

# Fish Health Section



## FHS NEWS – December 2025

**Fish Health Section website:** <https://units.fisheries.org/fhs/>

**Fish Health Section Facebook Site:** <https://facebook.com/FishHealthSectionAFS>

**Fish Health Section on LinkedIn:** Please join our newest social media network at LinkedIn Login, Sign in or search for us and ask to join.

**Fish Health Section Twitter/X feed:** @AFSFishHealth

**Fish Health Section Fishbook Group:** <https://fishbook.fisheries.org/groups/fish-health-section/>

A new AFS networking platform now allows fisheries professionals to share and collaborate on research projects, as well as form networking groups. The Fisheries Collaboration Network, nicknamed Fishbook, is now open for all to create accounts. Upload your research projects in progress or even those still in the conceptual stage, receive comments and find collaborators. Check out the Fish Health Section Group.

**Now is the time to renew your AFS & FHS memberships.** To continue receiving the monthly newsletter, please renew your memberships in AFS and the FHS at <https://www.xcdsystem.com/afs/member/index.cfm>.



**Calling all artists to help create a new Fish Health Section logo!**

**We are excited to announce a Logo Design Contest to create a new visual identity for the Fish Health Section!** The logo is an emblem of the Section, as well as our membership. What better way to represent our members than to channel their talents and creativity to refresh our logo and the image we present to the world?

We're looking for a logo that speaks to the nature of our members' work as biologists, diagnosticians, researchers, aquaculturists, veterinarians, administrators, and others involved in the fish health field.

The contest is open to anyone with an interest in fish health, including members and nonmembers of the FHS. The logo must be original and created by the entrant.

Please see attached .pdf for more details.

## MEETINGS, WORKSHOPS & COURSES



# International Symposium on Aquatic Animal Health

American Fisheries Society  
Fish Health Section

Bodø, Norway  
21-25 September, 2026

## 10th International Symposium on Aquatic Animal Health (ISAAH)

*The Science and Practice of Fish Health and Welfare—From Physiology to the Farm*

September 21-25, 2026—Radisson Blu Hotel—Bodø, Norway

Website: <https://units.fisheries.org/fhs/isaah/>

Registration: <https://www.xcdsystem.com/afs/attendee/index.cfm?ID=amGUk78>

Join us for the 10th International Symposium on Aquatic Animal Health (ISAAH), the premier global forum for advancing the science and practice of aquatic animal health. The symposium brings together experts from academia, government, and industry to share new discoveries, innovative technologies, and practical solutions that promote the health and sustainability of aquatic animal populations.

The program will feature plenary sessions, symposia, technical presentations, workshops, and networking events designed to foster collaboration and inspire new approaches to fish health and welfare. For more information, please see attached .pdf.

## JOBS/GRADUATE ASSISTANTSHIPS

Fish Health Opportunity at the USGS - Western Fisheries Research Center

We are seeking a candidate for a short-term position to interface computer sciences with fish health diagnostics. The project will involve collaborations with fish biologists, quantitative biologists, and histopathologists to develop and train platforms that will aid in diagnosing and quantifying common

fish diseases. Specifically, this candidate will work collaboratively within the USGS Western Fisheries Research Center on a project that utilizes image analysis, machine learning, artificial intelligence, and / or software development to detect viral erythrocytic necrosis in fish blood smears. Secondary work will include performing other histological diagnoses. The ideal candidate will have experience and interests in computational biology with applications to fish disease diagnostics. To qualify, candidates must be enrolled in an existing M.S., Ph.D., or D.V.M. program or graduated within the past 12 months. The successful candidate will be an independent contractor with the USGS. Funding for this position is secured for 1 year. Interested candidates should email a brief letter of interest and curriculum vitae to Paul Hershberger by December 31, 2025. For other inquiries about the position, please contact [phershberger@usgs.gov](mailto:phershberger@usgs.gov).

### **Zebrafish Related Job Announcements**

<https://wiki.zfin.org/display/jobs/Zebrafish-Related+Job+Announcements>

## **RESOURCES/NEWS**

### **Aquatic Animal Drug Approval Partnership (AADAP) Updates are available by request:**

The AADAP Updates feature news on aquaculture drugs currently in the U.S. Food and Drug Administration (FDA) approval process, AADAP programmatic updates, and aquaculture drug use guidance information. If you would like to sign up to receive the AADAP Update, please email to be [paige\\_maskill@fws.gov](mailto:paige_maskill@fws.gov) added to our email listserv.



