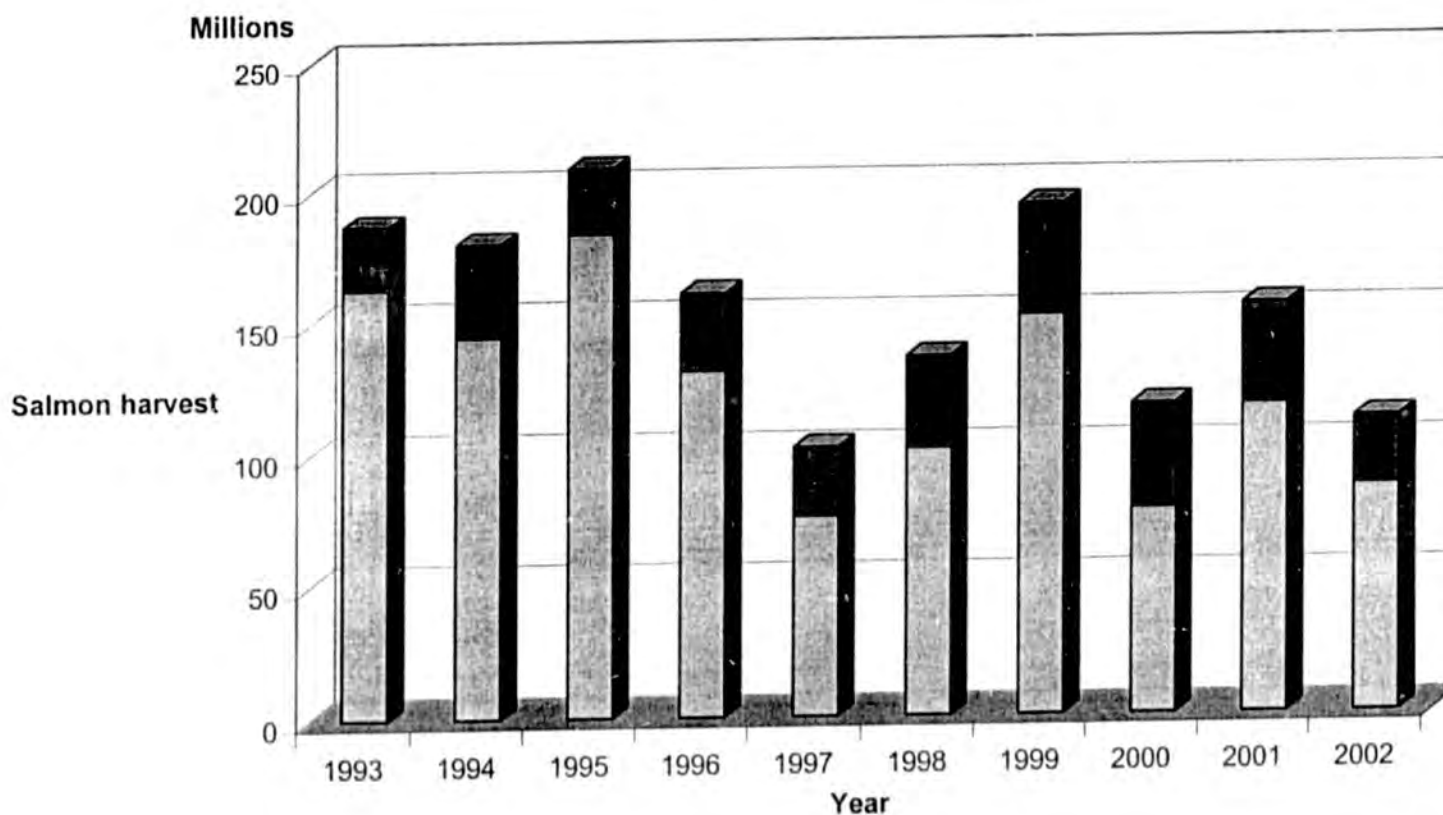


ALASKA LEGISLATURE SPECIAL COMMITTEE/SUBJECT FILES 8672

2976 SCOMM 131: HOUSE SPECIAL COMMITTEE ON FISHERIES, 2003-04

Aquaculture (Hatcheries)

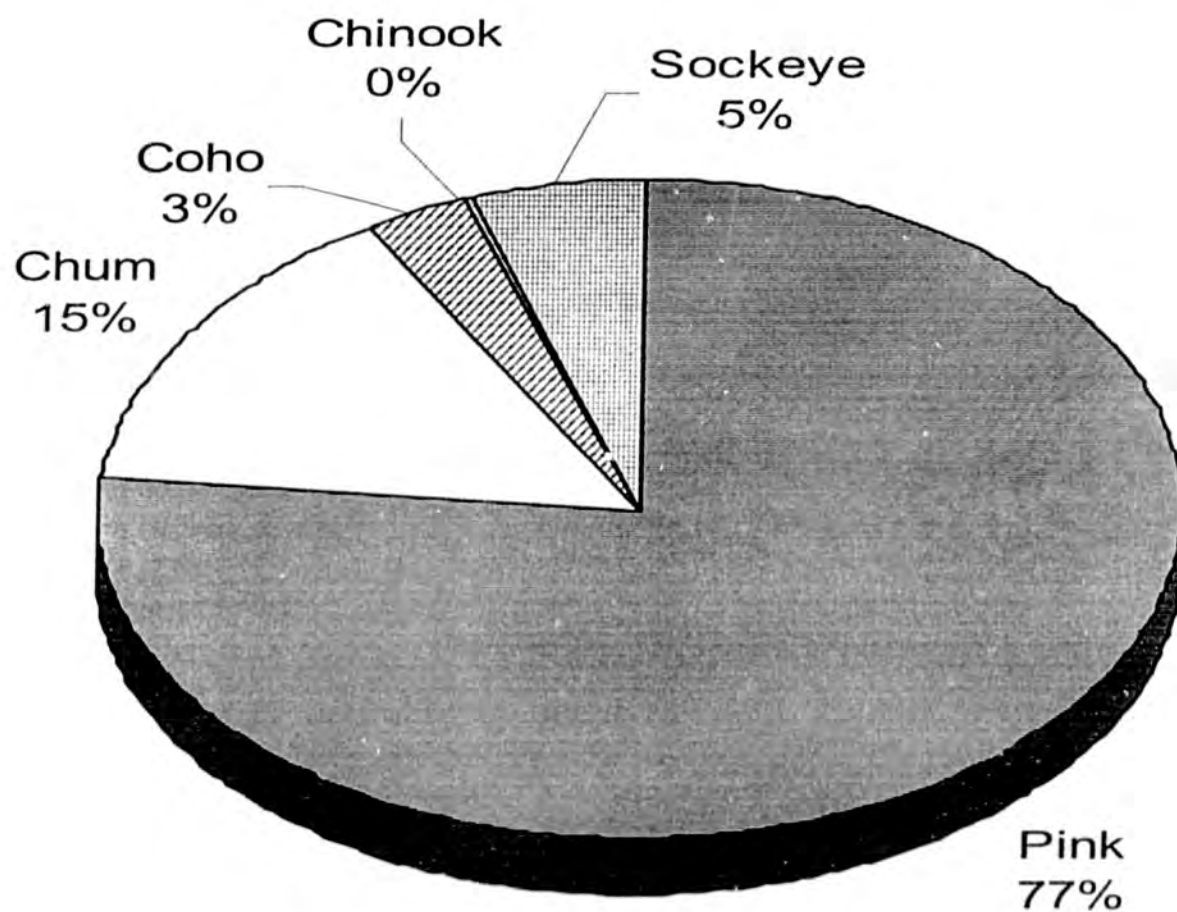
ALASKAN HATCHERY FISH IN STATEWIDE COMMERCIAL SALMON HARVESTS, 1993-2002



	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Commercial Common Property Harvest	186,965,000	179,689,000	208,390,000	160,600,000	101,882,000	135,846,000	193,543,000	117,148,000	154,907,000	111,376,832
■ % Hatchery	13%	20%	12%	18%	26%	26%	22%	34%	25%	23%
■ Hatchery Fish Harvested	24,057,000	35,186,000	25,020,000	29,418,000	26,573,000	34,711,000	42,030,000	39,781,000	37,983,000	25,699,764
□ Common Property less Hatchery	162,908,000	144,503,000	183,370,000	131,182,000	75,309,000	101,135,000	151,513,000	77,367,000	116,924,000	85,677,068

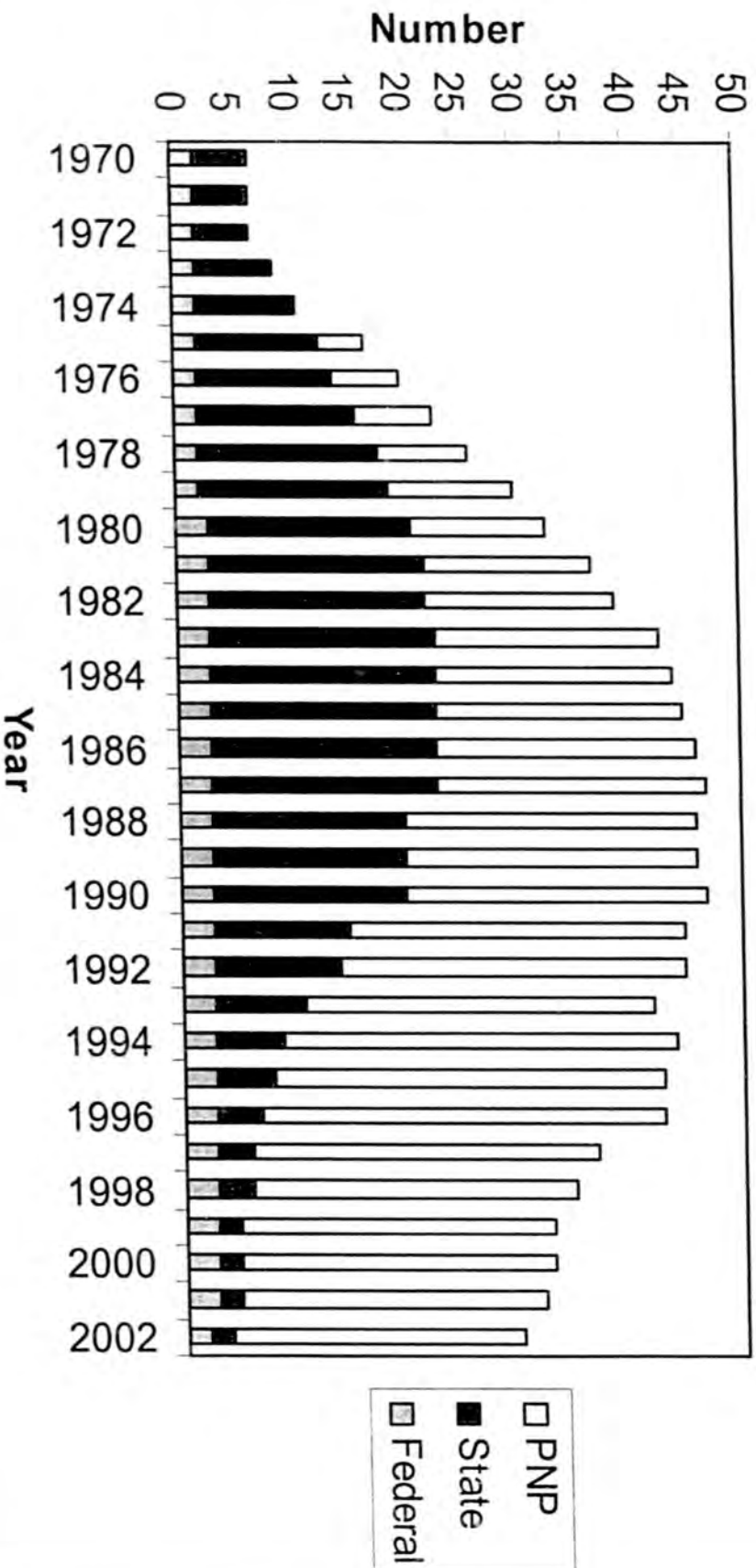
Aquaculture (Hatcheries)

Hatchery Production by Species



Aquaculture (Hatcheries)

Number of Hatcheries in Alaska



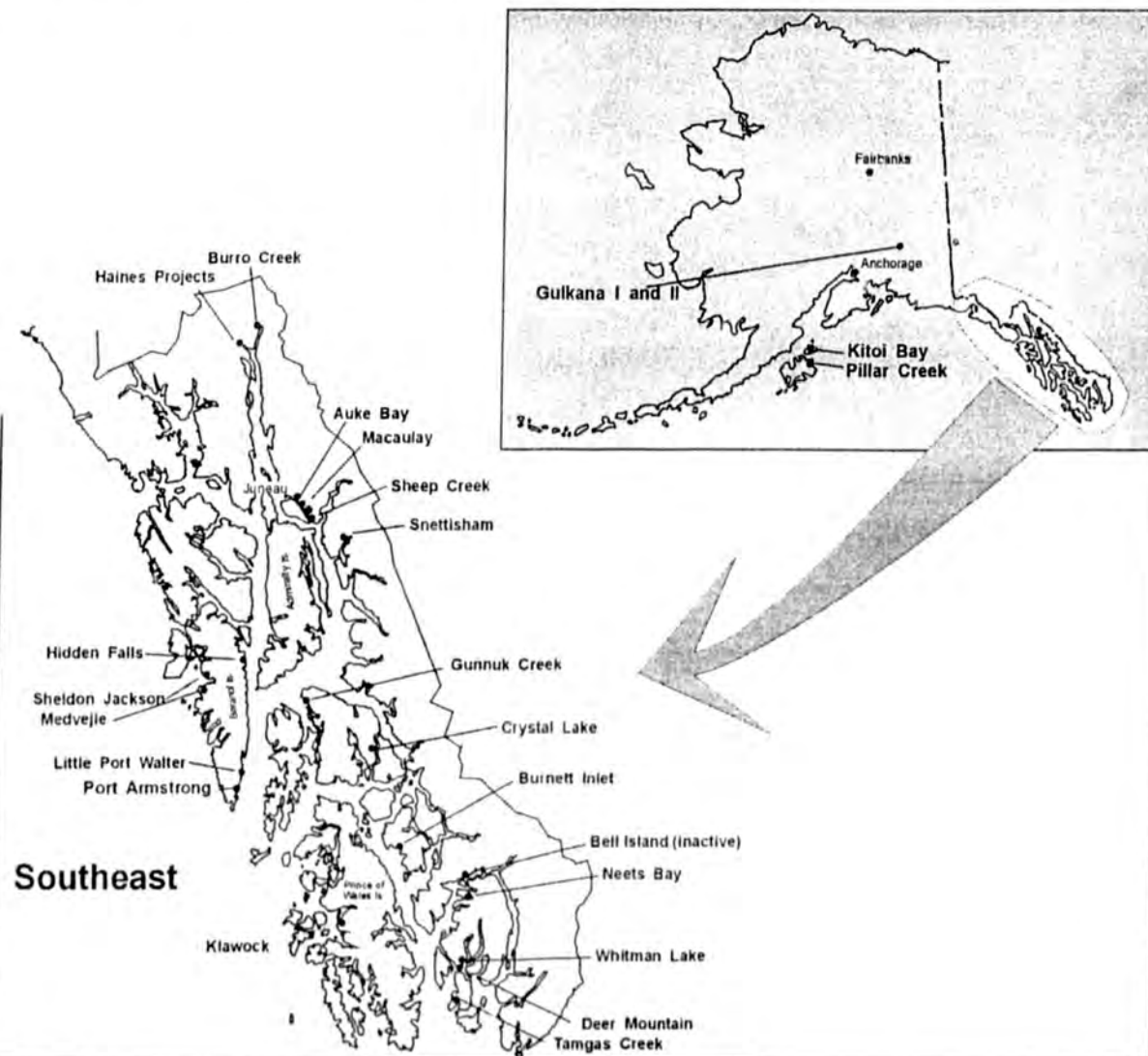
Aquaculture (Hatcheries)

Protection of Wild Stocks

- ⌋ Rigorous hatchery permitting process including Genetics, Pathology, and management reviews
- ⌋ Locate hatcheries away from significant wild stocks
- ⌋ Use local brood sources
- ⌋ Wild stocks always given priority in fisheries
- ⌋ Require tagging/marketing of hatchery fish
- ⌋ Require special studies on wild/hatchery interactions as necessary

