

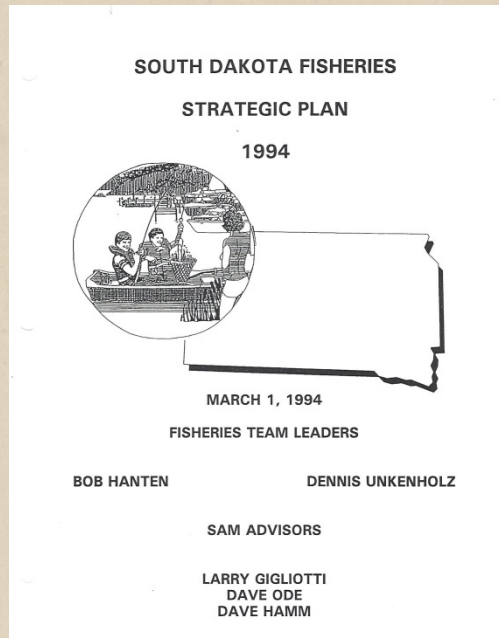


Statewide Fisheries Programs 2019-2023 Plan Revisions

Fisheries Adaptive Management System



- First planning system since 1994 SAM plan
- Strategic Plan



Fisheries and Aquatic Resources Adaptive Management System

2014 - 2018

Statewide Strategic Plan Components

South Dakota Game, Fish and Parks
Wildlife Division



Statewide Components Work Group

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Formally adopted by GFP Commission: April 4, 2014



Statewide Fisheries Plan

West River Plan

East River Plan

Black Hills Plan

Missouri River Plan

Reservoirs Plan

Francis Case Plan

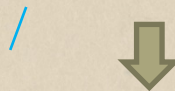
Streams Plan

Oahe Plan

AIS Plan

Sharpe Plan

Lewis and Clark Plan



Statewide Programs

- Fish and Angler Surveys
- Fisheries Research
- Fishing Access
- **Habitat Management**
- Non-Game Management



- Fish Production/Stocking
- Bait/Private Aquaculture
- **Aquatic Invasive Species**
- Fish Health, Contaminants

2014-2018

Accomplishment Highlights



Statewide Program Plans

1. Overall program oversight and direction.
2. Objectives have a strong focus on process development, improving effectiveness, etc.
3. More about how we do things than individual projects.



2014-2018 Accomplishments



- 9 statewide programs
- 17 goals
- 49 objectives
- 169 strategies

Accomplishment of Objectives

- 31 completed/continuing (63%)
- 10 partially completed (20%)
- 4 not completed (8%)
- 4 removed (8%)

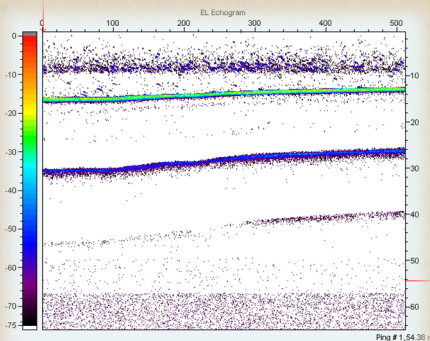


2014-2018

Accomplishment Highlights

Surveys

1. Data management system implemented.
2. Progress on survey standardization.
3. Reduction in number of standard surveys.



2014-2018

Accomplishment Highlights



Research

1. Research review committee was organized to review new project proposals.
2. The number of peer-reviewed publications by staff has increased.
3. Dissemination of research results has increased.



2014-2018 Accomplishment Highlights

Fish Habitat



1. Ten shoreline restoration projects were completed.
2. A stand-alone fish habitat plan is nearing completion.
3. Numerous habitat improvement projects in streams, impoundments, and natural lakes were completed.



2014-2018

Accomplishment Highlights



Fishing Access

1. Information on access suitability and needs was collected during angler surveys.
2. An interactive fishing access map was developed and is continually updated.
3. A new design for floating fishing piers was developed.



2014-2018

Accomplishment Highlights



Fish Production

1. The fish stocking database was incorporated into the new fisheries data management system.
2. A process for prioritizing hatchery research was implemented.
3. A hatchery infrastructure needs assessment is being conducted.



~ © Markus Erk ~

2014-2018

Accomplishment Highlights

Nongame Aquatic Species



1. Status of rare species was reviewed and revised and will now occur at regular intervals.
2. A *Fishes of South Dakota* poster was created and a comprehensive book on South Dakota fishes is nearing completion.
3. Statewide mussel surveys were conducted.



2014-2018

Accomplishment Highlights

Bait and Private Aquaculture

1. Specific and measurable criteria for use during hatchery inspections were included in the fish health manual.



2014-2018

Accomplishment Highlights



Aquatic Invasive Species

1. A GFP Aquatic Invasive Species Management Plan was adopted by the Commission in 2016.
2. Annual AIS outreach and marketing campaigns to increase awareness and compliance were conducted.
3. Changes to AIS regulations were made to address new issues identified.