# REGISTRATION ANNOUNCEMENT

## 10<sup>th</sup> International Symposium on Aquatic Animal Health (ISAAH)

*The Science and Practice of Fish Health and Welfare—From Physiology to the Farm*

September 21-25, 2026—Radisson Blu Hotel—Bodø, Norway

**Website:** <https://units.fisheries.org/fhs/isaah/>

**Registration:** <https://www.xcdsystem.com/afs/attendee/index.cfm?ID=amGUk78>

---

### Welcome

Join us for the 10<sup>th</sup> International Symposium on Aquatic Animal Health (ISAAH), the premier global forum for advancing the science and practice of aquatic animal health. The symposium brings together experts from academia, government, and industry to share new discoveries, innovative technologies, and practical solutions that promote the health and sustainability of aquatic animal populations.

The program will feature **plenary sessions, symposia, technical presentations, workshops, and networking events** designed to foster collaboration and inspire new approaches to fish health and welfare.

---

### Conference Highlights

- **Scientific Program:** Cutting-edge sessions on aquatic animal welfare, disease management, nutrition, therapeutics, and biosecurity.
- **Keynote Speakers:** International experts offering insight into emerging issues and future directions.
- **Special Session and Workshops:** Thematic sessions on welfare assessment, environmental stressors, and sustainable production.
- **Poster and Student Sessions:** Opportunities for early-career scientists to showcase their work and connect with mentors.
- **Exhibition Space:** Industry partners showcasing products, services, and innovations in aquatic animal health.
- **Tours and Continuing Education:** Sharpen your skills and learn about the Norwegian aquaculture industry

- **Networking Events:** Welcome reception, poster socials, and the conference banquet.

## Registration Information

Online registration opens 15 December 2025—click [here](#) to register!

Early registration is encouraged—discounts apply through **[early-bird deadline]**.

Registration Category	Early	Regular
	(by 23 June 2026)	(after 23 June 2026)
Full Registration	4,000 NOK (US\$400)	4,500 NOK (US\$450)
Student Registration	3,000 NOK (US\$300)	3,000 NOK (US\$300)
One-Day Registration	2,000 NOK (US\$200)	2,250 NOK (US\$225)
Accompanying Guest (social events only)	3,500 NOK (US\$350)	3,500 NOK (US\$350)

### Full and student registration includes:

Access to all sessions, exhibit hall, conference materials, coffee breaks, meals, receptions, and the conference banquet.

### Guest registration includes:

Access to meals, receptions, and the conference banquet only.

Tickets for the **conference banquet only** may be purchased separately during registration.

## Hotel and Travel Information

The conference will be held at the **Radisson Blue Hotel**, located in the heart of Bodø, Norway, within walking distance of restaurants, attractions, and transportation.

**Bodø is a vibrant cultural hub in the Arctic**, a gateway to the north and all that it has to offer. Deeply connected to its **marine environs** and a **European Capital of Culture**, Bodø is at the crossroads of nature and metropolitan life. Whether it's fishing, hiking, Arctic

cuisine, indigenous culture, midnight sun or the northern lights, there is something to inspire everyone in Bodø.

Bodø is also home to the [Salmon Center](#), an interactive display center where you can learn about the Norwegian aquaculture industry and its importance to the local community.

**Conference Rate:** 1,290/1,490 NOK (US\$129-149) per night (single/double occupancy), includes breakfast

**Booking Deadline:** 23 June 2026 but attendees are encouraged to make their reservations early, as September is a busy month for tourism and business in Bodø! If necessary, reservations can be cancelled up to 7 days prior to arrival, so be sure to reserve your accommodations now!

To reserve your room:

- Make your reservation at the discounted rate directly using the Radisson Hotels ISAAH-10 [registration page](#).
- Or call +47 7551 9000 and mention “International Symposium on Aquatic Animal Health (ISAAH)” to receive the discounted rate.

#### Getting There:

- **Nearest Airport:** Bodo Airport (BOO)—1.7 km/1 mile from venue <https://www.avinor.no/en/airport/bodo/>
  - **Public Transportation:** <https://www.avinor.no/en/airport/bodo/info/public-transportation/>
  - **Taxi Service:** <https://www.avinor.no/en/airport/bodo/info/Taxi/>
- 

#### Important Dates

- **Special Session/Continuing Education/Workshops Proposal Submission Deadline:** 9 February 2026
  - **Abstract Submission Deadline:** 12 May 2026
  - **Early Registration Deadline:** 23 June 2026
  - **Hotel Reservation Deadline:** 23 June 2026
  - **Conference Dates:** 21-25 September, 2026
-

## **Sponsorship and Exhibition Opportunities**

Gain visibility and connect with aquatic health professionals by becoming a conference sponsor or exhibitor.