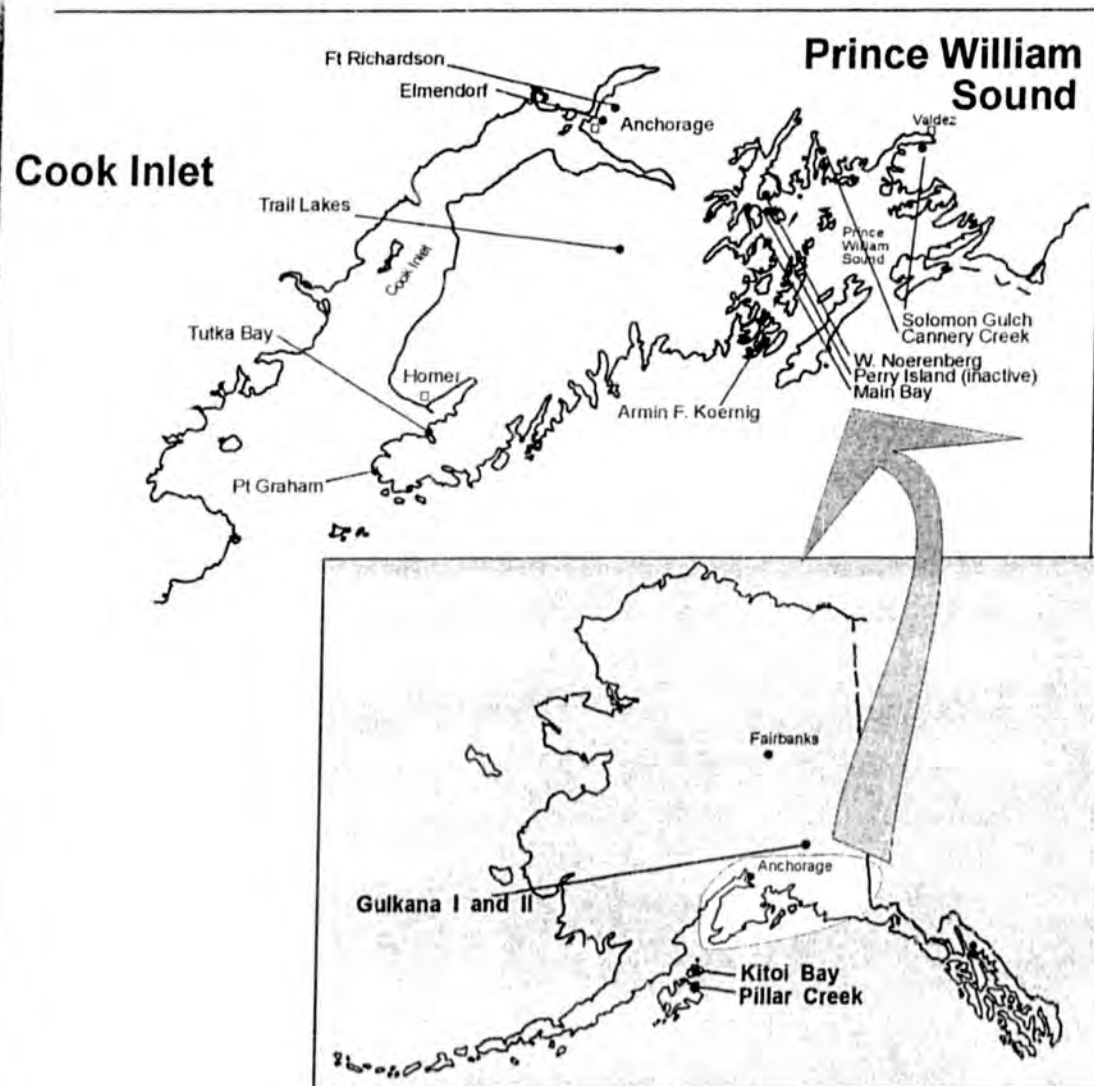
Aquaculture (Hatcheries)

Locations of Hatcheries in Southeast Alaska



Aquaculture (Hatcheries)

Locations of Hatcheries in Prince William Sound,
Interior, and Southcentral Alaska

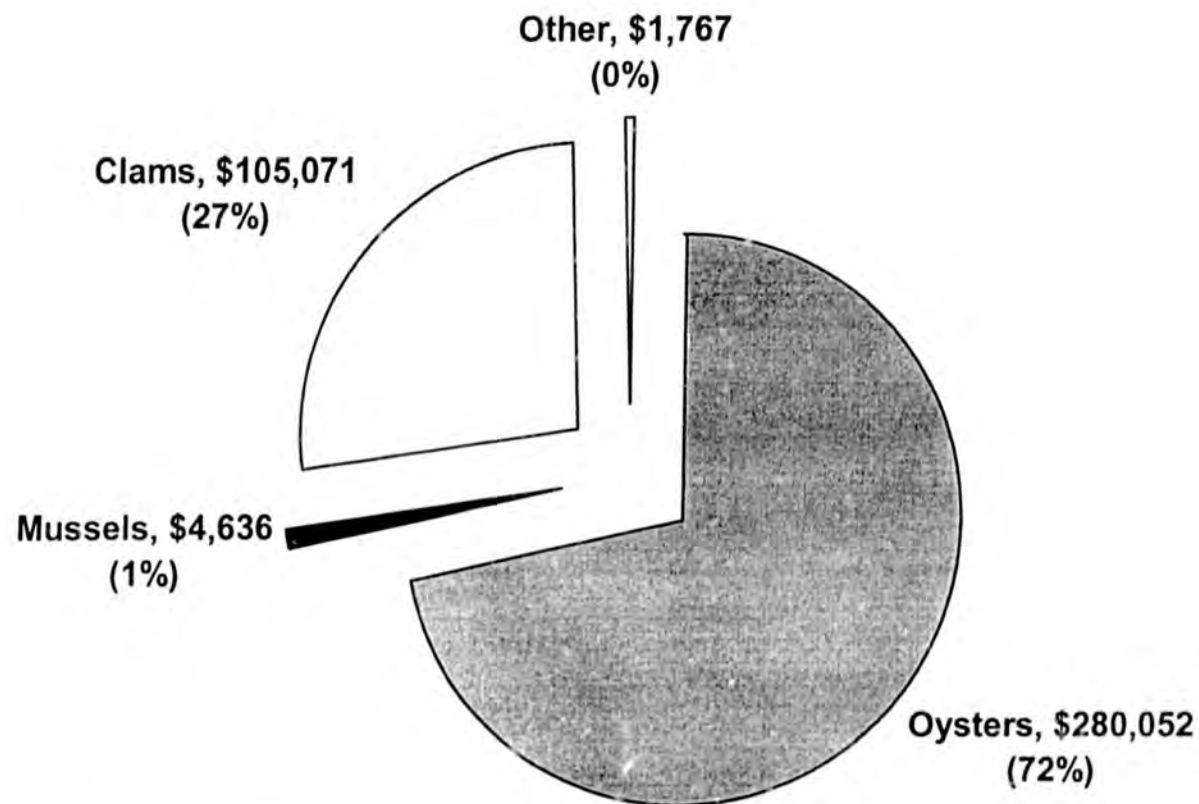


Aquaculture (Hatcheries)



Mariculture & Aquatic Farming

2001 Statewide Mariculture Production (Dollar Basis)



SCOMM

131:6

Alaska State Legislature

Chair
Seaton

Vice Chair
Wilson

Members
Berkowitz
Guttenberg
Heinze
Kott
Samuels



State Capitol
Juneau, AK 99801
(907) 465-3306
(907) 465-3472

House Special Committee on Fisheries

AGENDA-February 14, 2003

Rm#124; 8:30-10:00 a.m.

- 1) Overview of the Alaska Department of Fish and Game **Sport Fish Division**, Director Kelly Hepler presenting.

Questions and Answers.

- 2) Overview of the Alaska Department of Fish and Game **Habitat and Restoration Division**, Acting Director Kerry Howard presenting.

Questions and Answers.

Thank you. If you have any questions you can contact my committee staff person, Cameron Yourkowski, at 465-3306

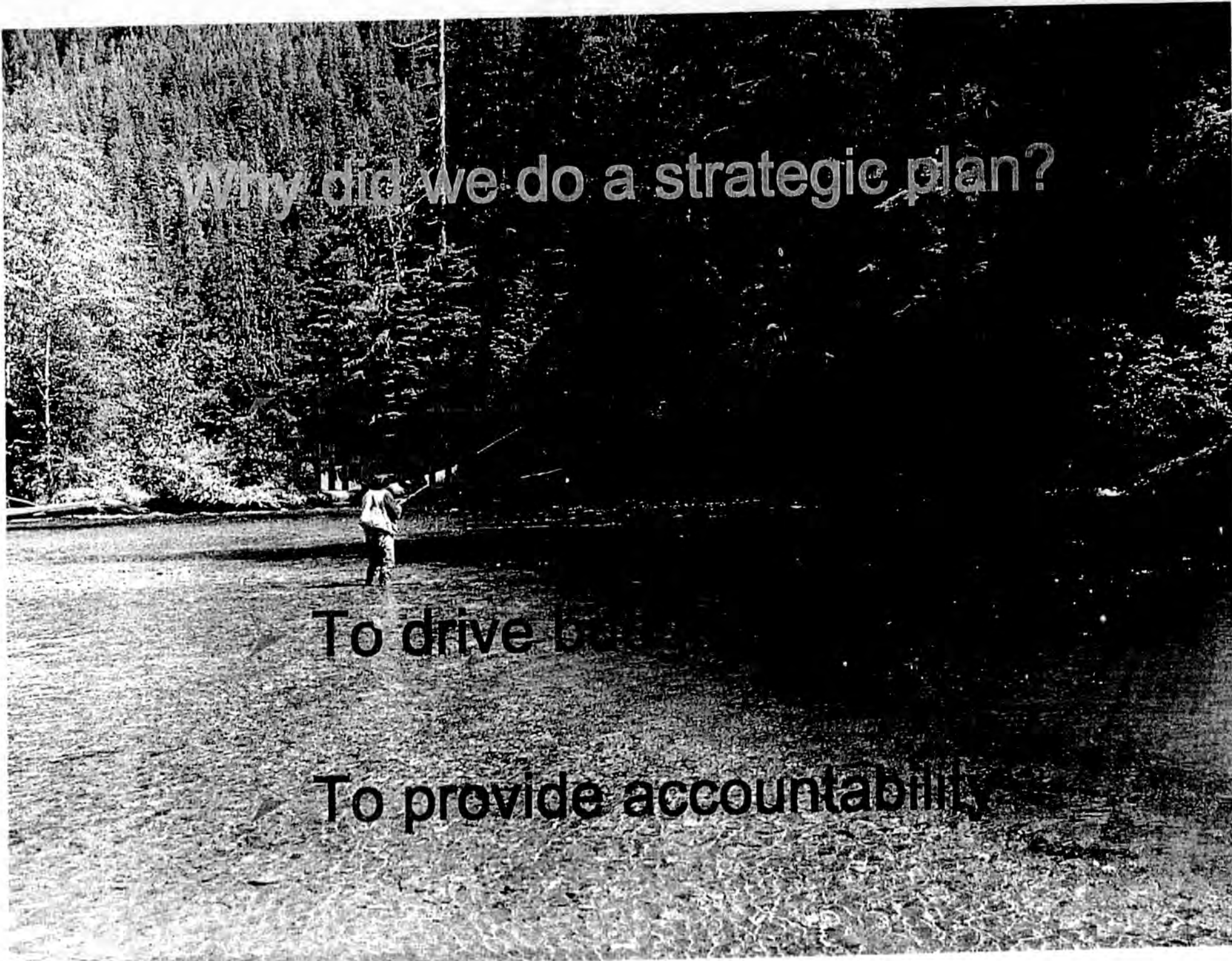
THE
FOLLOWING
DOCUMENT(S)
ARE
POOR
ORIGINAL
COPIES



Division of Sport Fish

Strategic Plan

October 2002

A black and white photograph of a person standing in a field, looking towards a dense forest. The person is positioned in the lower-left quadrant of the frame. The forest is composed of many tall, thin trees, possibly evergreens, and is very dense. The lighting is bright, creating strong shadows and highlights on the ground and foliage.

Why did we do a strategic plan?

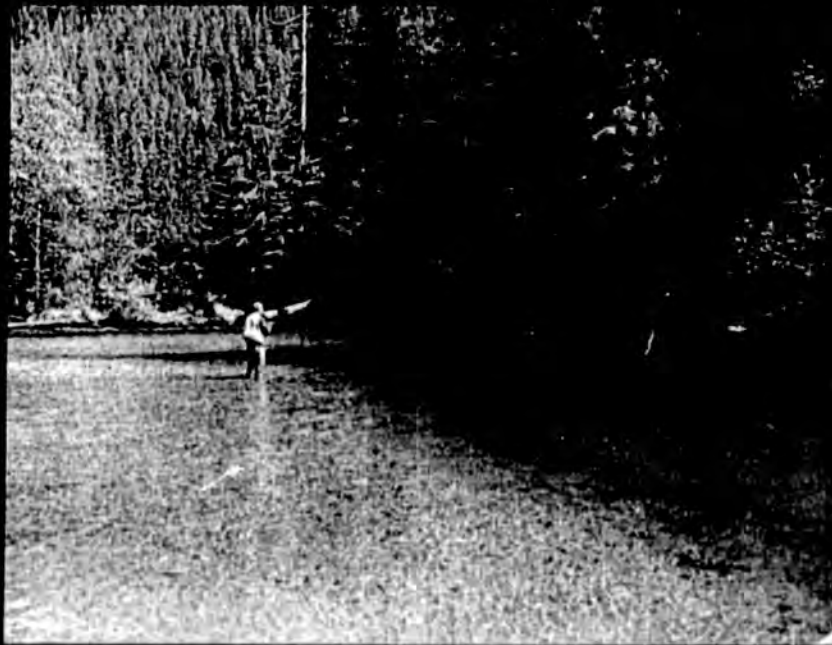
➤ To drive business

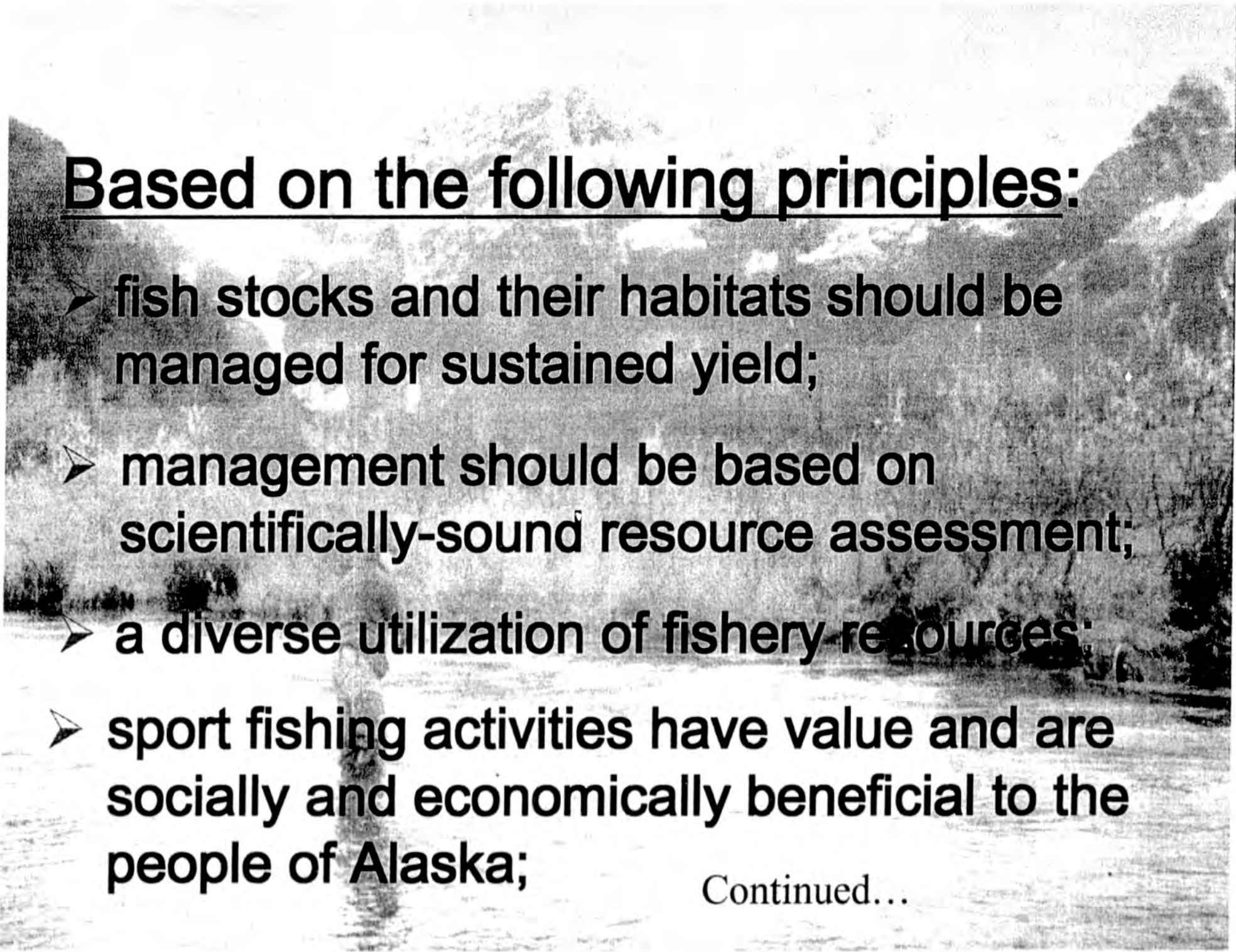
➤ To provide accountability

Based on our existing mission

*The mission of the Division of Sport
Fish is to protect and improve the
state's recreational fisheries resources.*