2014-2018

Accomplishment Highlights

Fish Health and Contaminants



1. A Fish Health manual was completed in 2016.
2. Implemented annual fish health sampling of priority waters for spawning and trap and transfer activities.



2019-2023 Plan

- Reducing redundancy with other plans
- Fewer objectives
- List of highest priorities
- Stand-alone AIS and Habitat plans
- Review of 2014-2018 accomplishments



Fisheries and Aquatic Resources Adaptive Management System



2019-2023

Statewide Strategic Plan Components

South Dakota Game, Fish and Parks
Wildlife Division



Formally adopted by GFP Commission: January XX, XXXX

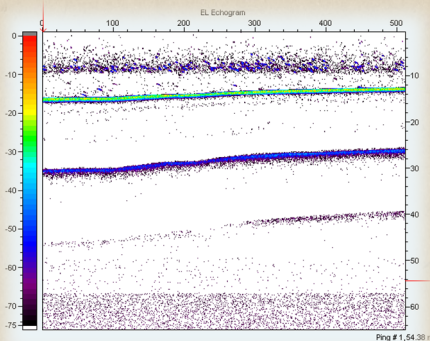
2019-2023

Selected Objectives

Surveys



1. Completing standardization of fish survey protocols for game and nongame species.
2. Develop and implement more efficient creel survey methods.



2019-2023

Selected Objectives

Research



1. Annually complete at least five research projects to address management objectives.
2. Improve information dissemination and staff training opportunities.



2019-2023 Selected Objectives



Fishing Access

1. Utilize updated demographic information to prioritize fishing access projects.
2. Annually modify one boat launch facility to facilitate loading wheel chairs into boats.
3. Improve shore fishing access at five rip-rap areas.



2019-2023

Selected Objectives

Fish Production



1. Identify hatchery infrastructure and maintenance needs.
2. Develop procedures to ensure hatchery operations do not contribute to the spread of AIS.
3. Research ways to increase hatchery rearing efficiencies, post-stocking survival, and angler satisfaction.



~ © Markus Erk ~

2019-2023

Selected Objectives

Nongame

1. Develop, prioritize and implement standard surveys for rare species.
2. Improve coordination amongst natural resource management agencies and other partners.
3. Identify and obtain alternative funding sources.



2019-2023

Selected Objectives

Bait and Private Aquaculture

1. Move to electronic reporting for license holders to facilitate creation of annual reports.
2. Further develop inspection criteria for private hatchery facilities.



2019-2023

Selected Objectives

Fish Health and Contaminants



1. Update the Fish Health manual as needed.



2019-2023

Top Priorities



- Identifying and addressing hatchery infrastructure maintenance and fish rearing expansion needs.
- Implementation of the aquatic habitat plan.
- Establishment of standardized statewide fish sampling protocols.
- Continue to improve utility of the data management system, especially for creel surveys.



Fisheries Management Area Plan Revisions

Fisheries and Aquatic Resources Adaptive Management System

2014-2018

Missouri River Fisheries Management Area
South Dakota Game, Fish and Parks
Wildlife Division



Chris Longhenry, Co-Chair
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Formally adopted by GFP Commission: April 4, 2014

Fisheries and Aquatic Resources Adaptive Management System

2014-2018

East River Fisheries Management Area
Strategic Plan

South Dakota Game, Fish and Parks
Wildlife Division



Dave Lucchesi, Co-Chair
Brian Blackwell, Co-Chair
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Katie Bertrand
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Formally adopted by GFP Commission: April 4, 2014

Fisheries and Aquatic Resources Adaptive Management System

2014-2018

West River Fisheries Management Area
Strategic Plan
South Dakota Game, Fish and Parks
Wildlife Division



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Formally adopted by GFP Commission: April 4, 2014



2019-2023

Plan Implementation



2019 Fisheries and Aquatic Resources Overall Plan Priorities

#	Department Priorities	
	Goal	Priority
I	Opportunity	Implement field staff portion of fishing access fiscal process
II	Opportunity	Urban and community fisheries development
III	Resource	Reduce overlap in BHFMA plans and subplans during plan revisions
#	Statewide Fisheries Program Priorities	
	Program	Priority
1	Habitat	Habitat plan development
2	Nongame	Nongame fish survey development/standardization
3	Fish Production	Increase coldwater fish production capacity
4		
etc		
#	Fisheries Management Area Priorities	
	FMA	Priority
A		
B		
D		
E		
etc		

2019-2023



For: Rapid City Office

[illegible]



Statewide Fisheries Plan

West River Plan

Black Hills Plan

Reservoirs Plan

Streams Plan

Missouri River Plan

Francis Case Plan

Oahe Plan

Sharpe Plan

Lewis and Clark Plan

Northeast Plan

Southeast Plan