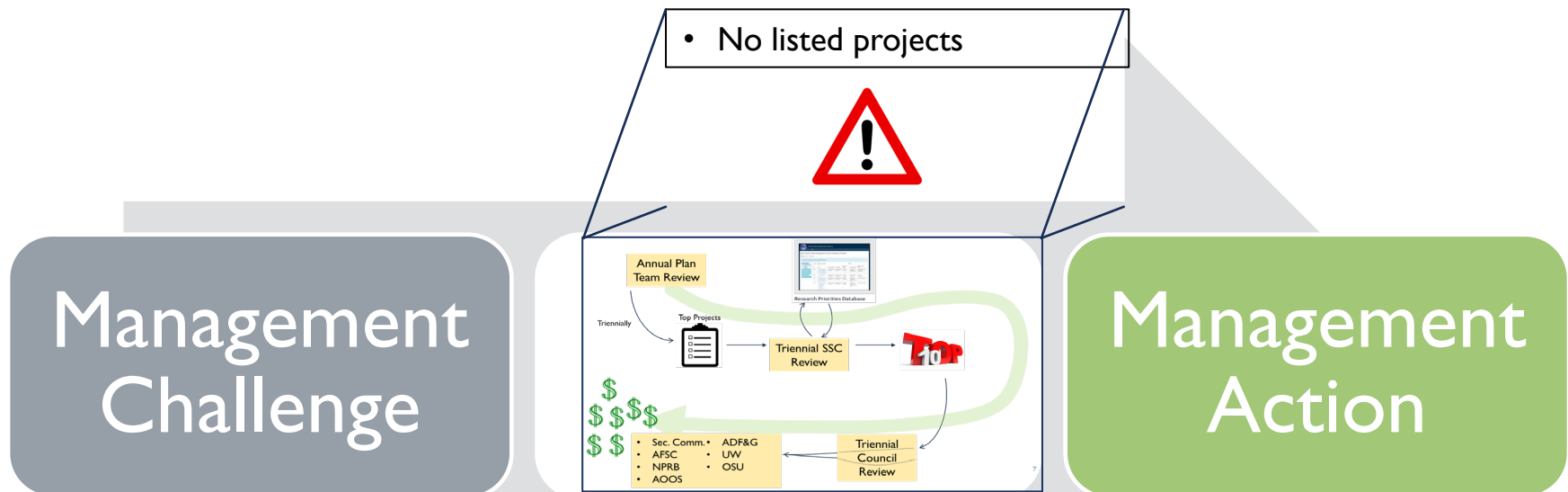
Management
Action



RELATIONSHIP TO MANAGEMENT

Examples

- Fixed gear discard mortality rates for sablefish



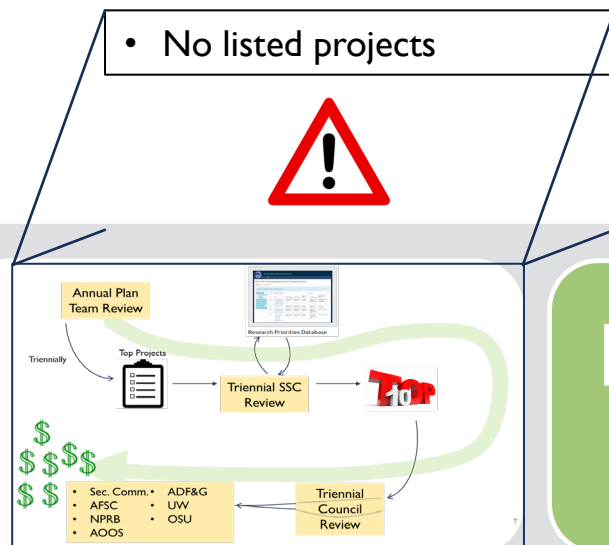
RELATIONSHIP TO MANAGEMENT

Examples

- Fixed gear discard mortality rates for sablefish

Public comment welcome at any stage!!