Set by law

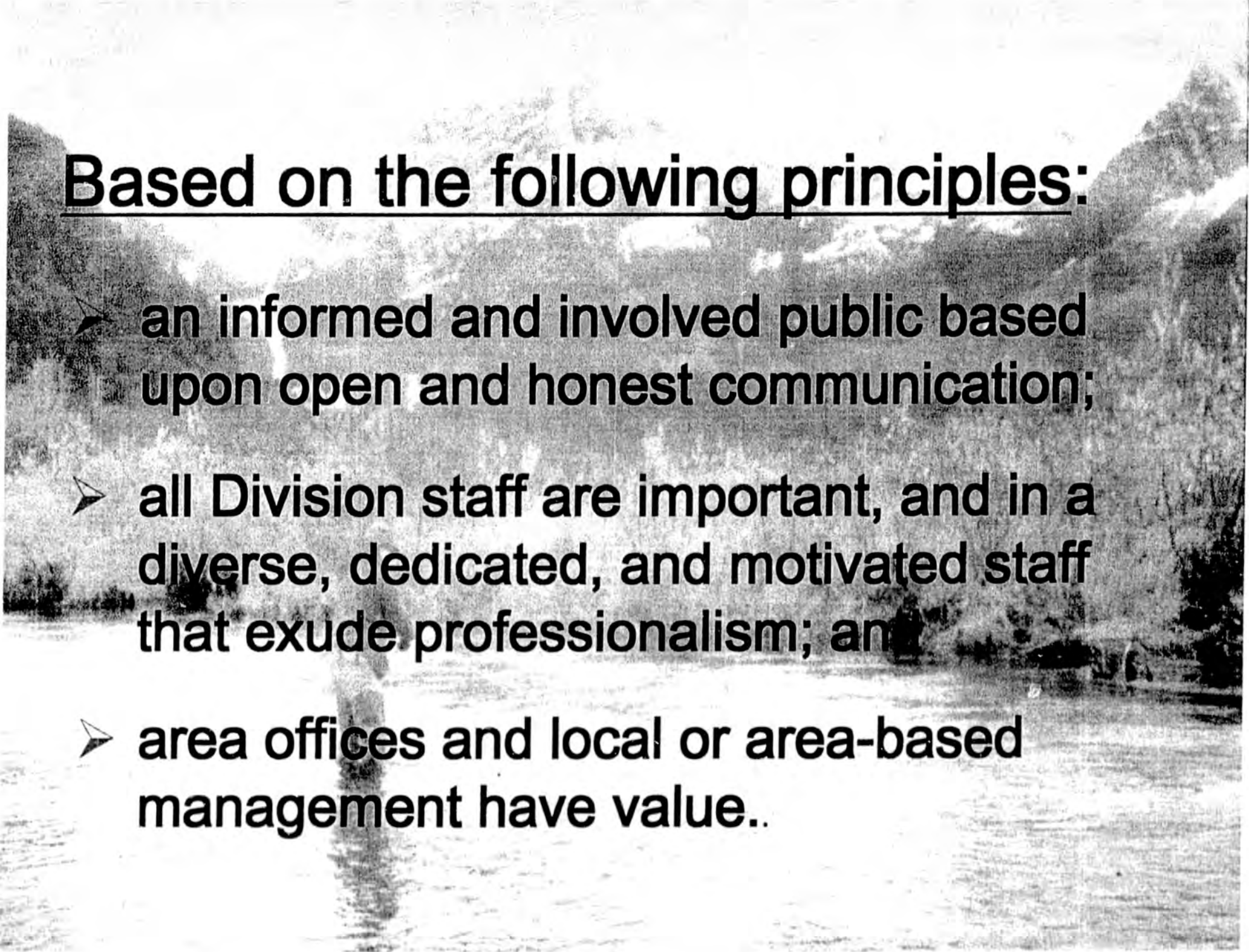




Based on the following principles:

- **fish stocks and their habitats should be managed for sustained yield;**
- **management should be based on scientifically-sound resource assessment;**
- **a diverse utilization of fishery resources;**
- **sport fishing activities have value and are socially and economically beneficial to the people of Alaska;**

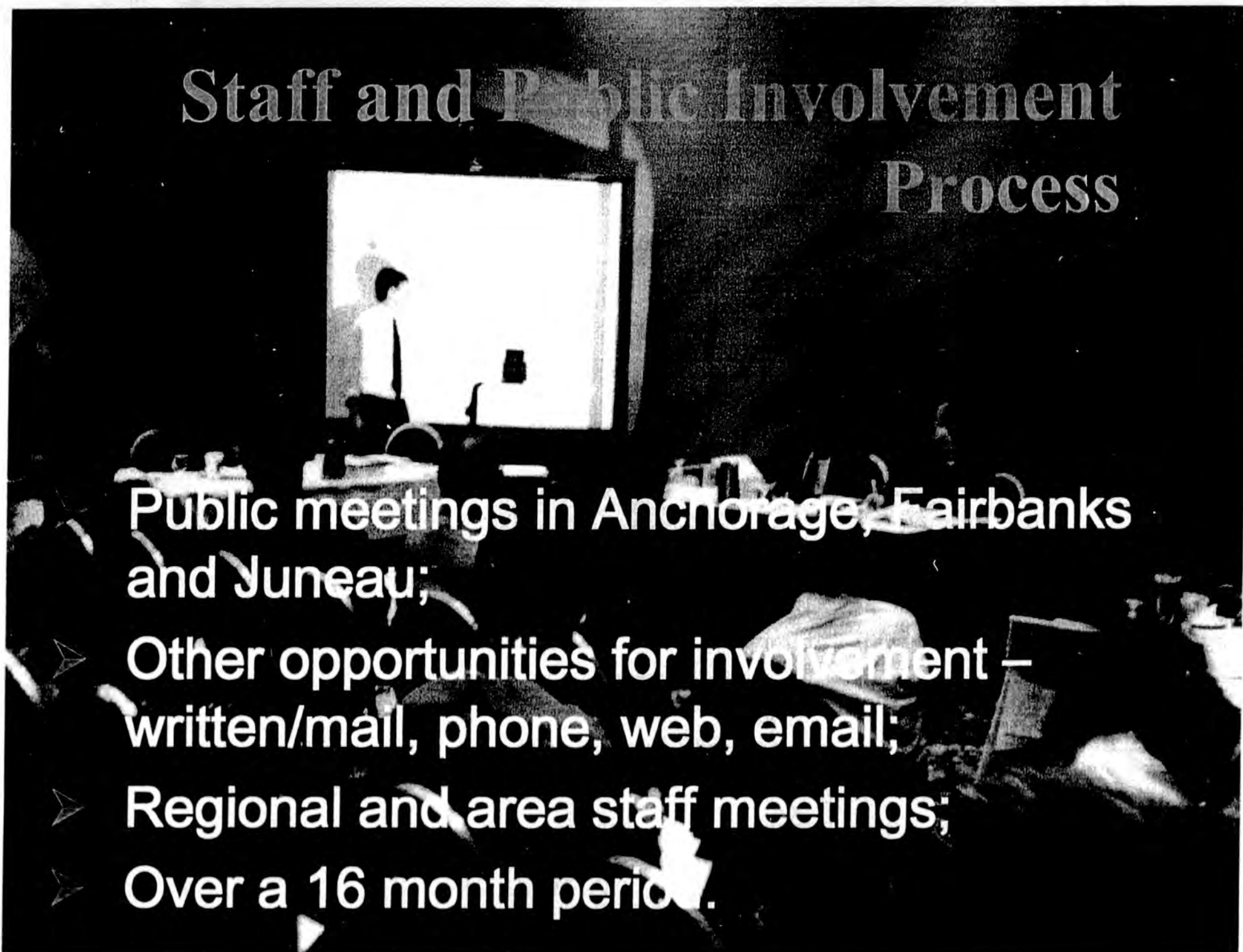
Continued...



Based on the following principles:

- an informed and involved public based upon open and honest communication;
- all Division staff are important, and in a diverse, dedicated, and motivated staff that exude professionalism; and
- area offices and local or area-based management have value..

Staff and Public Involvement Process



Public meetings in Anchorage, Fairbanks
and Juneau;

- Other opportunities for involvement –
written/mail, phone, web, email;
- Regional and area staff meetings;
- Over a 16 month period.

Framework of Plan

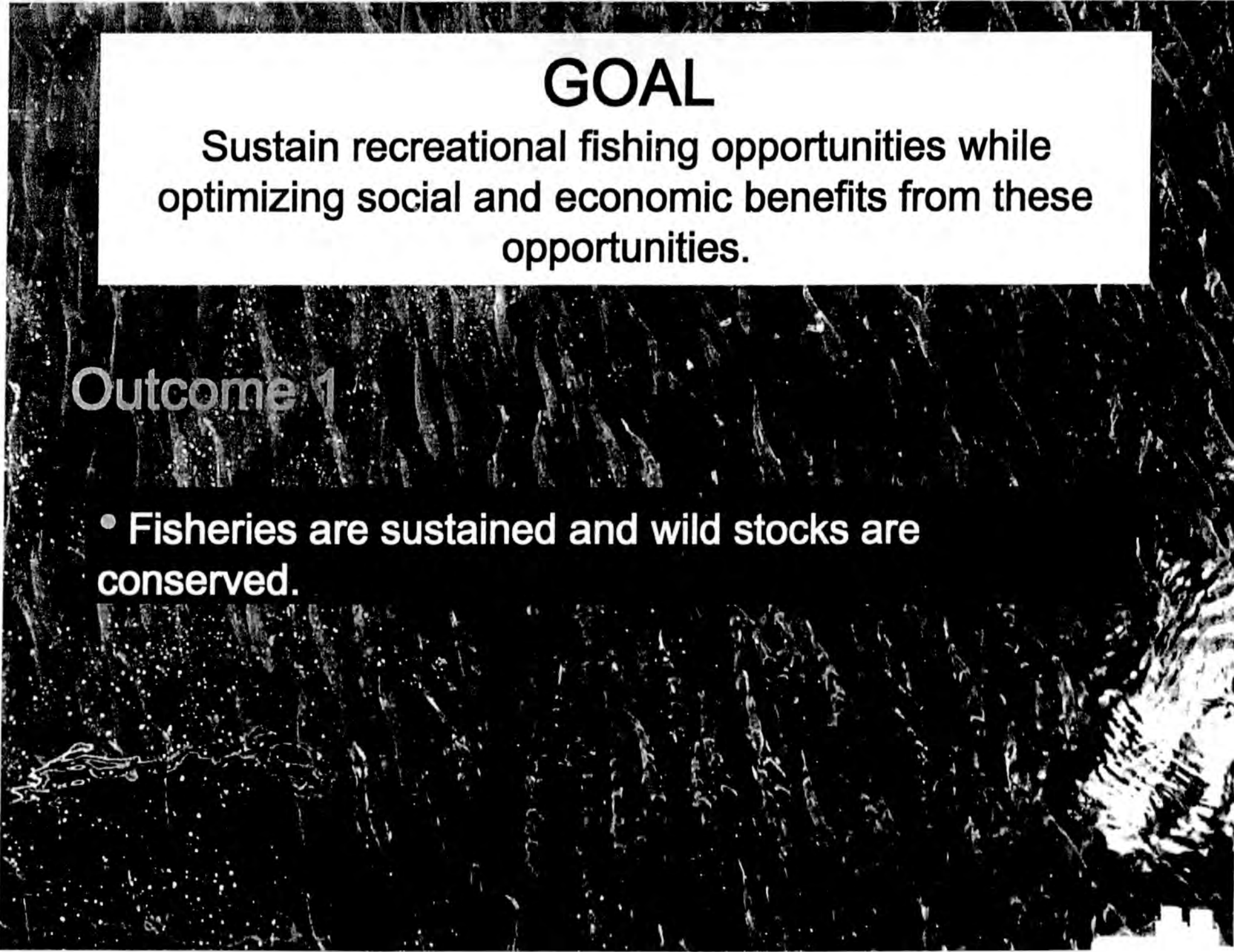


GOAL

Sustain recreational fishing opportunities while optimizing social and economic benefits from these opportunities.

Outcomes...





GOAL

Sustain recreational fishing opportunities while optimizing social and economic benefits from these opportunities.

Outcome 1

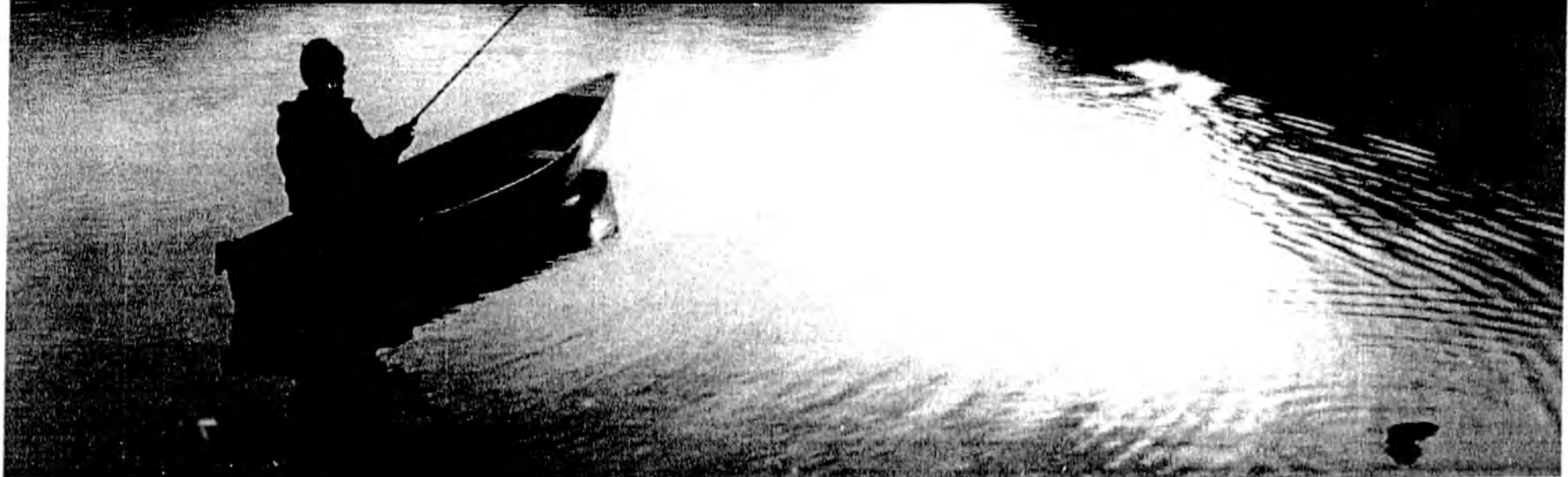
- Fisheries are sustained and wild stocks are conserved.

GOAL

Sustain recreational fishing opportunities while optimizing social and economic benefits from these opportunities

Outcome 2

- Dependable and diverse recreational fishing opportunities are provided consistent with demand.



GOAL

Sustain recreational fishing opportunities while optimizing social and economic benefits from these opportunities.

Recreational fishing is recognized and supported as being an important element of Alaska's economy.

Outcome 3

-SEWARD ALASKA-

GOAL

Sustain recreational fishing opportunities while optimizing social and economic benefits from these opportunities.

Outcome 4



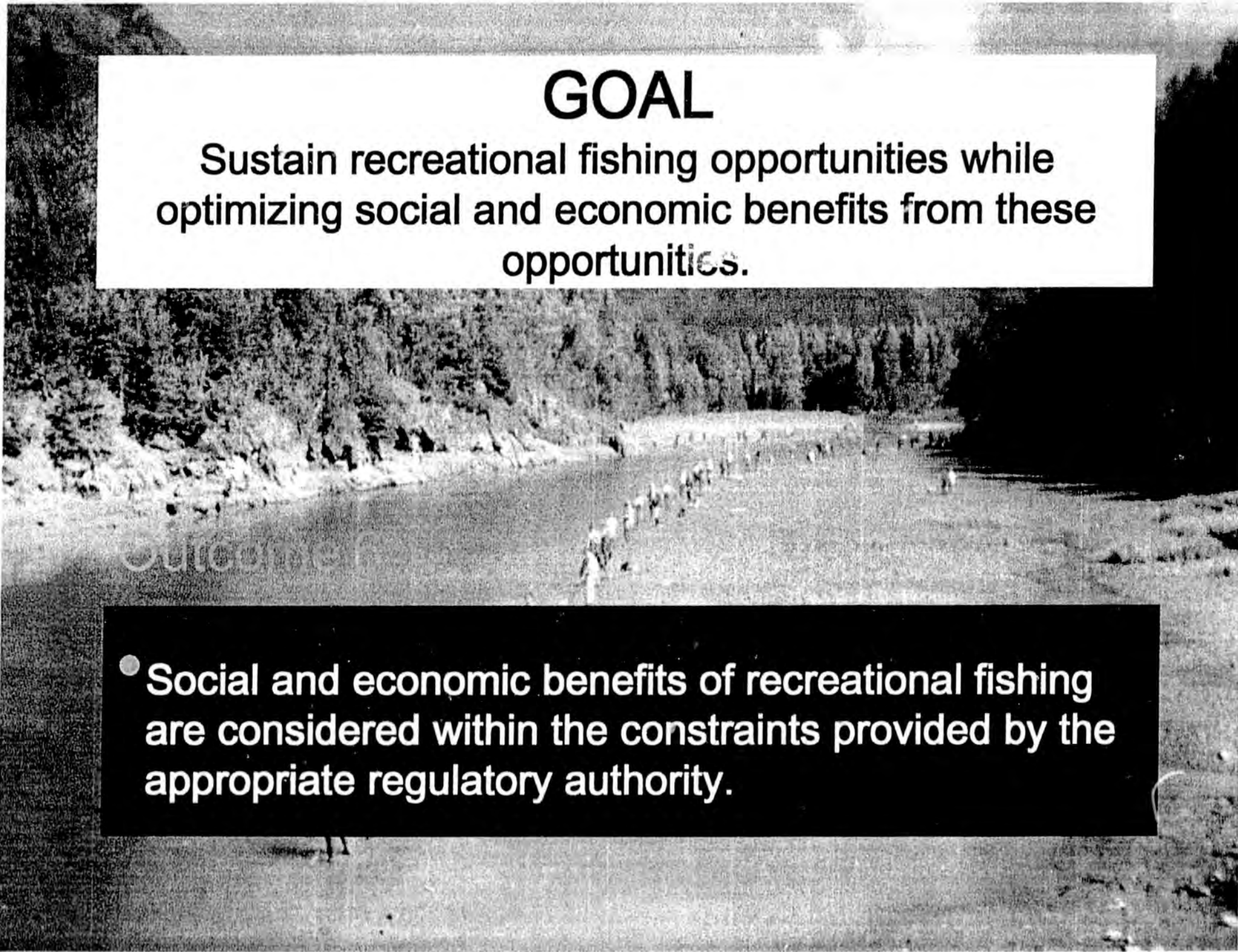
- Recreational fishing is recognized and supported as important to the lifestyle and culture of many Alaskans.

