Statewide Fisheries Programs
2019-2023 Plan Revisions
Fisheries Adaptive Management System

- First planning system since 1994 SAM plan
- Strategic Plan
Statewide Fisheries Plan

- West River Plan
  - Black Hills Plan
    - Reservoirs Plan
    - Streams Plan
  - East River Plan
    - Missouri River Plan
      - Francis Case Plan
      - Oahe Plan
      - Sharpe Plan
      - Lewis and Clark Plan

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  - 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.
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
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.
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.
## 2019 Fisheries and Aquatic Resources

### Overall Plan Priorities

<table>
<thead>
<tr>
<th>#</th>
<th>Department Priorities</th>
<th>Priority</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Goal</td>
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<tr>
<td>I</td>
<td>Opportunity</td>
<td>Implement field staff portion of fishing access fiscal process</td>
</tr>
<tr>
<td>II</td>
<td>Opportunity</td>
<td>Urban and community fisheries development</td>
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<tr>
<td>III</td>
<td>Resource</td>
<td>Reduce overlap in BHFWA plans and subplans during plan revisions</td>
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### Statewide Fisheries Program Priorities

<table>
<thead>
<tr>
<th>#</th>
<th>Program</th>
<th>Priority</th>
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<tbody>
<tr>
<td>1</td>
<td>Habitat</td>
<td>Habitat plan development</td>
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<tr>
<td>2</td>
<td>Nongame</td>
<td>Nongame fish survey development/standardization</td>
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<tr>
<td>3</td>
<td>Fish Production</td>
<td>Increase coldwater fish production capacity</td>
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<td>etc</td>
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### Fisheries Management Area Priorities

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<th>FMA</th>
<th>Priority</th>
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2019-2023 Plan Implementation

2019 Fisheries and Aquatic Resources - Area Priorities
For: Rapid City Office

<table>
<thead>
<tr>
<th>Objectives and Strategies to be Specifically Addressed:</th>
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<tbody>
<tr>
<td>Department Plan</td>
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<tr>
<td>Statewide Program</td>
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<tr>
<td>Fisheries Management</td>
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Statewide Fisheries Plan

Black Hills Plan

Reservoirs Plan

Streams Plan

West River Plan

Missouri River Plan

Francis Case Plan

Oahe Plan

Sharpe Plan

Lewis and Clark Plan

Northeast Plan

Southeast Plan

Dept. Plan