Management Challenge



Management Action



THE LISTS

D7 Research Priorities

2 Comments

Sign-up for oral comment (0)

Attachments:

Research Priorities - Set 3-year priorities

- D7 Action Memo -Uploaded: 03/29/2021 03:56 PM AKDT
- D7 Research Priorities 2021 Complete List -Uploaded: 04/02/2021 01:03 PM AKDT
- D7 research priorities 2021 Urgent No Action -Uploaded: 03/29/2021 03:57 PM AKDT
- D7 New research priorities for 2021 -Uploaded: 03/29/2021 03:57 PM AKDT
- D7 Human Dimensions Research Priorities -Uploaded: 04/02/2021 01:04 PM AKDT
- D7 BSFEP Team research priorities -Uploaded: 04/02/2021 01:08 PM AKDT

Complete list with Plan Team Recommendations

ID	Title	Description	Phase	Phase	Research	Education	Outreach	Public	Policy	Other
1	Research on youth resilience and coping in the face of adversity	Research on youth resilience and coping in the face of adversity. It includes research on the role of family, community, and culture in promoting resilience and coping.	Research	Education	Outreach	Public	Policy	Other		
2	Research on the role of family in promoting resilience and coping	Research on the role of family in promoting resilience and coping. It includes research on the role of family structure, family processes, and family resources.	Research	Education	Outreach	Public	Policy	Other		
3	Research on the role of community in promoting resilience and coping	Research on the role of community in promoting resilience and coping. It includes research on the role of community structure, community processes, and community resources.	Research	Education	Outreach	Public	Policy	Other		
4	Research on the role of culture in promoting resilience and coping	Research on the role of culture in promoting resilience and coping. It includes research on the role of cultural values, cultural practices, and cultural resources.	Research	Education	Outreach	Public	Policy	Other		
5	Research on the role of family, community, and culture in promoting resilience and coping	Research on the role of family, community, and culture in promoting resilience and coping. It includes research on the role of family, community, and culture in promoting resilience and coping.	Research	Education	Outreach	Public	Policy	Other		

New Plan Team Recommendations

ID	Title	Description	Phase	Phase	Research	Education	Outreach	Public	Policy	Other
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Urgent/No Action

ID	Title	Description	Phase	Phase	Research	Education	Outreach	Public	Policy	Other
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THE LISTS

D7 Research Priorities

2 Comments

Sign-up for oral comment (0)

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- D7 BSFEP Team research priorities -Uploaded: 04/02/2021 01:08 PM AKDT

Complete list with Plan Team Recommendations

ID	Title	Description	Phase	Area	Priority	Start Date	End Date	Responsible	Status
1
2
3
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New Plan Team Recommendations

ID	Title	Description	Phase	Area	Priority	Start Date	End Date	Responsible	Status
1
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Urgent/No Action

ID	Title	Description	Phase	Area	Priority	Start Date	End Date	Responsible	Status
1
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BSFEP

North Pacific Fishery Management Council

Setting Sea Fishery Ecosystem Plan Team

Research priorities as discussed at the Team's last meeting on March 2020

Setting Sea and Blue Teams created the Team's 3-year research priorities for the 2021-2023 period. The team's research priorities, which were discussed by the Council on April 2020. The team's research priorities are listed below. The team's research priorities are listed below. The team's research priorities are listed below.

- 1. **Research priority: Research priorities to be included in the 2021-2023 period.**
- 2. **Research priority: Research priorities to be included in the 2021-2023 period.**
- 3. **Research priority: Research priorities to be included in the 2021-2023 period.**
- 4. **Research priority: Research priorities to be included in the 2021-2023 period.**
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- 6. **Research priority: Research priorities to be included in the 2021-2023 period.**
- 7. **Research priority: Research priorities to be included in the 2021-2023 period.**
- 8. **Research priority: Research priorities to be included in the 2021-2023 period.**
- 9. **Research priority: Research priorities to be included in the 2021-2023 period.**
- 10. **Research priority: Research priorities to be included in the 2021-2023 period.**