GOAL

Sustain recreational fishing opportunities while optimizing social and economic benefits from these opportunities.

Outcome 5

- Dialogue with other agencies, users, tribal entities, and stake-holders plays an integral role in sustaining recreational fishing opportunities.

A black and white photograph of a river scene. On the left, a steep, forested bank rises from the water. In the middle of the river, a line of people is visible, likely fishing. The water appears calm, and the overall scene is serene.

GOAL

Sustain recreational fishing opportunities while optimizing social and economic benefits from these opportunities.

- **Social and economic benefits of recreational fishing are considered within the constraints provided by the appropriate regulatory authority.**

GOAL

Conserve, manage, and improve Alaska's aquatic, riparian, and upland habitats to ensure sustainability of Alaska's fishery resources.

Outcomes...



GOAL

Conserve, manage, and improve Alaska's aquatic, riparian, and upland habitats to ensure sustainability of Alaska's fishery resources.

Outcome 1

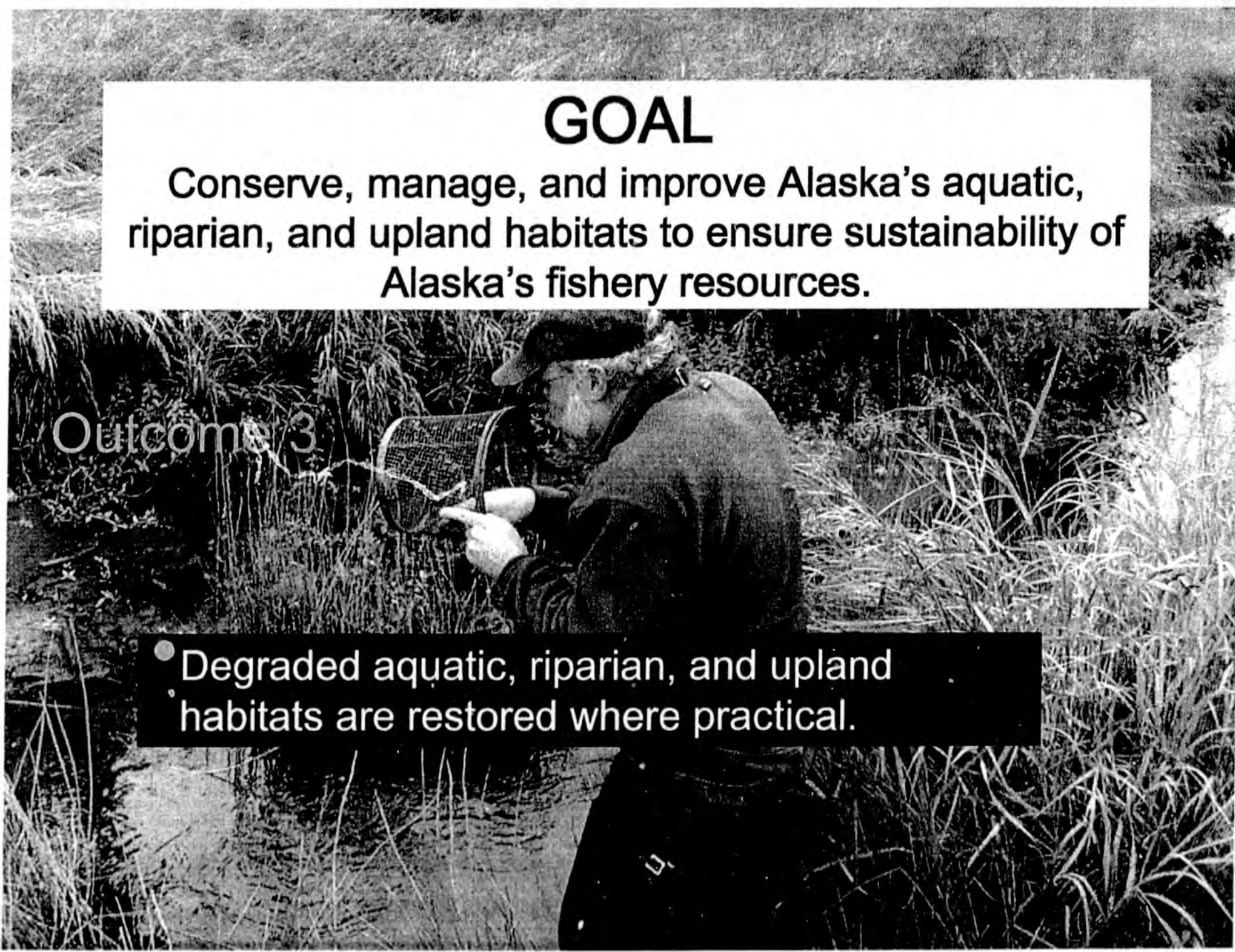
- Management practices conserve the structures and functions of aquatic, riparian, and upland habitats.

GOAL

Conserve, manage, and improve Alaska's aquatic, riparian, and upland habitats to ensure sustainability of Alaska's fishery resources.

Outcome 2

- Policies, regulations, and laws conserve Alaska's aquatic, riparian, and upland habitats.



GOAL

Conserve, manage, and improve Alaska's aquatic, riparian, and upland habitats to ensure sustainability of Alaska's fishery resources.

Outcome 3

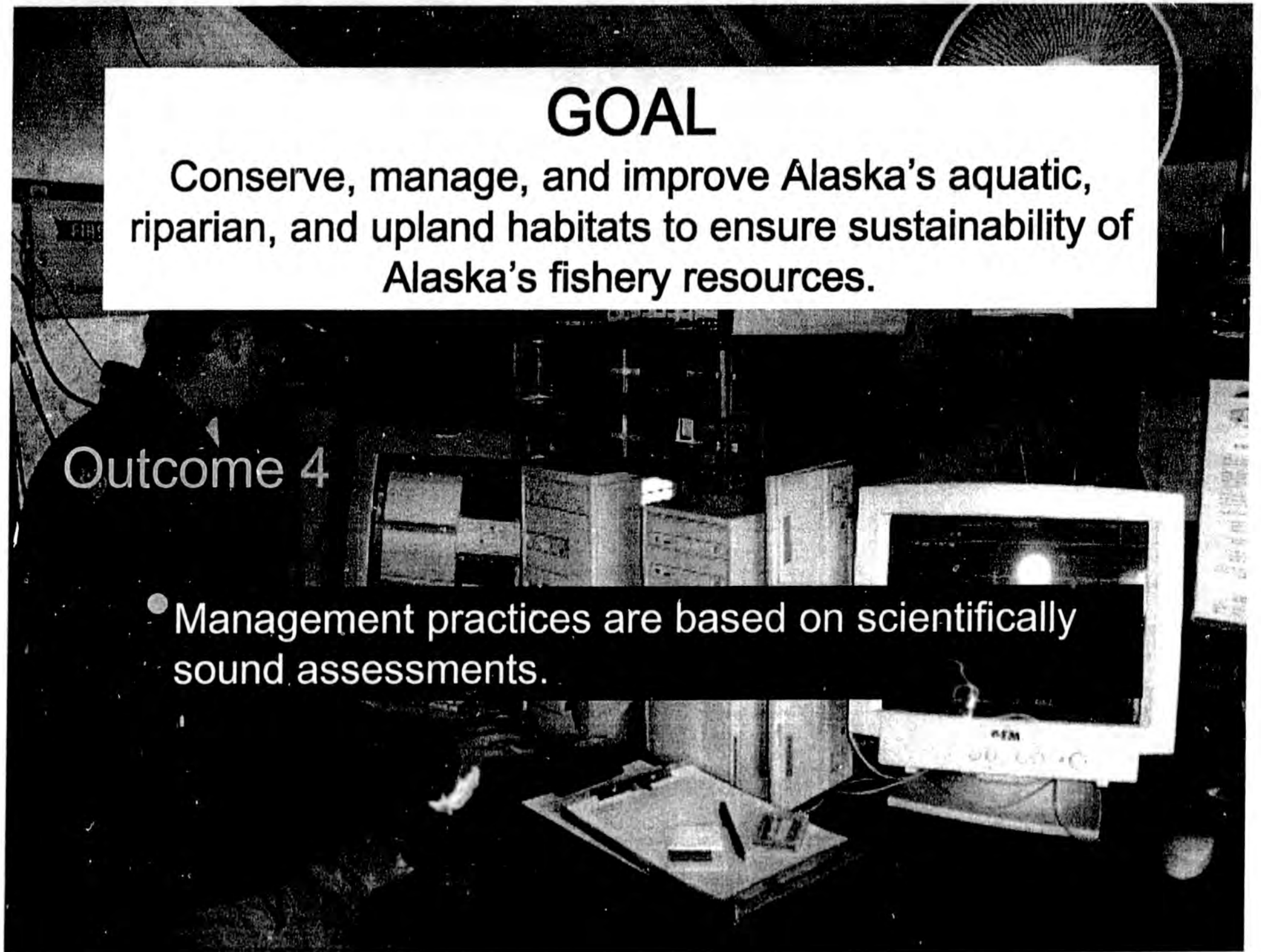
- Degraded aquatic, riparian, and upland habitats are restored where practical.

GOAL

Conserve, manage, and improve Alaska's aquatic, riparian, and upland habitats to ensure sustainability of Alaska's fishery resources.

Outcome 4

- Management practices are based on scientifically sound assessments.



GOAL

Conserve, manage, and improve Alaska's aquatic, riparian, and upland habitats to ensure sustainability of Alaska's fishery resources.

Outcome 5

- Social and economic benefits and needs are balanced with the effects to aquatic, riparian, and upland habitats.

CORRECTION

THE FOLLOWING DOCUMENT(S)
HAVE BEEN REFILMED TO
ASSURE LEGIBILITY OR PAGINATION



Central Microfilm Services
Department of Education & Early Development
State of Alaska

GOAL

Conserve, manage, and improve Alaska's aquatic, riparian, and upland habitats to ensure sustainability of Alaska's fishery resources.

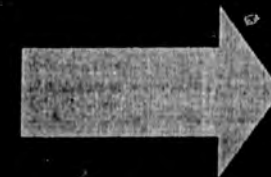
Outcome 5

- Social and economic benefits and needs are balanced with the effects to aquatic, riparian, and upland habitats.

GOAL

Foster a public that is consistently informed and involved in recreational fisheries

Outcomes...



A black and white photograph of a young child with a joyful expression, holding a small, spiky plant. The child's face is the central focus, with their eyes slightly squinted and a wide smile showing their teeth. The background is dark and out of focus.

GOAL

Foster a public that is consistently informed and involved in recreational fisheries

Outcome 1

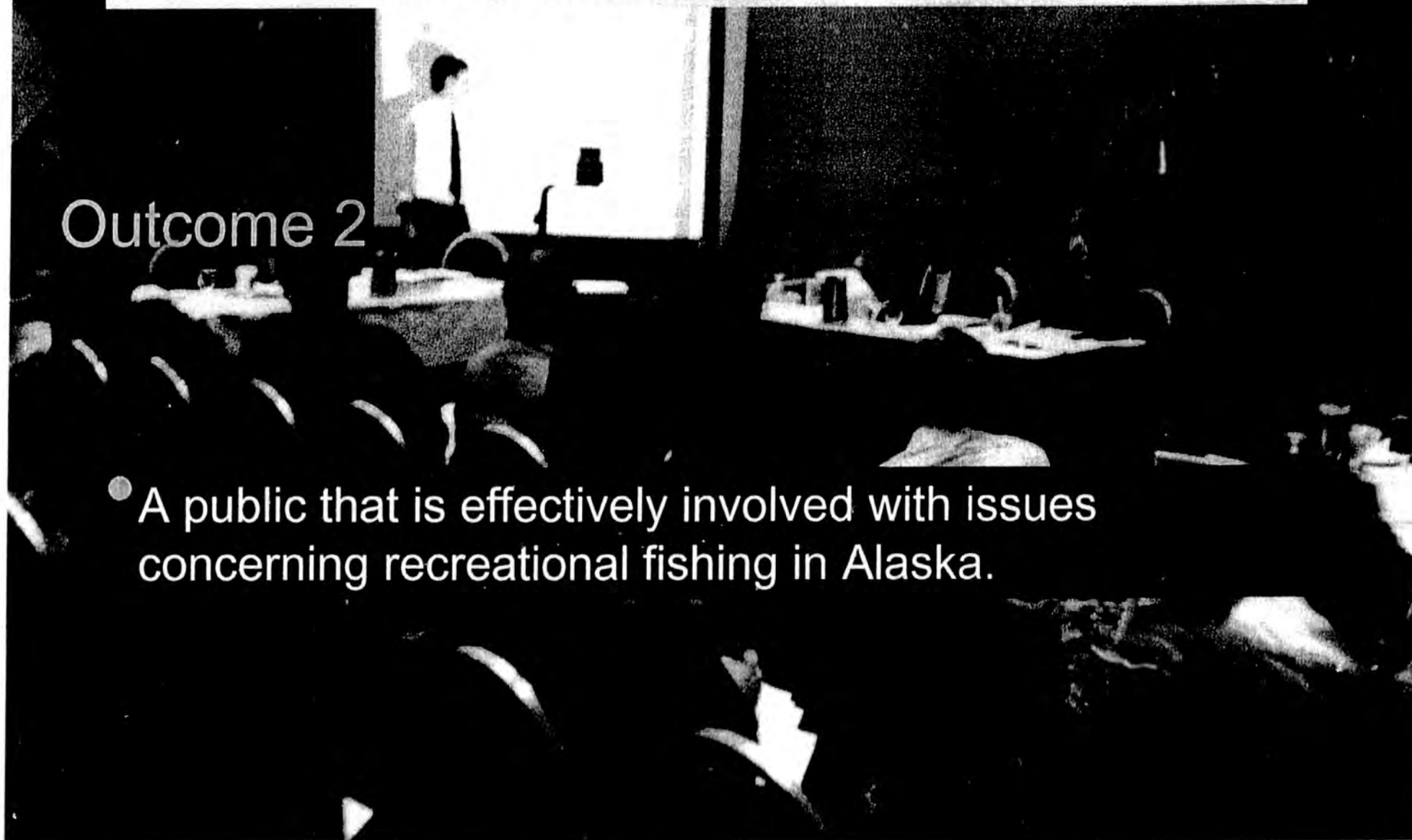
- A public that is well-informed and knowledgeable about issues related to recreational fishing in Alaska.

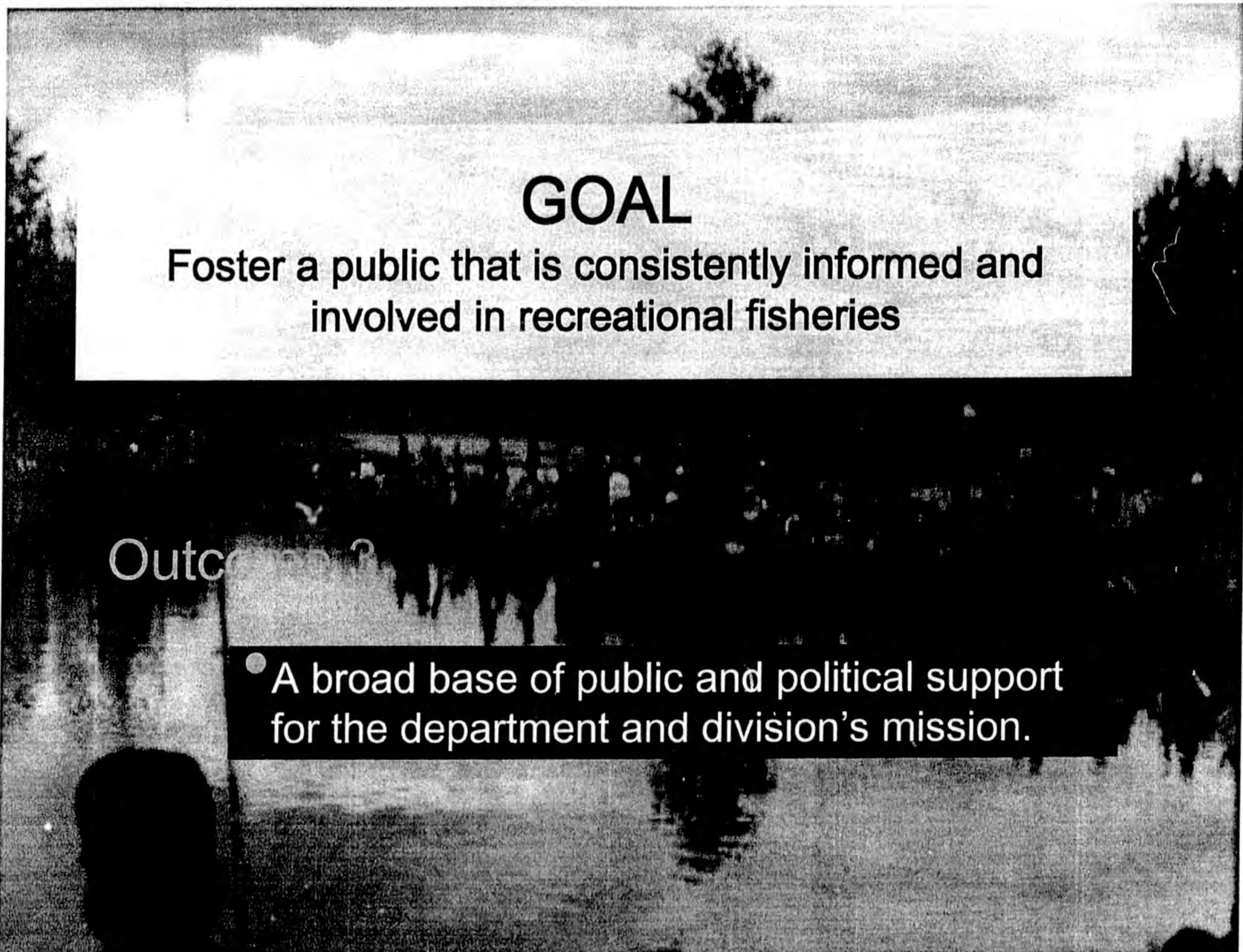
GOAL

Foster a public that is consistently informed and involved in recreational fisheries

Outcome 2

- A public that is effectively involved with issues concerning recreational fishing in Alaska.