Details are available in the **Sponsorship Prospectus** available at <https://units.fisheries.org/fhs/isaah/>

---

## **Contact Information**

**Jesse Trushenski, Fish Health Section President**

**Email:** [jesse.trushenski@nordly.no](mailto:jesse.trushenski@nordly.no) (subject line: "ISAAH-10")

**Phone:** +1 618-559-9397 (voice/text/WhatsApp)

**Website:** <https://units.fisheries.org/fhs/isaah/>

Follow us on social media for updates:

[Facebook](#) | [Twitter/X](#) | [LinkedIn](#)

# Calling all artists to help create a new Fish Health Section logo!



- **We are excited to announce a Logo Design Contest to create a new visual identity for the Fish Health Section!** The logo is an emblem of the Section, as well as our membership. What better way to represent our members than to channel their talents and creativity to refresh our logo and the image we present to the world?
- We're looking for a logo that speaks to the nature of our members' work as biologists, diagnosticians, researchers, aquaculturists, veterinarians, administrators, and others involved in the fish health field.
- The contest is open to anyone with an interest in fish health, including members and nonmembers of the FHS. The logo must be original and created by the entrant.
- The design should be distinctive and easily recognizable across digital and print media. The design must also be consistent with AFS branding and incorporate the AFS logo as described in the attached AFS Branding Guide.
- Although the logo will primarily be used in a full-color format, it must be clear and appealing when reproduced in black and white. Submissions should include both full-color and black-and-white formats.
- If the logo is primarily vertical or horizontal in orientation, the submission should also include a version illustrating the opposite orientation. If the design does not have a particular orientation (e.g., it is square or circular), a single version is acceptable.
- Other than the AFS logo, the design must not use stock images, clip art, AI-generated images, or other content not created by the entrant.
- In addition to the design images, the submission must include a brief description (200 words or less) explaining the concept and how the images, colors, etc., represent the Fish Health Section and its membership.
- **To submit a design, email the images and description to President Jesse Trushenski at [jesse.trushenski@riverence.com](mailto:jesse.trushenski@riverence.com) with the subject line "FHS Logo Contest" no later than 15 February 2026.**
- All submissions will be evaluated by the FHS Executive Committee based on creativity, relevance, and visual impact. The creator of the selected design will receive special recognition in the FHS newsletter and have their AFS and FHS membership dues paid for by the FHS for 3 years.
- The selected design, with any needed modifications made in consultation with the creator, will become the official logo of the FHS and be used in all the Section's communications and materials.
- By submitting an entry, creators grant the FHS the full rights to use, modify, and reproduce the selected design for any official purpose. The selected design becomes the property of the FHS.

# Current FHS Logo



**American Fisheries Society**  
**Fish Health Section**

# Current AFS Logo

(note use of tag line is optional)



American Fisheries Society



American Fisheries Society



# Brand Guidelines

Follow these guidelines to create materials for internal and external communications and engagement



[www.fisheries.org](http://www.fisheries.org)

425 Barlow Place

Bethesda, MD 20814

(301) 897-8616

# Contents

About	3
Big Picture	4
Master Logo	5
Logo Variation	6
Color Palette	8
Typography	11
Specific Guidelines	12
Approval Process	14
Resources	15
Designer and Acknowledgements	18

# About

The American Fisheries Society has one connecting element within the society, and that is fish, yet as a society, we are a complex blend of disciplines, professions, and people. This is how the connections and complexities of who we are is depicted in our new logo.

The first prominent element of the new logo is a **fish**. It is a generic fish that is in motion—a nod to our science that is always moving forward toward better solutions.

The second element of the logo is the **water**. The power of water is seen in the environments it shapes. It also plays a central role in shaping the diverse array of perspectives, backgrounds, and vocations of all AFS members. Some of us specialize in water quality, several focus on climatic conditions, while still others specialize in data analysis. Whatever the focus, water connects the work of all of our members in some way.

The final element incorporated in the logo is color. Three distinct colors represent the extreme diversity of us as individuals within our community and of the ecosystems in which we work.



**A** **Freshwater Ecosystems:** The darker blue signifies the range of **freshwater** systems that include streams, rivers, reservoirs, lakes, and ponds.

**F** **Marine & Coastal Ecosystems:** The turquoise blue signifies the **saltwater environments** that span from the deep ocean to the transition zones of marshes and estuaries.

**S** **Habitats:** The green signifies the **connection of land to water** and the linkages within our aquatic system—from headwaters to rivers, from springs to lakes, from wetlands to deltas, from coral reefs to the deep ocean.

# Big Picture

- All units and subunits MUST incorporate the new AFS logo into their logo.
- AFS will provide original AFS art.
- Units can use the colored or black and white logo.
- Unit logos should use complimentary colors if using the colored logo.
- The Master Logo should not be manipulated in any way.



