Science and Data Committee Report

• Status of 2018 Priorities

• Proposed 2019 Priorities

Gary E. Whelan  
SDC Science and Data Committee  
Co-Chair  
NFHP Board Meeting  

October 2018
2018 Priorities

- Ensure the functions of the Board’s Science and Data Committee and provide outreach on Board work (Priority L).
- Planning and Initiation of Future Assessment Work (Priority N).
- National Project Tracking Database Development (Priority O)
- Maintaining and improving the NFHP Data System (Priority P).
SDC Functioning and Outreach on Board Science and Data Work (Priority L)

- Ensured SDC was informed on Board and FHP work through email and conference calls.
  - Two conference call conducted and numerous emails on Board efforts.
- Working to update SDC Membership.
- Working to fill current SDC Co-Chair position.
- Provided outreach presentations at NAFWC, AFWA, AFS (2), and USEPA staff.
- AFS Book Chapter in review on National Assessment Strategy.
- Met with USEPA staff at AFWA.
Planning and Initiation of Future Assessment Work (Priority N)

- Board approved Assessment Direction in June 2017
  - Inland – Update with current layers and add connectivity and hydrology
    - No progress as funding was not available.
  - Great Lakes – Spatial system, habitat classification and fish response to habitat analysis.
    - Progress continues on the GLAHF
  - Coastal – No changes to 2015 Assessment, regional assessments based on EFH constructs.
    - NE – Progress continues in all areas - MAFMC
    - West Coast – Progress continues in all areas
    - NOAA continues to support efforts
NFHP Project Tracking Database-PSMFC (Priority O)

- Data exchange between Board, FHPs, and all partners
- Data system planning and development
  - Data input complete for 2014-2016, mostly for 2017, and in progress for 2018
  - Focus on standard and custom reporting
    - Project summaries for Board meeting
    - Auto generated reports for USFWS and Board needs
- Georeferencing project sites
- National project map is available
NFHP Project Tracking Database - PSMFC (Priority O)

- Improved web map service
- Data system allows direct inputs by FHPs with use of downloading USFWS datasets
- Funding
  - FY2018 – NOAA
  - FY2019 - MSG
GIS OUTPUT

75% of projects have location information
## Summary (2014-2016)

<table>
<thead>
<tr>
<th>Project Type</th>
<th>Count</th>
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<tbody>
<tr>
<td>Habitat Treatment</td>
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<tr>
<td>Planning and Coordination</td>
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<tr>
<td>Stream/Habitat Assessment</td>
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<tr>
<td>Monitoring</td>
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<td>Outreach and Education</td>
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<td>Research</td>
<td>8</td>
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<td>Engineering and Design</td>
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<td>Legal Protection</td>
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<tr>
<td>Land Acquisition</td>
<td>1</td>
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</table>
Maintaining and Improving NFHP Data System (Priority P) - USGS

- National Biogeographic Data System
- System maintenance and hosting
- Added new datasets for downloading
- Dynamic querying for FHP and state level
2019 Priorities

- Continue outreach efforts on all Board Science and Data efforts including the 2015 National Assessment
- Planning and Initiation of Future Assessment Work
  - **Budget need** - $160K for Inland Assessment and continued NOAA support for Coastal Assessments
- Continue work on National Project Tracking Database Development
  - Fully funded through MSG
- Maintaining and improving the NFHP Data System
  - **USGS in-kind support**
- Science and Data Committee operations
  - **Budget need** - $15K for SDC meeting and $12K for Chair support
- Develop FHP project evaluation standards
Thank You!

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Visit www.fishhabitat.org for more information
2019 Priorities

• 1 - Continue work on National Project Tracking Database Development – Fully funded
• 1 - Planning and Initiation of Future Assessment Work
  • Budget need - $160K Inland and Continued NOAA Support Coastal
• 2- Science and Data Committee operations
  • Budget need - $15K for SDC meeting and $12K for Chair support
  • Continue outreach efforts on the Board Science and Data products
• 2- Maintaining and improving the NFHP Data System
  • USGS in-kind support
• 3 - 4 - Develop evaluation standards for FHP projects
  • Budget need – SDC support