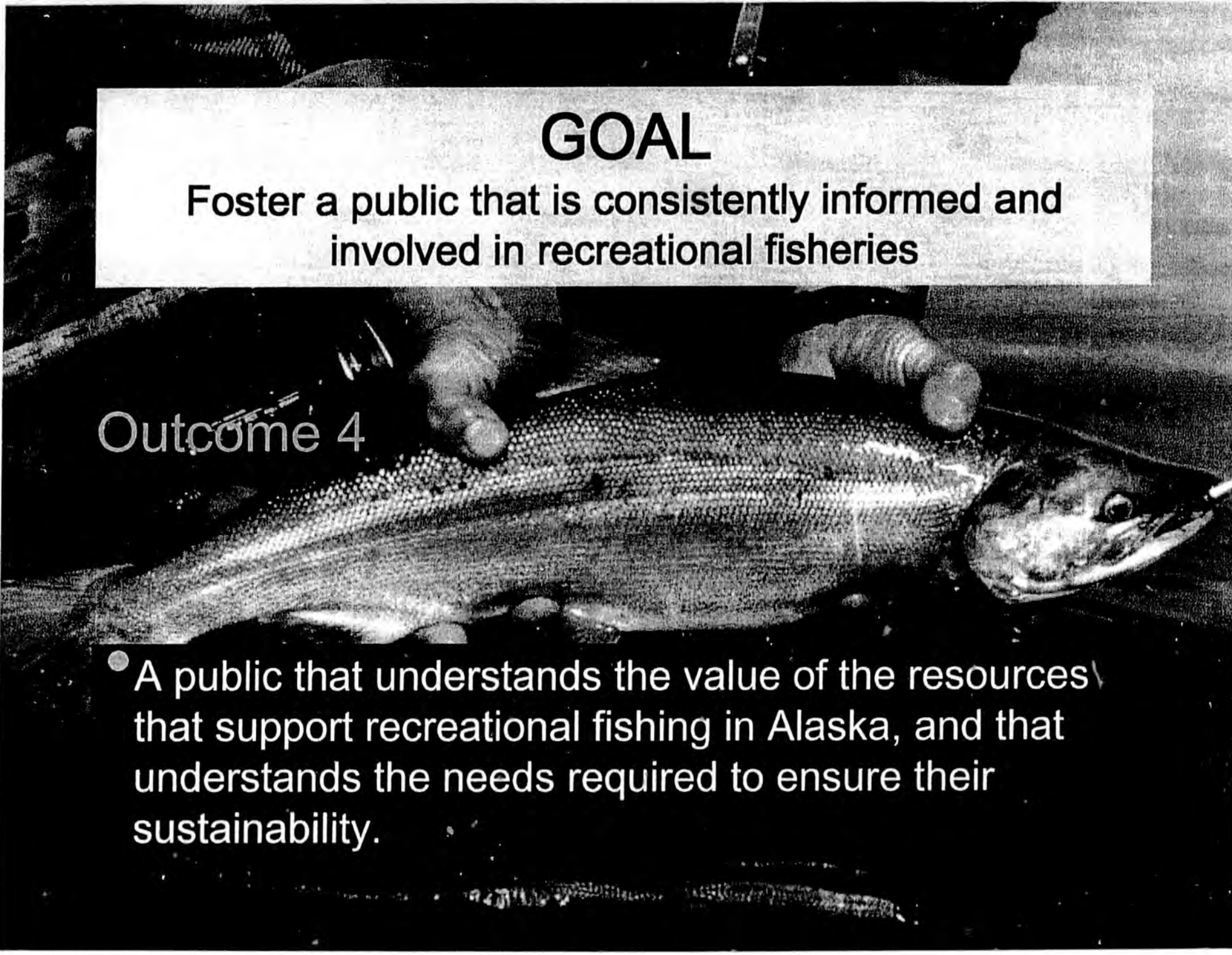


GOAL

Foster a public that is consistently informed and involved in recreational fisheries

Outcomes?

- A broad base of public and political support for the department and division's mission.

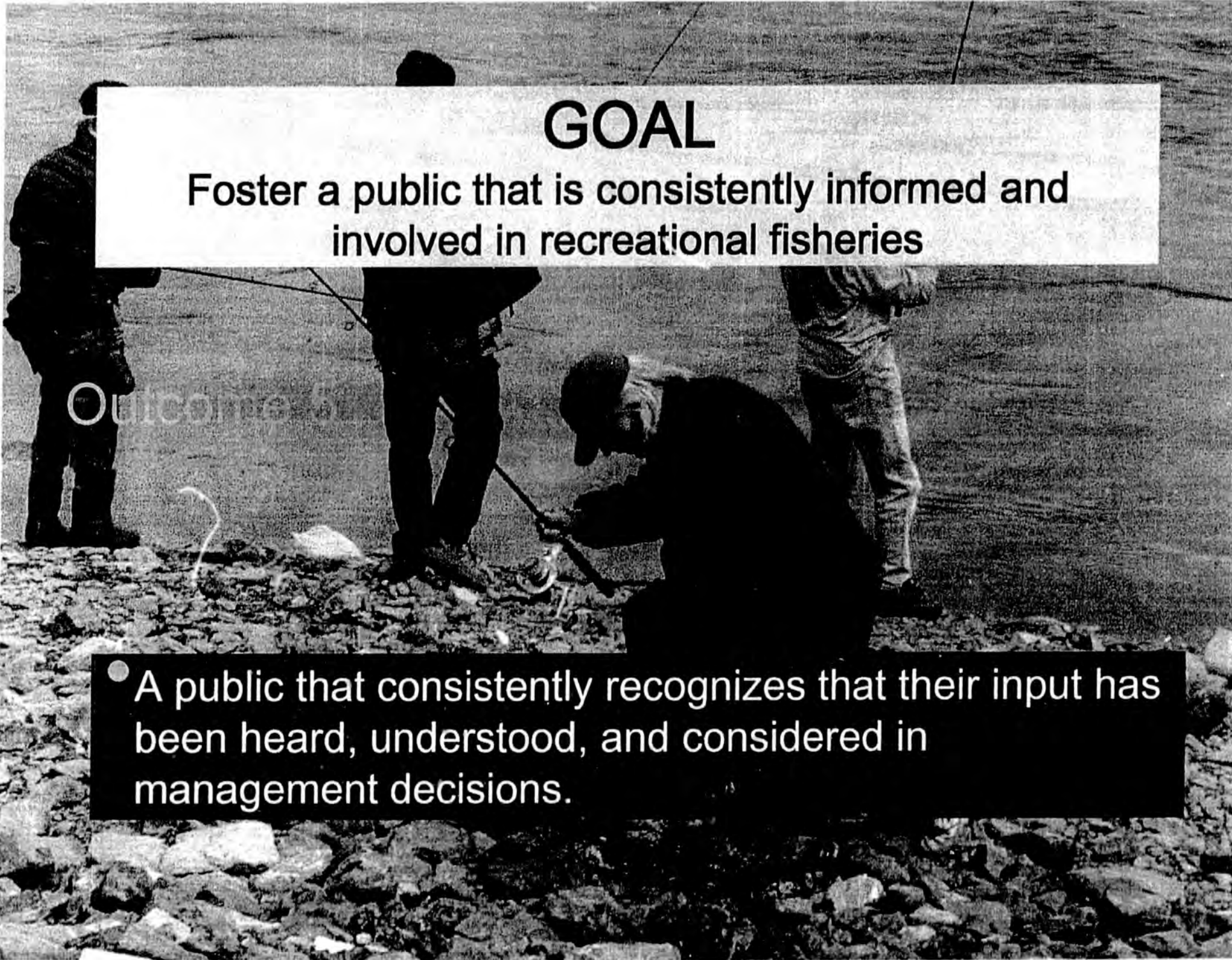


GOAL

Foster a public that is consistently informed and involved in recreational fisheries

Outcome 4

- A public that understands the value of the resources that support recreational fishing in Alaska, and that understands the needs required to ensure their sustainability.



GOAL

Foster a public that is consistently informed and involved in recreational fisheries

Outcome 6

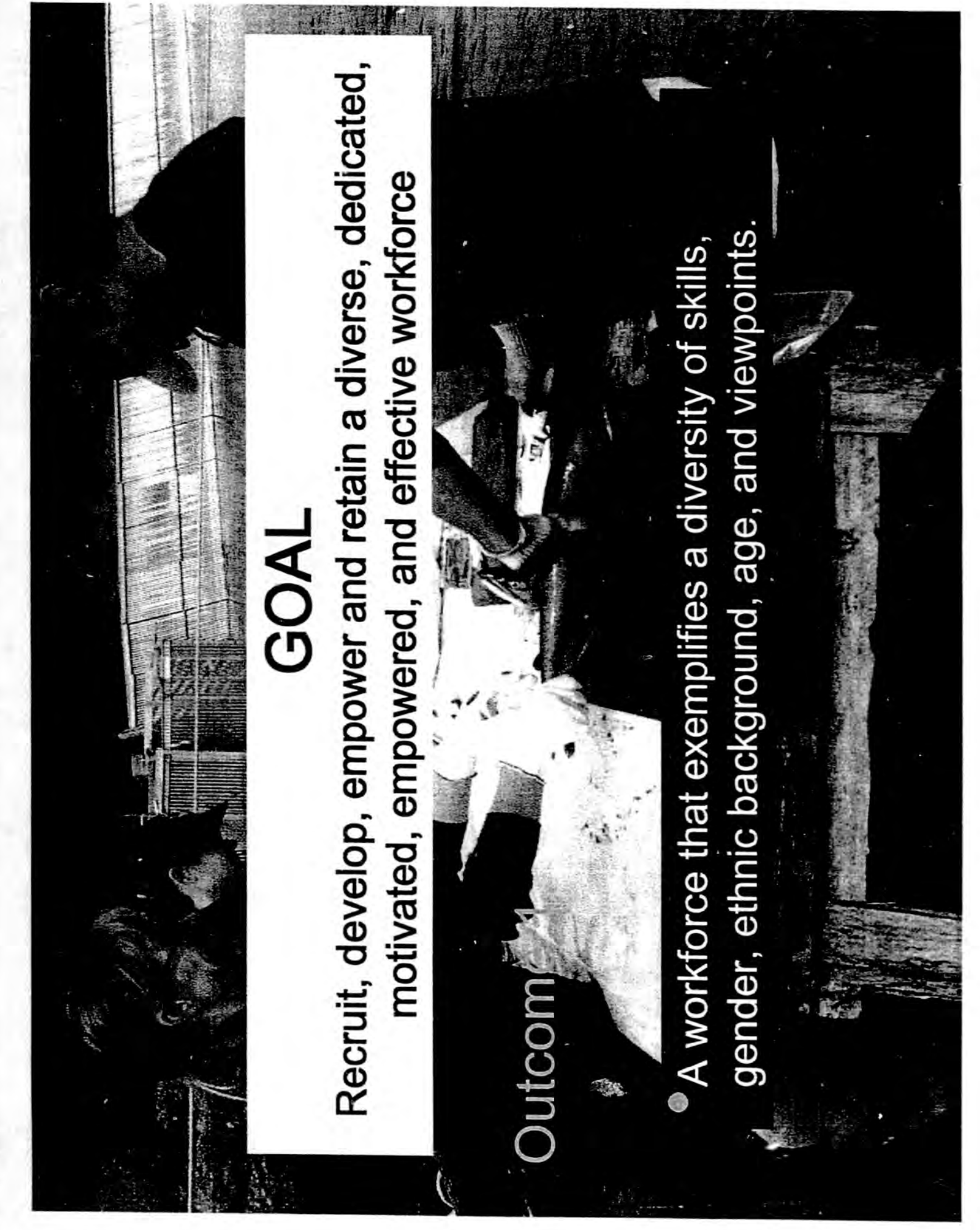
- A public that consistently recognizes that their input has been heard, understood, and considered in management decisions.

GOAL

Recruit, develop, empower and retain a diverse,
dedicated, motivated, empowered, and effective
workforce

Outcomes...





GOAL

Recruit, develop, empower and retain a diverse, dedicated, motivated, empowered, and effective workforce

Outcomes

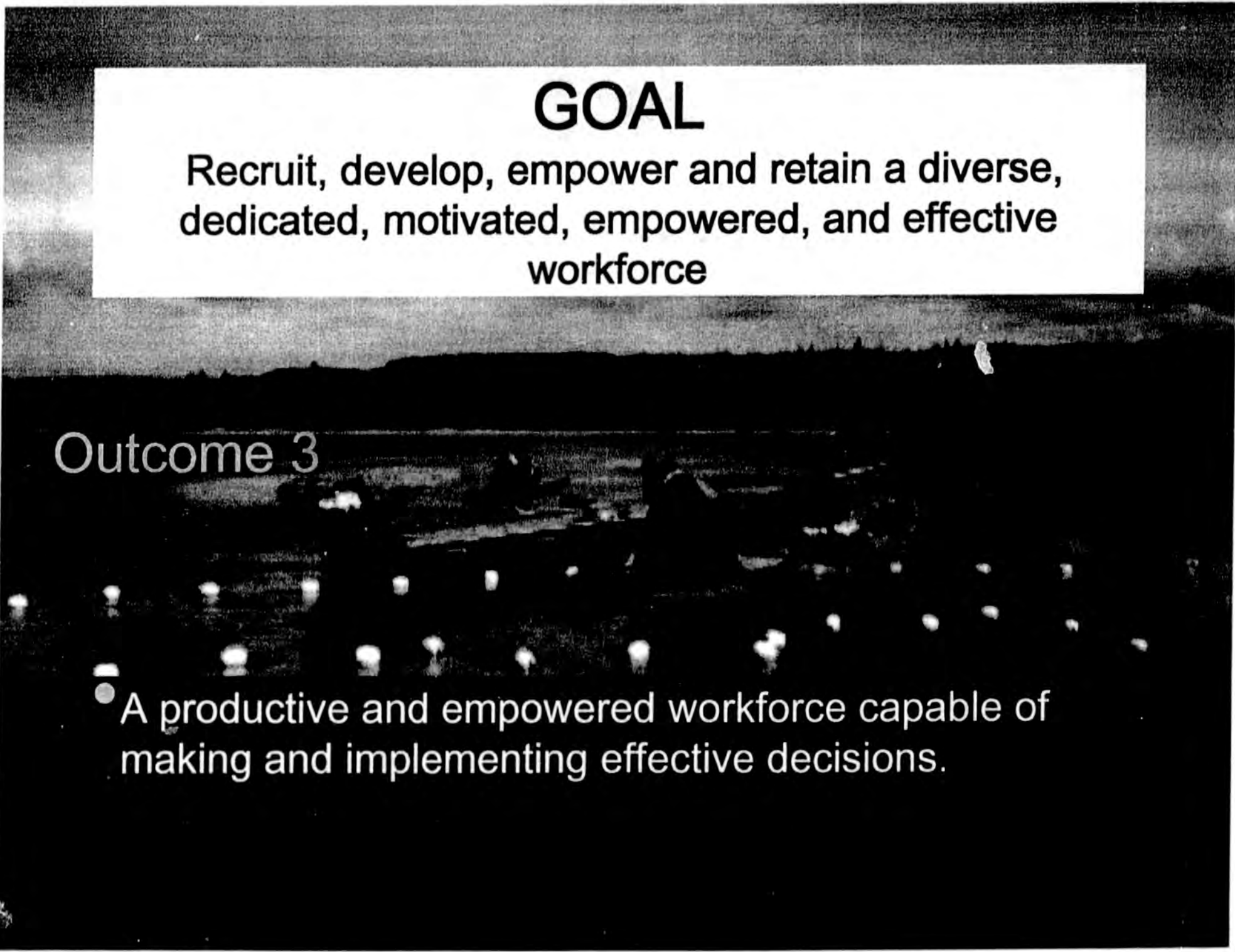
- A workforce that exemplifies a diversity of skills, gender, ethnic background, age, and viewpoints.

GOAL

Recruit, develop, empower and retain a diverse, dedicated, motivated, empowered, and effective workforce

Outcome 2

- Staff that understand and appreciate the importance of their individual contributions to the department and division mission.