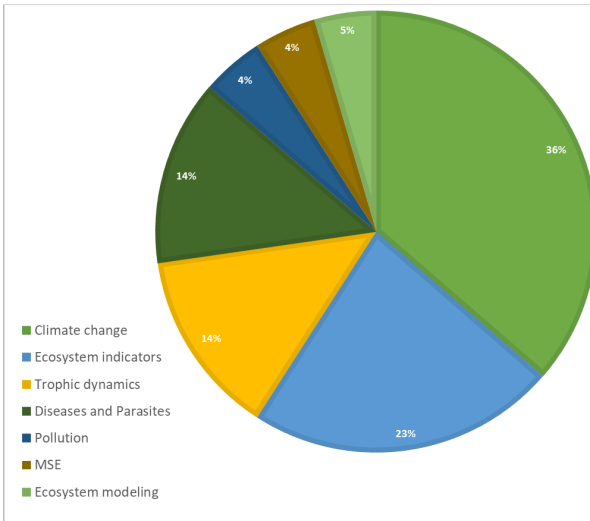
Human Dimensions

ID	Title	Description	Phase	Area	Priority	Start Date	End Date	Responsible	Status
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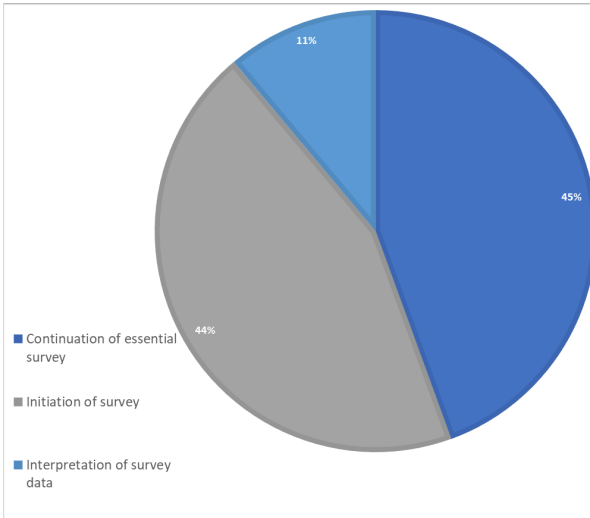