# Master Logo



American Fisheries Society

# Logo Variations



American Fisheries Society



American Fisheries Society



American Fisheries Society



American Fisheries Society

# Logo Variations

*Note: inclusion of the tagline is optional*



# No Tagline



# Color Palette



PANTONE 7691 C  
RGB 0 105 148  
HEX/HTML #006994  
CMYK 93 31 21 0



PANTONE 7703 C  
RGB 0 161 181  
HEX/HTML #00A185  
CMYK 75 2 24 0



PANTONE 7730 C  
RGB 71 142 88  
HEX/HTML #478E58  
CMYK 67 14 69 0



PANTONE 425 C  
RGB 95 93 92  
HEX/HTML #5F5D5  
CCMYK 0 0 0 60

# Complimentary Color Palette



PANTONE 7627 C  
RGB 148 43 0  
HEX/HTML #942B00  
CMYK 0 71 100 42



PANTONE 7622 C  
RGB 161 0 28  
HEX/HTML #A1001C  
CMYK 0 100 83 37



PANTONE 7664 C  
RGB 142 71 125  
HEX/HTML #8E477D  
CMYK 0 50 12 44



PANTONE 446 C  
RGB 80 82 95  
HEX/HTML #50525F  
CCMYK 16 14 0 63

# Example of Complimentary Color Palette

- *Other complimentary colors are acceptable*
- *Complimentary colors are not needed if using black and white AFS logo*



PANTONE 7664 C  
RGB 142 71 125  
HEX/HTML #8E477D  
CMYK 0 50 12 44



PANTONE 446 C  
RGB 80 82 95  
HEX/HTML #50525F  
CCMYK 16 14 0 63

# Typography for AFS Logo

- *Fonts of AFS logo should not be changed.*
- *Additional fonts can be used in overall logo, but please note that too many fonts is not recommended.*



American Fisheries Society

## Gabo Drive

abcdefghijklmnopqrstuvwxyz  
ABCDEFGHIJKLMNOPQRSTUVWXYZ  
1234567890.:;'"(!?)+\*!/=

## Arial Narrow

abcdefghijklmnopqrstuvwxyz  
ABCDEFGHIJKLMNOPQRSTUVWXYZ  
1234567890.:;'"(!?)+\*!/=

# Specific guidelines

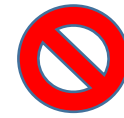
- Use AFS fonts for AFS logo. Minimize number of fonts in unit logos.
- Use AFS colors only for the AFS logo.
- Use AFS colors and complimentary colors for unit logo elements if using colored AFS logo.
- Preserve the AFS logo.
- AFS logo files can be found [here](#). Please do not pull images from websites or other media.

**Note that all unit and sub-unit logos MUST incorporate the AFS logo.**

# Preserve AFS logo



Maintain distance from AFS logo



Do not twist or distort the AFS logo



Do not overwrite the AFS logo with text or images



# Approval Process

- There is no approval process if all guidelines are followed.
- If you have creative exceptions, those can be submitted for approval.
- Historical logos can be kept next to AFS logo until the end of 2023.



- The Communications Committee understands that this isn't going happen overnight and we expect that units will need time to adopt the new logo. If you can't complete the transition by the end of 2023, please let us know.

Questions and exceptions should be sent to Beth Beard, [bbeard@fisheries.org](mailto:bbeard@fisheries.org) to be forwarded to the Communications Committee.

# Resources for creating your unit logo

- Tips for creating a good logo
- Examples

# Tips for creating a good logo

Your logo is the first thing that your members and others will see in many cases. You need to speak to that audience and convey who your unit is as an organization. It is important that the logo is meaningful.

Keep it simple. While a logo needs to be eye-catching and memorable, highly complex designs and numerous colors and fonts should be avoided. These can be difficult and expensive to reproduce clearly when the logo is small or appears on mugs or apparel.

Get social - think about how the logo will look on various social media platforms. For example, Twitter logos will be smaller and round.

# Examples of Acceptable New Logo Use

Before

...

After



# Designer and Acknowledgements

## Edy Santoso



A creative designer who has more than 20 years in the field of graphic design, animation, photography, audio and video editing.

Contact:

<https://99designs.com/profiles/978101>

Portfolio:

<https://99designs.com/profiles/978101>

<http://www.hatchwise.com/designer-smarttaste-13516>

<https://www.designhill.com/member/kangmasedy>

<https://www.freelancer.com/u/smarttaste.html>

## Thanks to...

Logo small group

Beth Beard

Julie Claussen

Julie DeFilippi Simpson

Brand guidelines small group

Zoe Almeida

Ron Essig

Kerry Flaherty-Walia

Julie DeFilippi Simpson

Special thanks to those that reviewed logo options including Governing Board members, staff, and officers, especially Brian Murphy. Additional thanks to those unit leaders that reviewed this guide: Abigail Archer, Lee Benaka, Sam Betances, Paul Kusnierz, Karen Murchie, Carolyn Richards, Melissa Wuellner, and Lauren Yancy.

# Contact Information

Questions, comments, and requests should be sent to Beth Beard,  
[bbeard@fisheries.org](mailto:bbeard@fisheries.org) to be forwarded to the Communications Committee.