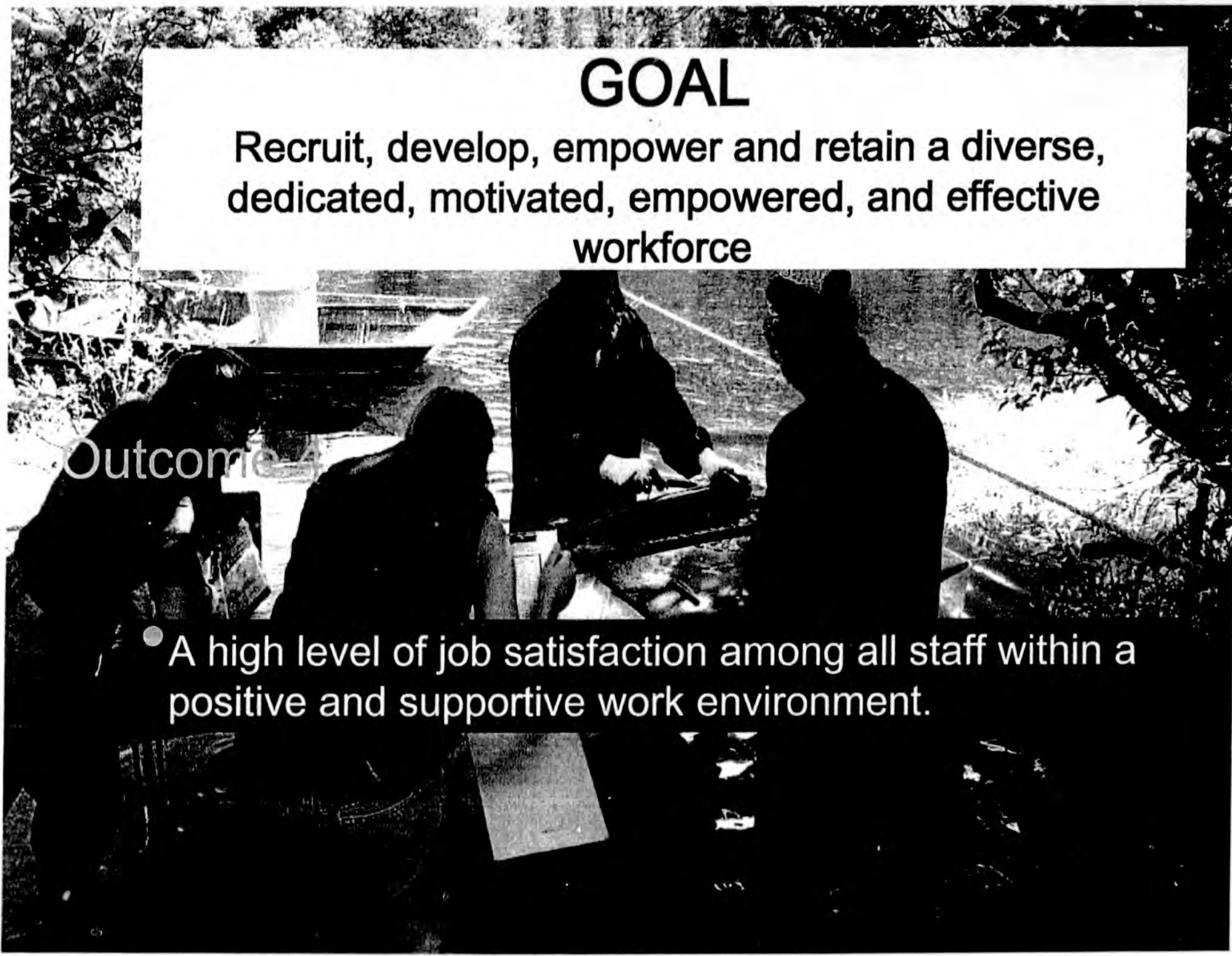


GOAL

Recruit, develop, empower and retain a diverse, dedicated, motivated, empowered, and effective workforce

Outcome 3

- A productive and empowered workforce capable of making and implementing effective decisions.



GOAL

Recruit, develop, empower and retain a diverse, dedicated, motivated, empowered, and effective workforce

Outcome 4

- A high level of job satisfaction among all staff within a positive and supportive work environment.

That's the plan.

What now?

DIVISION OF SPORT FISH

Strategic Plan



RESPONSIBLE MANAGEMENT OF ALASKA'S
RECREATIONAL FISHERIES IN THE 21ST CENTURY

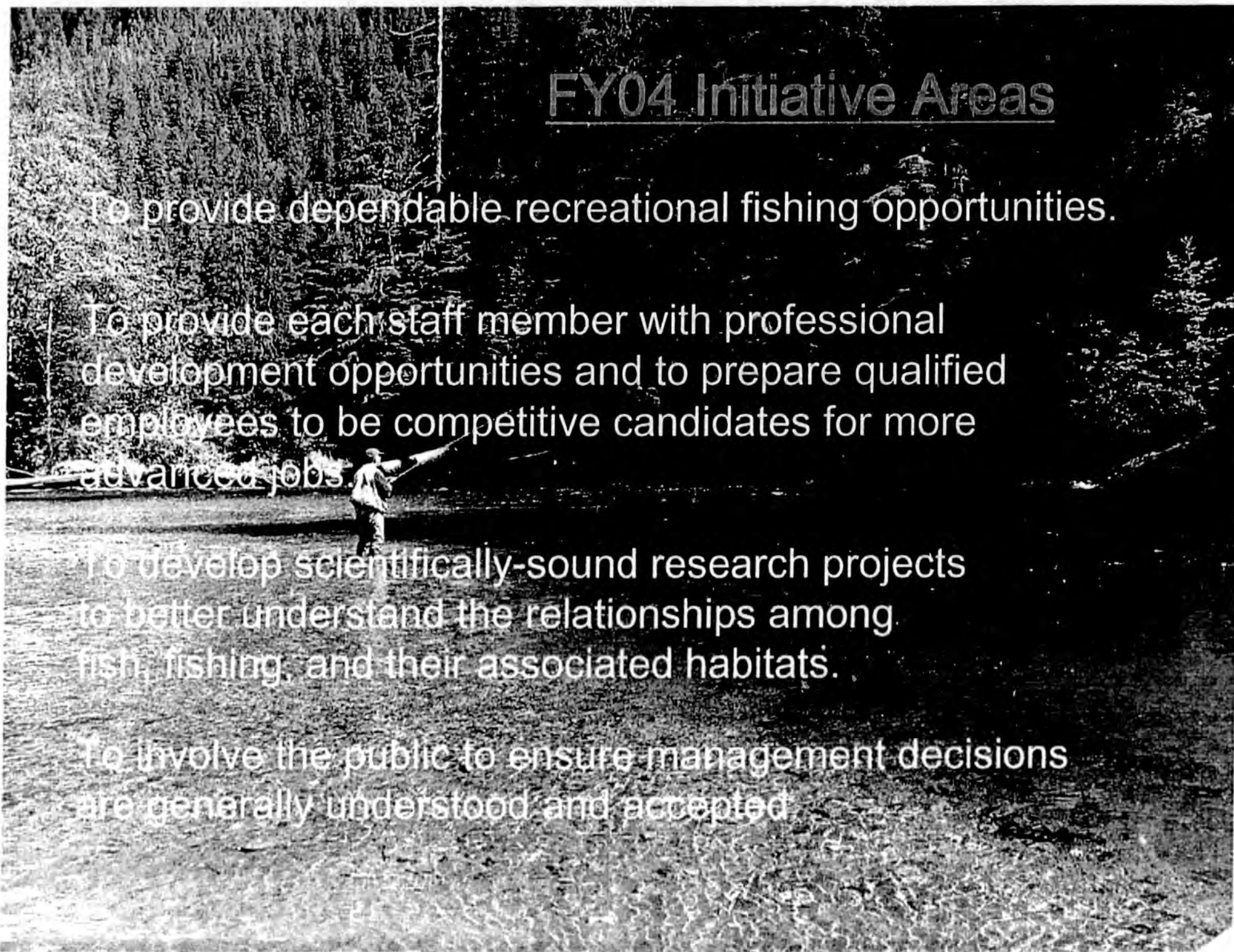
Implementation Strategy

Ranked all goals and objectives using an analytic hierarchy process model.

For each ranked objective, assessed how we were doing, from strong to weak

Identified the 4 highest-ranked objectives that were weak as initiative areas for the FY04 budget.

Seeded funds to address initiative areas.



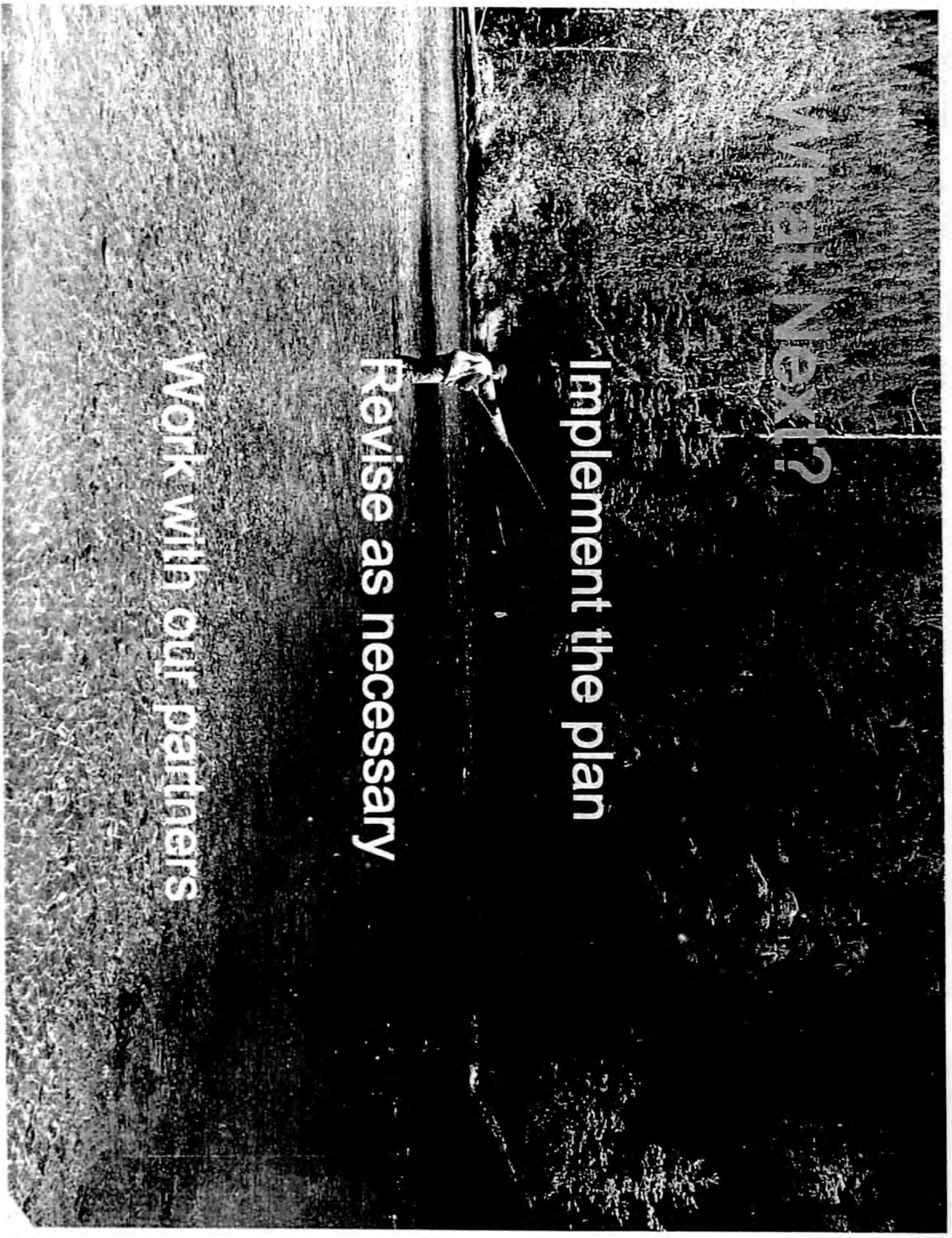
FY04 Initiative Areas

To provide dependable recreational fishing opportunities.

To provide each staff member with professional development opportunities and to prepare qualified employees to be competitive candidates for more advanced jobs.

To develop scientifically-sound research projects to better understand the relationships among fish, fishing, and their associated habitats.

To involve the public to ensure management decisions are generally understood and accepted.

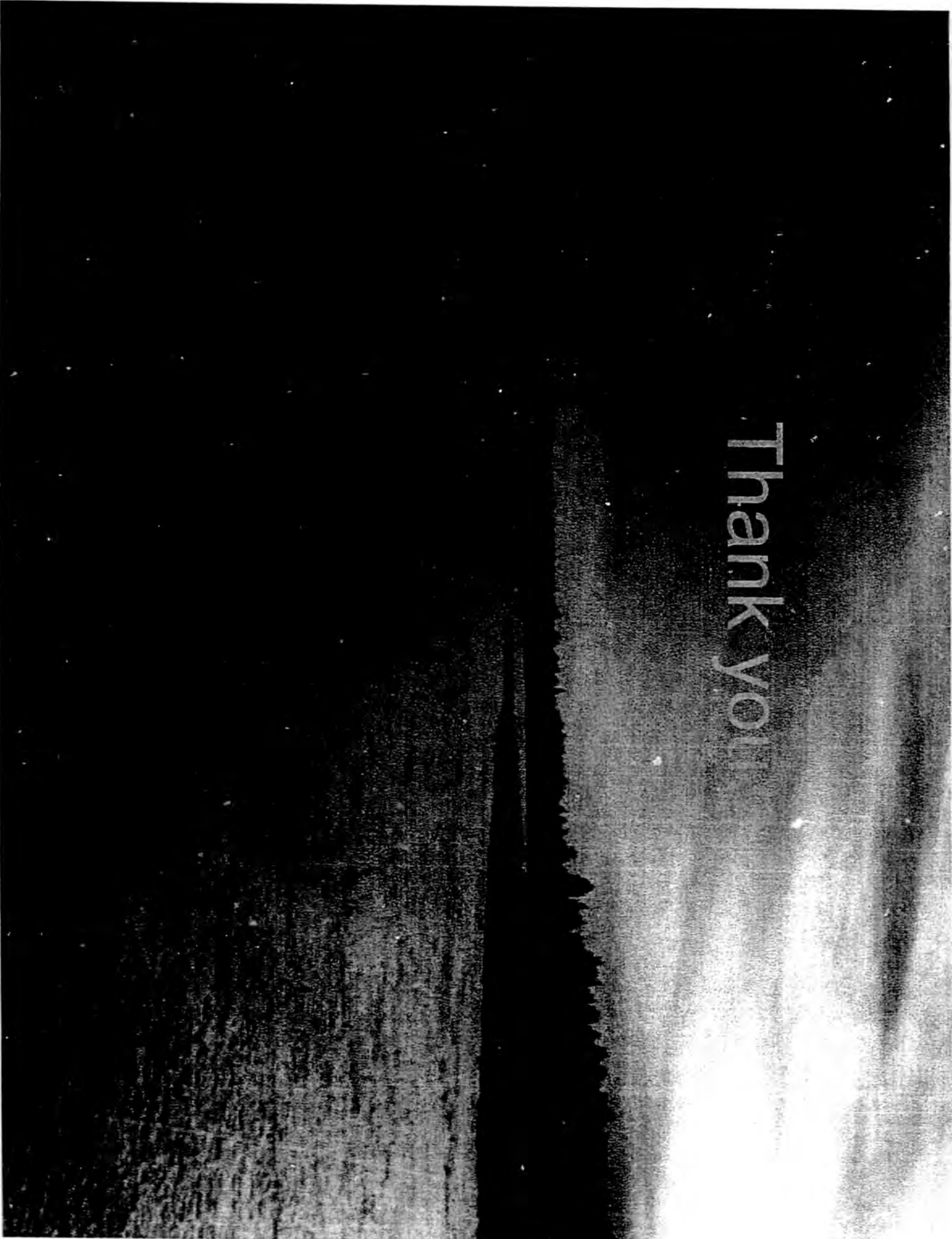


What's Next?

Implement the plan

Revise as necessary

Work with our partners

A black and white photograph of a sunset or sunrise over a body of water. The sun is a bright, glowing orb on the right side of the frame, partially obscured by a dark, jagged silhouette of a shoreline or trees. The sky is filled with soft, horizontal clouds, and the water in the foreground reflects the light from the sun. The overall mood is serene and contemplative.

Thank you

DIVISION OF SPORT FISH
Strategic Plan



RESPONSIBLE MANAGEMENT OF ALASKA'S
RECREATIONAL FISHERIES IN THE 21ST CENTURY

CONTENTS

- 1 • Message from the Director
- 2 • About the Alaska Department of Fish and Game
 - 2 Legal Foundation
 - 2 Department Mission
 - 2 Department Guiding Principles
- 3-5 • About the Division of Sport Fish
 - 3 Our Mission
 - 3 Our Vision
 - 3 Our Core Values
 - 4 Background & Organization
 - 5 Core Activities
- 6 • Impetus for this Strategic Plan
- 7 • We Are Not Alone in our Efforts
- 8-23 • Goals, Objectives and Key Strategies
 - 8 Goal 1: Recreational Fishing
 - 12 Goal 2: Alaska's Habitat
 - 14 Goal 3: Public Involvement
 - 18 Goal 4: Staff Development
- 24 • Building the Plan



Alaska supports some of the best and most diverse recreational fishing opportunities in the world. Balancing the increased demand for these opportunities with the need to maintain these valuable resources at their current levels, or higher for future generations is an increasing challenge. It is one of the reasons we initiated this strategic planning effort last year.

The result is the plan contained in this document. We believe the elements contained in this plan will help guide our efforts in managing Alaska's recreational fisheries into the future.

I want to thank the staff and public that worked with us in developing this plan. Your efforts resulted in a better plan. Those of you reading this for the first time, please feel free to call me, or any employee of the Division of Sport Fish, with any questions you may have. As with any plan, this one will be modified as necessary to ensure that we are able to meet our mission.