TRENDS – ECOSYSTEM ISSUES

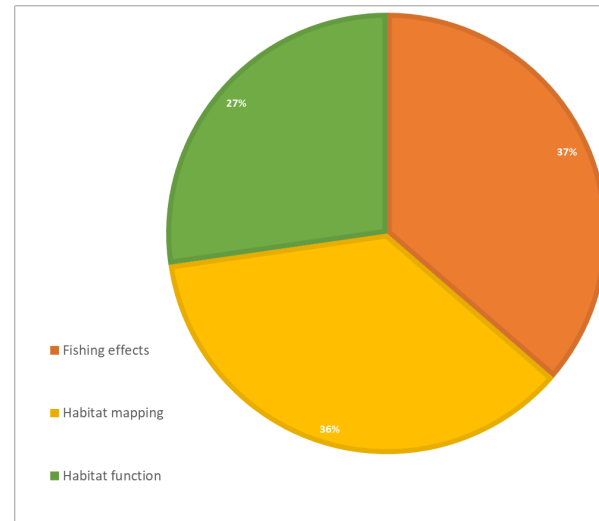
Ecosystem processes



Surveys

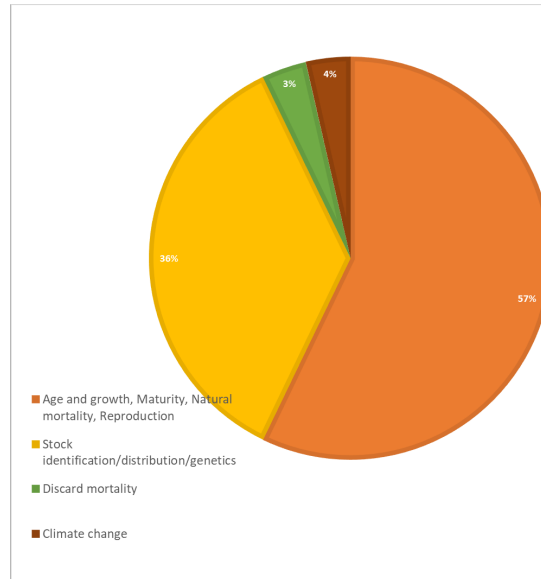


Habitat

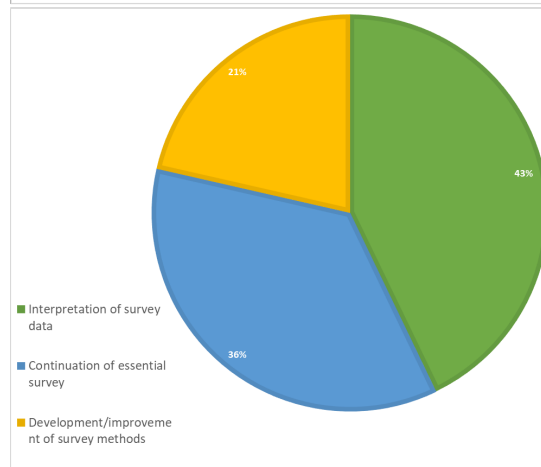


TRENDS - STOCK ASSESSMENT ISSUES

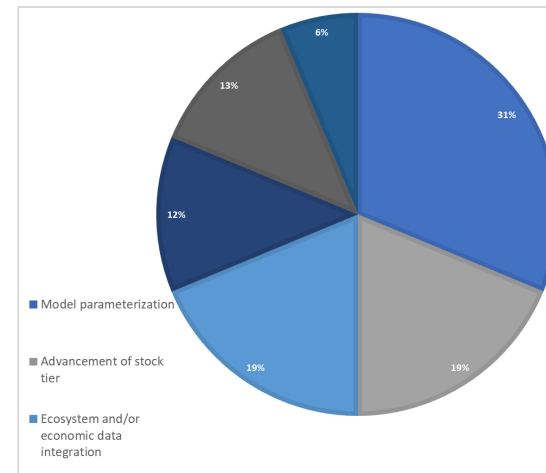
Data inputs



Surveys

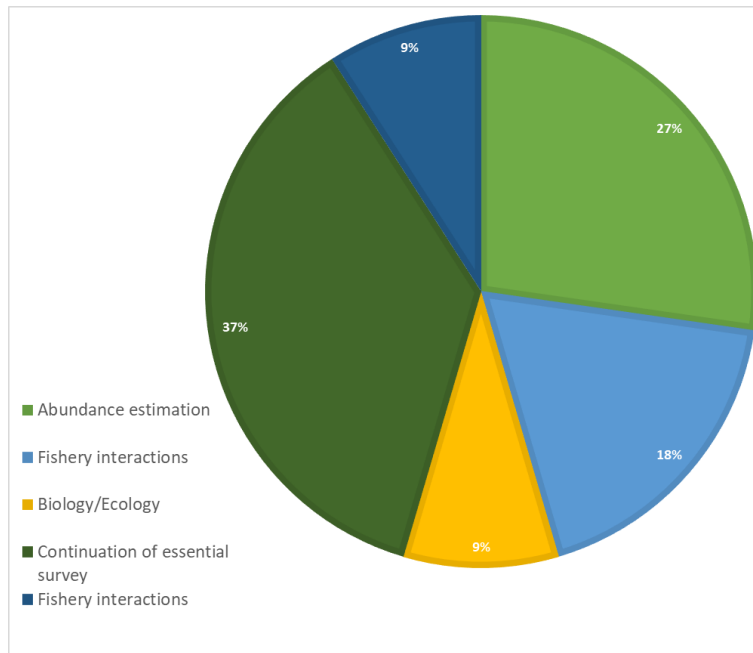


Model development



TRENDS - PROTECTED RESOURCES AND HUMAN DIMENSIONS

Protected Species



Human Dimensions