I have faith we can sustain our fishery resources while enjoying the benefits of their use. I hope to see you out fishing with your family soon. These are truly wonderful fisheries – enjoy them responsibly to ensure that future generations have the same opportunities.

Happy angling,

A handwritten signature in dark ink, appearing to read "Kelly Hepler". The signature is written in a cursive, flowing style.

Kelly Hepler, Director
Division of Sport Fish

THE LEGAL FOUNDATION

The legal foundation for the Alaska Department of Fish and Game (ADF&G) is contained in Title 16 of the Alaska Statutes. The Fish and Game Regulatory Code is under Chapter 5 of this title. Inclusive in this code are the powers and functions of the department as well as the department's organizational and funding structures.

GUIDING PRINCIPLES

Seeking excellence in carrying out its responsibilities under state and federal law, the department will:

- Provide for the greatest long-term opportunities for people to use and enjoy Alaska's fish, wildlife, and habitat resources.
- Improve public accessibility to, and encourage active involvement by the public in, the department's decision-making processes.
- Build a working environment based on mutual trust and respect between the department and the public, and among department staff.
- Maintain the highest standards of scientific integrity and provide the most accurate and current information possible.
- Foster professionalism in department staff, promote innovative and creative resource management, and provide ongoing training and education for career development.

OUR MISSION

By law, the mission of the Alaska Department of Fish and Game is to protect, maintain, and improve the fish, game, and aquatic plant resources of the state, and manage their use and development in the best interest of the economy and the well-being of the people of the state, consistent with the sustained yield principle.



ABOUT THE
DIVISION OF SPORT FISH

OUR VISION

The Division of Sport Fish believes that sport fishing is a valuable component of the Alaska economy and contributes to the well-being of Alaskans. We will strive to realize the benefits associated with sport fishing by maintaining our leadership in fisheries management and research. Our management will be comprehensive, unified, and responsive with the goal of protecting our fisheries resources while providing diverse and dependable fishing opportunities. Our partnerships in this endeavor will encompass all stakeholders. We will promote the maintenance of habitat favorable for fish production, and will strive to resolve the jurisdictional issues of fisheries management. We will meet these challenges with a staff that is empowered, motivated, professional, and diverse of background. With these efforts we hope to promote mutual respect, understanding, and support between all stakeholders and ourselves.

OUR CORE VALUES

We believe:

- fish stocks and their habitats should be protected and managed for sustained yield;
- management should be based on scientifically sound resource assessment;
- in a diverse utilization of fishery resources;
- sport fishing activities have value and are socially and economically beneficial to the people of Alaska;
- in an informed and involved public based upon open and honest communication;
- that all Division staff are important, and in a diverse, dedicated, and motivated staff that exude professionalism; and,
- in having area offices and local or area-based management.

**OUR
MISSION**

By law, the mission
of the Division of
Sport Fish is to
protect and improve
the state's
recreational
fisheries resources.

BACKGROUND & ORGANIZATION

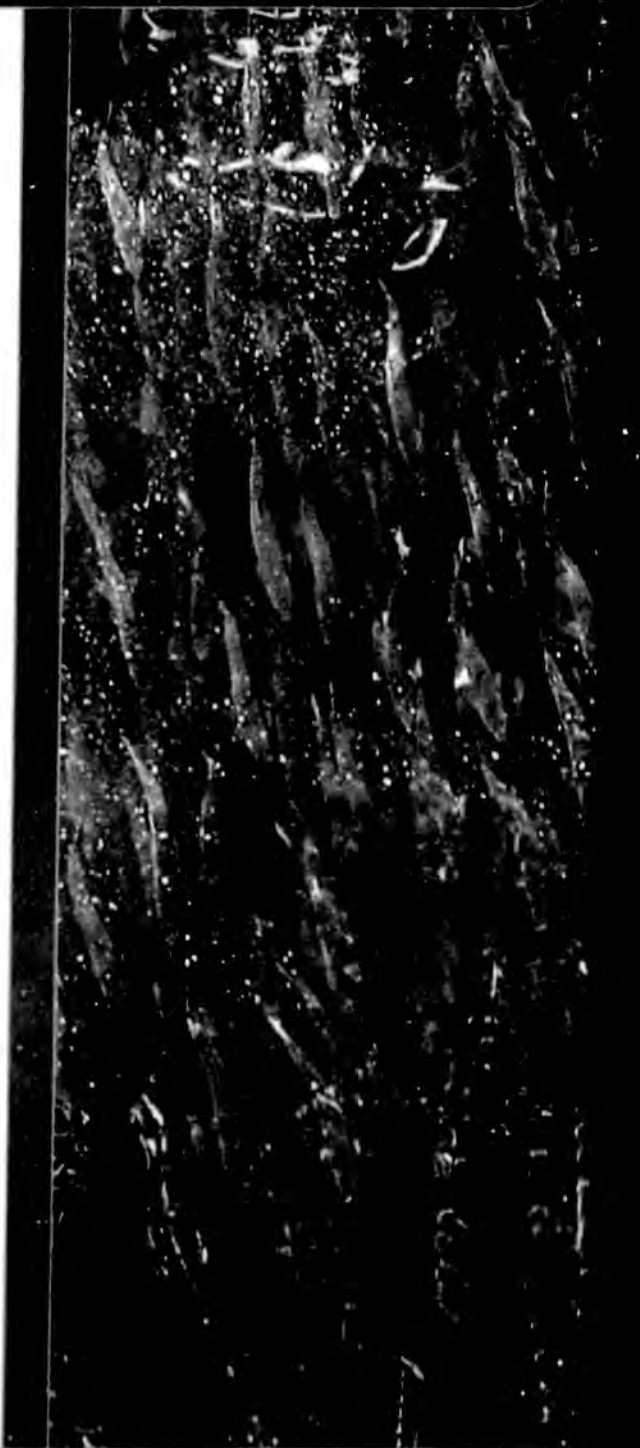
The Division of Sport Fish was established in 1951 as part of Alaska's territorial government to oversee Alaska's developing sport fisheries. Its creation coincided with the passage of the Dingle-Johnson Act, which gave states and territories funds to conduct scientific research related to recreational fisheries.

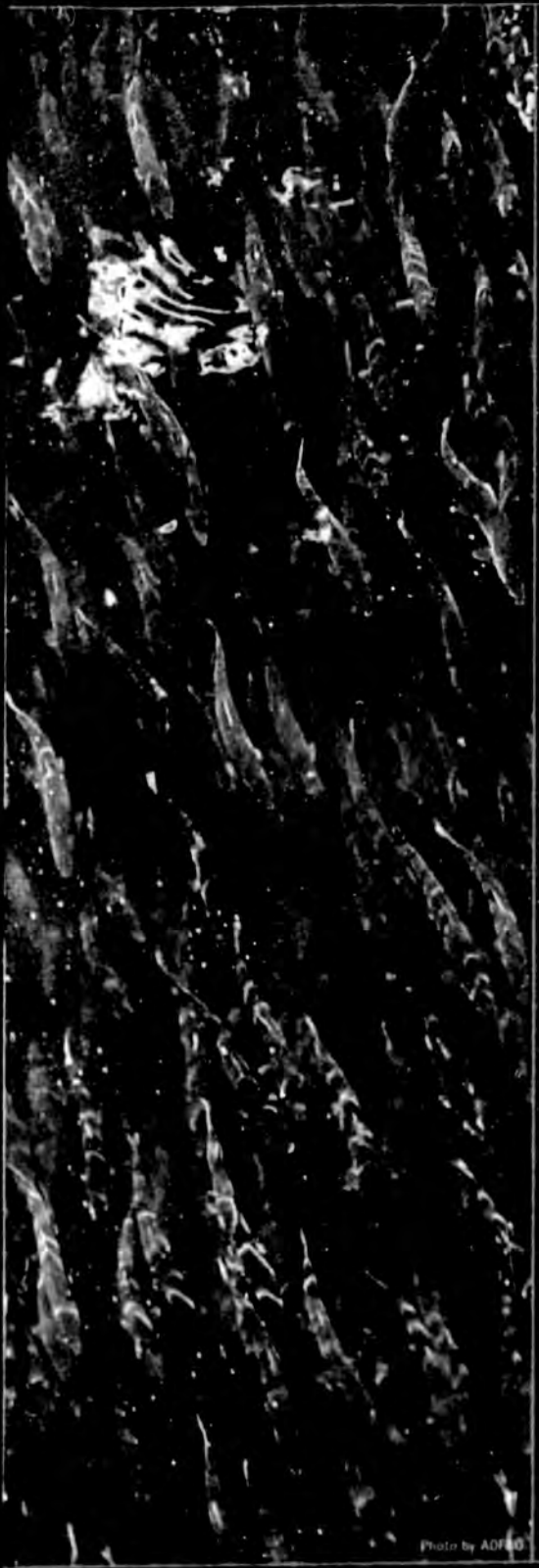
Today the Division of Sport Fish is responsible for oversight and management of Alaska's sport and personal use fisheries worth more than 500 million dollars annually.

The division has an annual budget of approximately \$30 million. Nearly all of the funds are derived from user-pay sources including the sale of fishing licenses, stamps, and sport fishing-related equipment and fuel. The primary funding sources are the state's Fish and Game Fund and the federal Sport Fish Restoration Program.

The division currently has a staff of 162 permanent full time employees and an additional 242 seasonal and temporary positions.

The division maintains Headquarters Offices in Juneau and Anchorage, a Southeast Alaska Regional (Region I) Office in Douglas, a Southcentral Regional (Region II) Office in Anchorage, an Interior Alaska Regional (Region III) Office in Fairbanks, and a Research and Technical Services Unit in Anchorage. Various area offices are located throughout Alaska within these regions to better serve the public.





CORE ACTIVITIES OF THE DIVISION OF SPORT FISH

To accomplish its mission the Division of Sport Fish has eight core activities:

Stock Assessment: The division regularly assesses fish populations that are the basis of our state's recreational and personal use fisheries to assure sustained yield from these fishery resources.

Management: The division develops fishery regulations and management plans in coordination with the Alaska Board of Fisheries and other regulatory boards to manage recreational and personal use fisheries within the context of sustained yields.

Hatchery Production: The division maintains three hatcheries that produce chinook salmon, coho salmon, rainbow trout, Arctic char, and Arctic grayling to provide additional and more diverse recreational fishing opportunities in a manner that does not affect wild stocks or their fisheries.

Access Development & Maintenance: The division builds, buys, leases, and maintains physical access to fisheries for the benefit of Alaska's recreational and personal use fishers.

Habitat Assessment: The division assesses the habitat needs and requirements of fish populations to maintain the productivity of these fishery resources.

Information & Education Services: The division supports an outreach program to inform and educate the public regarding sport fishing opportunities, regulations, and the life histories of fishes and their habitat needs.

Enforcement: The division assists in enforcement of state laws and regulations to assure orderly and legal recreational and personal use fisheries.

Planning & Survey: The division monitors the preferences of Alaska's public regarding the management of Alaska's recreational and personal use fisheries through strategic planning and surveys of public opinion.

IMPETUS FOR THIS PLAN

The division created a Leadership Team (DLT) in late 1998 composed of the division's primary supervisors. In June 1999, the DLT resolved to develop a strategic plan to provide direction for the division and its programs over the next five years (through 2007). The impetus for this effort was a desire to have a more coordinated approach to budgeting and planning of the division's management, research, and hatchery efforts. Recent changes in the division's budget and the difficulties in addressing monetary issues and decisions provided further momentum.

In December 1999, the DLT met at a retreat to discuss the strategic planning process and to identify key issues. At this retreat the team committed the division to the development of a strategic plan, and identified key issues facing the division. Discussions at this retreat formed the basis for this plan.

This strategic plan is a guiding document for the Division of Sport Fish. It highlights key issues currently facing the division and guides division leaders in their decision-making. We also use the plan to communicate internally as well as with our public about the most important issues facing the division and the management of Alaska's recreational fisheries.

We view this plan and its described strategic processes as an integral part of how the division will conduct business over the next five years. Issues and strategic directions will be added, deleted, or modified as necessary. Annual divisional and regional work plans and budget submissions will be linked to this plan based on regional needs and priorities.

Accountability is key to achieving the goals in the strategic plan. Therefore, outcomes are built into this plan and will be periodically monitored. Summary reports will be prepared periodically to track progress.

WE ARE NOT ALONE IN
OUR EFFORTS

This plan does not circumvent the allocative authority of the Alaska Board of Fisheries. In developing the plan, the division recognizes the role of the department and the Board in the management of Alaska's fishery resources. The role of the department is to manage fisheries in season, to provide background, biological and social information to the Board, and to serve as their staff and biological advisors. Through its deliberative process, the Board makes regulatory and allocation decisions.

The division realizes that it cannot accomplish its mission and goals without assistance from others. We form active partnerships with other divisions, as well as with other governmental and non-governmental groups, to achieve our goals. Under the State's Millennium Agreement, we acknowledge Alaska's tribes as governments and as partners.



DESIRED OUTCOMES

- Fisheries are sustained and wild stocks are conserved.
- Dependable and diverse recreational fishing opportunities are provided consistent with demand.
- Recreational fishing is recognized and supported as being an important element of Alaska's economy.
- Recreational fishing is recognized and supported as important to the lifestyle and culture of many Alaskans.
- Dialogue with other agencies, users, tribal entities, and stakeholders plays an integral role in sustaining recreational fishing opportunities.
- Social and economic benefits of recreational fishing are considered within the constraints provided by the appropriate regulatory authority.

RECREATIONAL FISHING

GOAL 1

- Sustain recreational fishing opportunities while optimizing social and economic benefits from these opportunities.

To sustain fisheries and conserve wild stocks with management based on scientifically sound assessments.

KEY STRATEGIES:

- Develop measurable and achievable management objectives based on sustained yield principles¹ that are consistent with Alaska's Constitution.
- Obtain and report information on the development, achievement, and evaluation of management objectives.
- Develop enforceable regulations and emergency orders to achieve management objectives utilizing all available information.
- Evaluate if regulations achieve management objectives.
- Manage fish and shellfish aquaculture² to preserve sustained yield from wild stocks.
- Manage populations of aquatic nuisance species³ to preserve sustained yield from wild stocks.

To assess and meet the demand for a variety of recreational fishing experiences.

KEY STRATEGIES:

- Determine the fishing opportunities sought by the angling public with regard to resident, anadromous, and marine fishes.
- Develop a wide range of fishing opportunities, recognizing the wide variation among anglers relative to income, age, experience, ability, and the kinds of opportunities they seek.
- Manage for the range (regulatory structure, quantity and/or quality of fish, and social conditions of the fishery) of recreational fishing experiences authorized by regulators.
- Provide regulators with management options that meet the demand for recreational fishing opportunities.
- Obtain and report participation in recreational fisheries.
- Publicize fishing opportunities.
- Enhance fisheries to meet demand, consistent with existing department policies.



Photo by Susan Pace



Photo by Tim McKinley

¹ Sustained yield is an output of renewable resources that does not impair the productivity of the resource; it implies a balance between removal through the activities of the fishery and replenishment through incremental growth and/or recruitment of the stock. The sustained yield principle is one of the fundamental elements of dependable recreational fisheries in Alaska. The department has a statutory responsibility to manage the use of wild fish stocks for sustained yield (AS 16.05.730(a)). Scientifically based assessments of wild stocks are the foundation of the sustained yield principle.

² Aquaculture includes any fish or shellfish production in fresh or marine water.

³ Aquatic nuisance species are fish, animals, or plants that are both nonnative to a particular ecosystem and whose introduction causes or is likely to cause economic or environmental harm or harm to human health.

To support effectiveness of management measures by increasing compliance with laws and regulations.

KEY STRATEGIES:

- Improve liaison between ADF&G and the Department of Public Safety, Division of Fish and Wildlife Protection in prosecuting violators.
- Improve the level of law enforcement training to ADF&G employees.
- Increase visible presence of ADF&G employees in the field where violations are likely to occur.
- Increase compliance by providing the public with effective education and guidance as required.
- Encourage public "peer pressure" among anglers to increase compliance with regulations.
- Issue citations for serious violations.

To promote partnerships with other agencies, users, tribal entities, and other stakeholders to sustain Alaska's fisheries resources.

KEY STRATEGIES:

- Identify issues that threaten sustainability.
- Support regular communications (phone contacts, meetings, etc.) with stakeholders to discuss management and research activities.



Photo by ADF&G

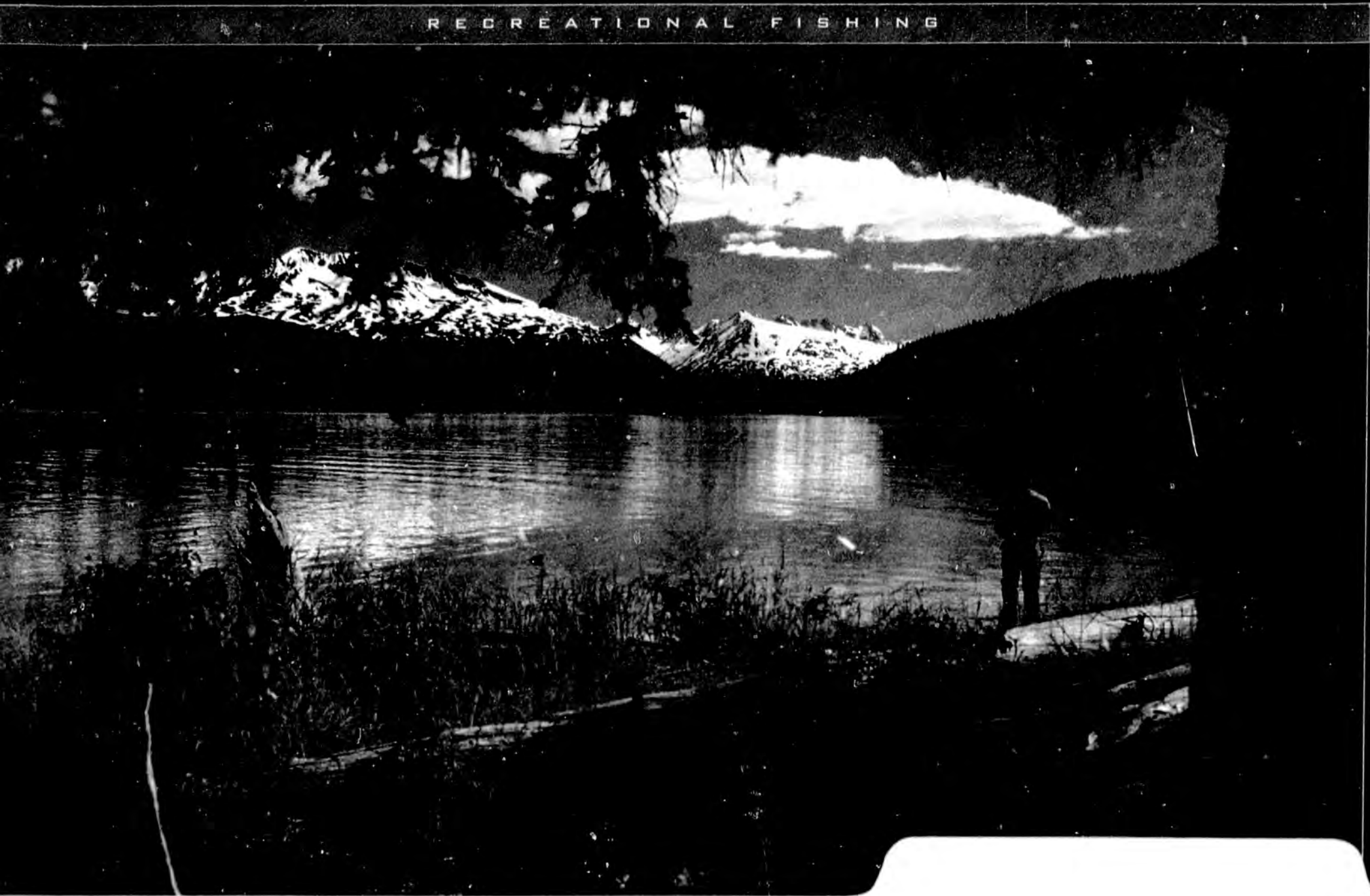
To consider social and economic aspects of management options designed to sustain recreational fishing opportunities.

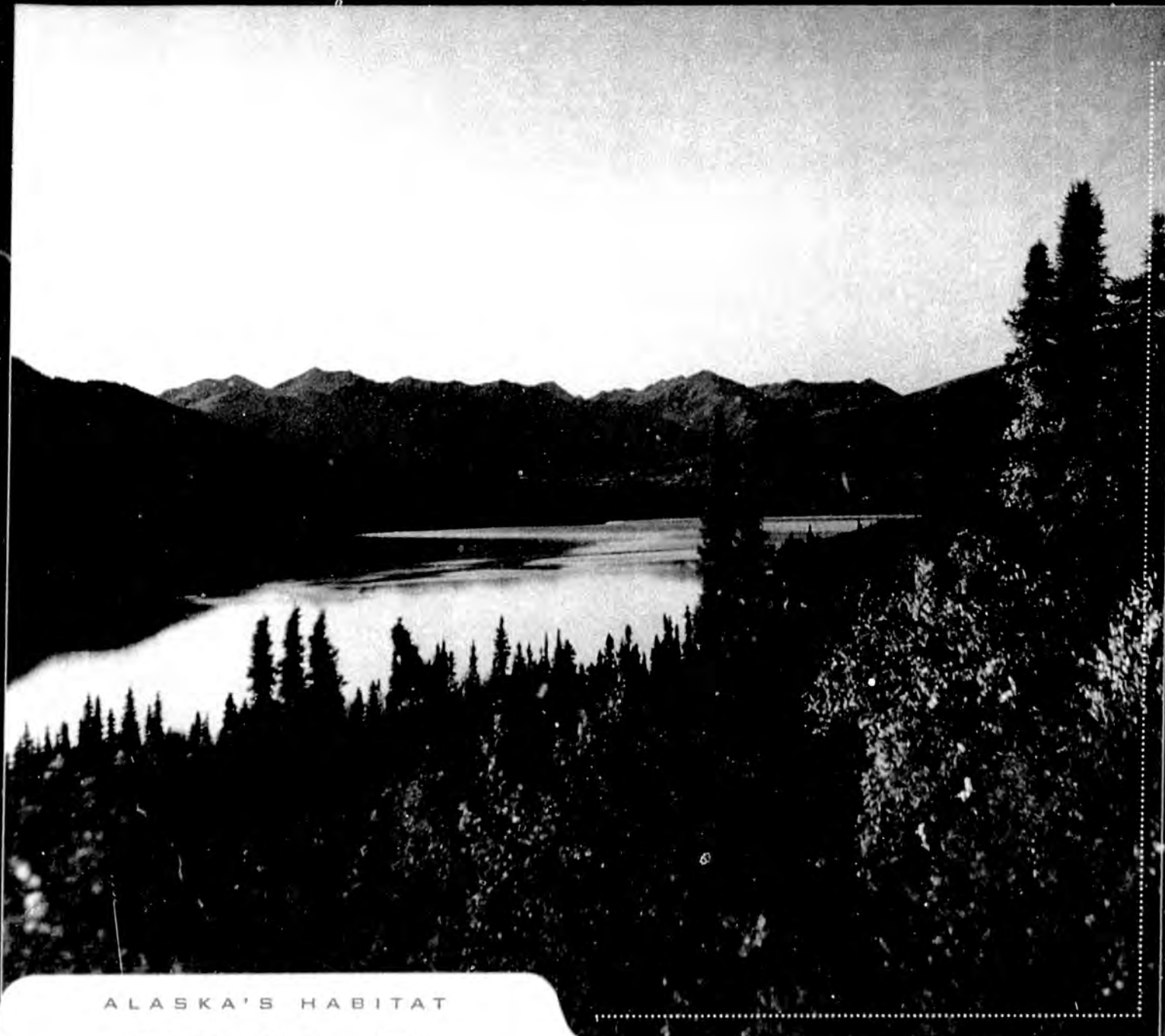
KEY STRATEGIES:

- Periodically obtain and report measures of the economic aspects of recreational fishing.
- Periodically obtain and report measures of the social aspects of recreational fishing.
- Provide regulators with social and economic assessments of management options under consideration.



Photo by ADF&G





ALASKA'S HABITAT

GOAL 2

- Conserve⁴, manage, and improve Alaska's aquatic⁵, riparian⁶, and upland habitats to ensure sustainability of Alaska's fishery resources.

DESIRED OUTCOMES

- Management practices conserve the structures and functions of aquatic, riparian, and upland habitats.
- Policies, regulations, and laws conserve Alaska's aquatic, riparian and upland habitats.
- Degraded aquatic, riparian, and upland habitats are restored where practical.
- Management practices are based on scientifically sound assessments.
- Social and economic benefits and needs are balanced with the effects to aquatic, riparian, and upland habitats.

To manage public access to fisheries such that the immediate and cumulative impacts to aquatic, riparian, and upland habitats are minimized.

KEY STRATEGIES:

- Develop and/or review criteria to evaluate the compatibility of public access to fisheries with the aquatic, riparian, and upland habitats they affect.
- Identify and prioritize habitats at risk to impacts from fisheries.
- Review proposed access sites to determine impacts to habitat.
- Fix problems at existing public access sites where significant damage to habitat has occurred.
- Inform and educate the public about responsible fishing practices that minimize impacts to habitat.
- Develop and support partnerships with other governmental and non-governmental organizations to address responsible public access to fisheries.
- Review and/or develop policies and regulations, and provide advice on laws to promote responsible public access to fisheries.

* Conserve is defined as the wise use of the resource.

⁵ Aquatic habitat includes both freshwater and marine habitats.

⁶ Riparian refers to the habitat directly adjacent to a body of water.

To manage aquaculture to minimize the immediate and cumulative impacts to aquatic, riparian, and upland habitats.

KEY STRATEGIES:

- Assess immediate and cumulative impacts to habitat from existing aquaculture facilities operated by the division.
- Inform and educate the public about responsible aquaculture practices.
- Develop and support partnerships with other governmental and non-governmental organizations to minimize the habitat impacts from aquaculture facilities not operated by the division.
- Review and/or develop aquaculture policies and regulations, and provide advice on laws to ensure effective and responsible aquaculture.



Photo by ADF&G

To protect Alaska's aquatic, riparian, and upland habitats from aquatic nuisance species.

KEY STRATEGIES:

- Develop and/or review criteria to evaluate the impacts of aquatic nuisance species.
- Identify and prioritize habitats at risk from aquatic nuisance species.
- Review existing and proposed management practices for aquatic nuisance species.
- Eliminate or minimize present populations of aquatic nuisance species where practical.
- Inform and educate the public regarding issues concerning aquatic nuisance species.
- Develop and support partnerships with other governmental and non-governmental organizations to address issues about aquatic nuisance species.
- Review and/or develop policies and regulations, and provide advice on laws to protect Alaska's habitat from aquatic nuisance species.



OBJECTIVE D:

To minimize immediate and cumulative impacts of land and water development to aquatic, riparian, and upland habitats.

KEY STRATEGIES:

- Identify and prioritize habitats at risk or currently impaired.
- Review and monitor proposed and existing land and water development projects.
- Review and comment on mitigation associated with land and water development.
- Inform and educate the public regarding responsible land and water development.
- Develop and support partnerships with other governmental and non-governmental organizations to implement responsible land and water development.
- Review and/or develop policies and regulations, and provide advice on laws to ensure responsible land and water development.
- Partner with the Habitat and Restoration Division and other state agencies to provide input into permit reviews by the department.

OBJECTIVE E:

To ensure sufficient water quantity and quality necessary to sustain aquatic, riparian, and upland habitats.

KEY STRATEGIES:

- Develop and/or review criteria on the quantity and quality of water needed to sustain fish, wildlife and vegetation.
- Identify and prioritize water bodies that need protection or restoration.
- Review and monitor proposed and existing water use projects.
- Review and comment on mitigation associated with water uses.
- Inform and educate the public regarding responsible water uses.
- Develop and support partnerships with other governmental and non-governmental organizations to promote responsible use of water.
- Review and/or develop policies and regulations, and provide advice on laws to ensure sufficient water quantity and quality necessary to sustain habitats and fisheries.

OBJECTIVE F:

To develop and/or conduct scientifically sound research projects to better understand the relationships among fish, their habitats, and fishing in both fresh and marine waters.

KEY STRATEGIES:

- Identify, review, and prioritize research needs.
- Develop and implement research programs to assess the relationships between fish production and associated habitats.
- Inform and educate the public about the results of research projects and the benefits of scientifically sound research.
- Develop and support partnerships with other governmental and non-governmental organizations to foster and conduct sound scientific research.



OBJECTIVE B1

To develop a management strategy for non-game populations⁷ and their associated habitats.

KEY STRATEGIES:

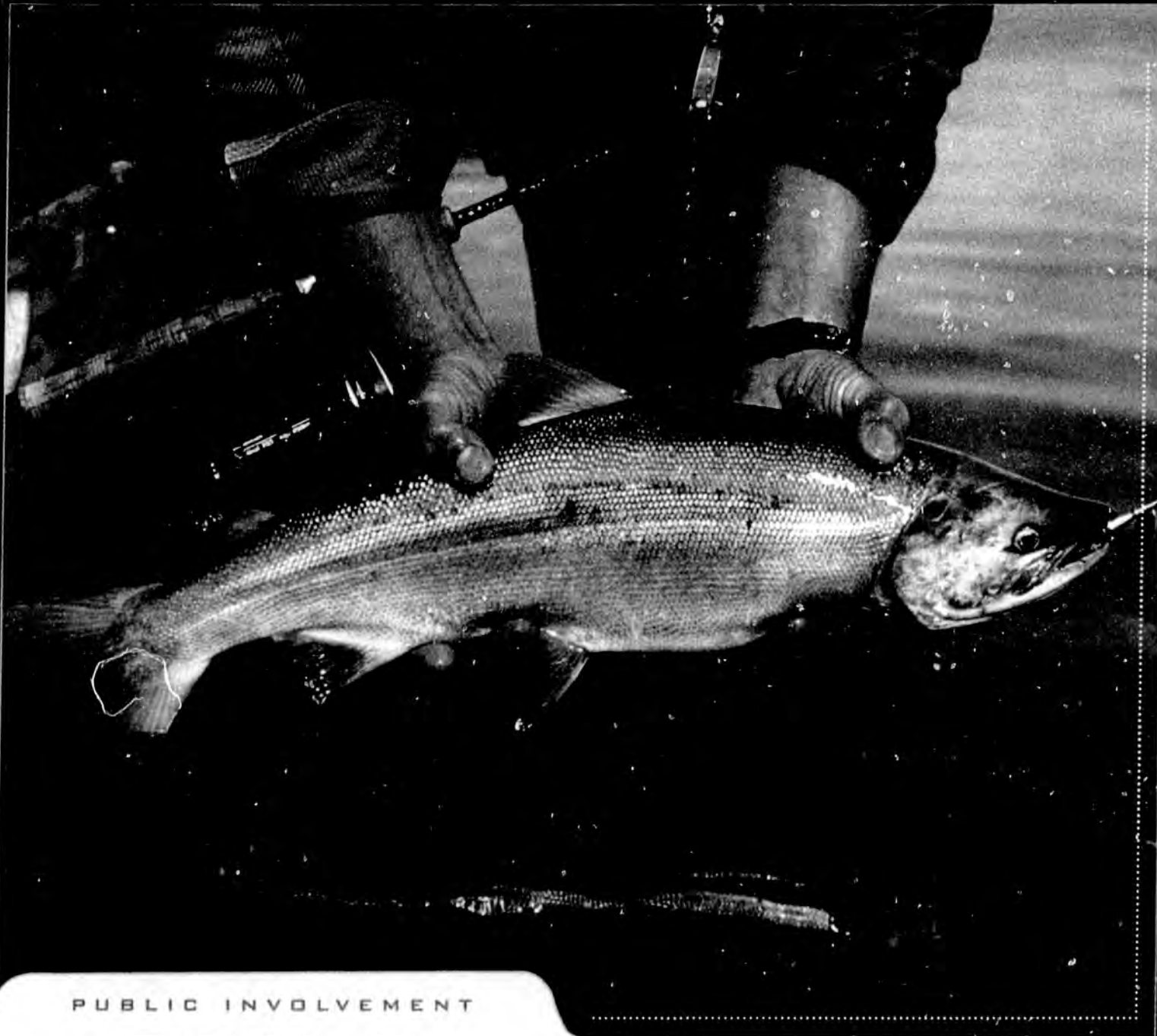
- Identify key non-game populations.
- Conduct inventory assessment to identify the distribution of identified non-game populations.
- Assess and define habitat critical to key non-game populations.
- Identify non-game populations and their associated habitats that may be at risk.
- Develop a comprehensive non-game management plan for populations identified as at risk.
- Develop and support partnerships with other governmental and non-governmental organizations to manage non-game populations.



⁷Non-game populations may be comprised of aquatic finfish, invertebrates or amphibians at any stage of their life cycle.



Photo by Jeff Nichols



DESIRED OUTCOMES

- A public that is well-informed and knowledgeable about issues related to recreational fishing in Alaska.
- A public that is effectively involved with issues concerning recreational fishing in Alaska.
- A broad base of public and political support for the department and division's mission.
- A public that understands the value of the resources that support recreational fishing in Alaska, and that understands the needs required to ensure their sustainability.
- A public that consistently recognizes that their input has been heard, understood, and considered in management decisions.

PUBLIC INVOLVEMENT

GOAL 3

- Foster a public that is consistently informed and involved in recreational fisheries.

OBJECTIVE A:

Educate Alaskans of all ages about stewardship and about the value of sustaining Alaska's fishery resources.

KEY STRATEGIES:

- Implement a primary and secondary curriculum focused on stewardship.
- Conduct seminars focused on stewardship.
- Regularly identify and prioritize issues related to stewardship.
- Implement ongoing communications focused on stewardship.



Photo by Dave Knudsen

OBJECTIVE B:

To inform anglers of opportunities to participate in Alaska's recreational fisheries.

KEY STRATEGIES:

- Develop and update pamphlets detailing recreational fishing opportunities.
- Conduct, in partnership with other organizations, kids and family fishing "days" aimed at developing the skills, knowledge, and attitudes needed to be responsible anglers and stewards.
- Evaluate constraints on fishing participation and develop approaches for addressing management related constraints.
- Develop and implement an information-based approach to meet the demand for sport fishing opportunity.
- Partner with various organizations to publicize opportunities, facilities, and equipment available for disabled anglers.



Photo by ADF&G

OBJECTIVE C:

Inform and involve the public to ensure management decisions are generally understood and accepted.

KEY STRATEGIES:

- Establish principles and guidelines for public involvement.
- Foster an improved understanding of the value and techniques of public involvement among division management and leadership staff.
- Regularly identify and evaluate the significance of emerging issues.
- Develop action plans to address controversial management issues.
- Foster an improved understanding of regulatory processes.
- Monitor our effectiveness in involving and informing the public.



Photo by ADF&G