

Symposia

AFS Sun Valley, ID

- Pollution and Toxicology, H.R. Preston
- Water Quality Concerns: Real or Perceived, R.H. Gray

1985

AFS Providence, RI

- Anoxia in Coastal Waters: How are Living Resources Affected? J.B. Pearce
- Impact and Physiological Fate of Environmental Contaminants in Fishes, R.E. Reinert
- Regional Applications of IBI for Use in Water Resources Management, D.L. Miller and R. M. Hughes
- Site-specific Water Quality Standards: Factors to Be Considered, G. Phillips

1986

Symposia

AFS Winston-Salem, NC

- Fish Tumors: Significance to Human and Fish Health, E.B. May
- Water Quality of Major North American River Systems, C.D. Becker and D.A. Neitzel

AFS Toronto, Ontario, Canada

- How Fish Respond to Contaminants in the Environment, D.D. Dauble and R.H. Gray
- Restoring Fisheries to Acidified Waters, R.W. Brocksen and J. Davis

1988

1989

1987

1988

Western Division AFS Albuquerque, NM

- Fisheries Technical Session: Contributed Papers, R.H. Gray

AFS Anchorage, AK

- Habitat Use: Contributed Papers, L.B. Starnes and D.J. Orth
- Water Quality: Contributed Papers, R.H. Gray

Symposia - 1989

- Conference on Acid Deposition Effects in the Mid-Atlantic States, Pittsburgh, PA. H.R. Preston
- 28th Hanford Symposium on Health and the Environment, Richland, WA
 - Environmental Monitoring, Restoration and Assessment: What Have We Learned? R.H. Gray (co-sponsored with U.S. Department of Energy and Battelle Pacific Northwest Laboratories)
- Midwest Fish & Wildlife Conference, Springfield, IL
 - Management of Contaminated Urban Fisheries, R.J. DiStefano and P.C. Bauman

Symposia – 1990

AFS Pittsburgh, PA

- Contaminants in Fish, Q.J. Stober
- Fisheries and Water Statistics: Lost Opportunities Because of Inadequate Data, L.J. Hushak (co-sponsored with Socioeconomic Section)
- Land Use Practices, Fish Population Responses, Contaminants and Risk Assessment: Contributed Papers, D.E. Arnold
- Ohio River Biology, H.R. Preston (co-sponsored with U.S. Environmental Protection Agency)
- Water Quality and Aquatic Impacts: Contributed Papers, D.L. Parrish
- Zebra Mussel Ecology and Impacts, D.A. Neitzel

Symposia

AFS San Antonio, TX

- Damage Assessment: Oil Spills, Fisheries and Water Quality – Where Do We Stand? K.J. Foote and R.H. Gray (co-sponsored with Marine Fisheries Section)
- Fish Assemblages and Biological Criteria, P.M. Leonard and H.R. Preston (co-sponsored with U.S. Environmental Protection Agency)
- Salmonid Ecology and Management, M.G. Henry

1991

AFS Portland, OR

- Managing Contaminated Fisheries Resources with the Fish Consumption Advisory, Q.J. Stober

1993



Symposia

AFS Halifax, Nova Scotia

- Aquatic Contaminants and Water Quality: Contribution Papers, J.W. Meldrim
- Great Lakes Fisheries: Contributed Papers, C.M. Fetterolf

AFS Dearborn, MI

- Assessing the Sustainability and Ecological Integrity of Fish Assemblages through use of an Index of Biotic Integrity, R.M. Hughes and T.P. Simon (co-sponsored with U.S. Environmental Protection Agency and the AFS Oregon Chapter)
- That was Then, This is Now: Water Quality Issues for the Past 20 Years and into the Next Century, B.A. Knuth, R.H. Gray and Q.J. Stober

1995

1994

1996

AFS Tampa, FL

- Water Quality and Contaminants: Contributed Papers, J.W. Meldrim

Symposia

1997

- **AFS Monterey, CA**
 - Acoustic Technology: Contributed Papers, W.P. Saunders
 - Habitat and Water Quality: Contributed Papers, R.H. Gray
 - Trinity River Fisheries Restoration, D.A. Neitzel
 - Using Fish Assemblages to Assess Environmental Degredation at Landscape Scales, R.M. Hughes and M.R. Meador

1998

- **AFS Hartford, CT**

Instream Dredging and Aquatic Resources: Environmental Issues and Regulatory Processes, A. Layer and J. Schulte

 - The Relative Importance to Fish Assemblages of Catchment versus Riparian Conditions, R.M. Hughes

Symposia - 1999

AFS Charlotte, NC

- Human Dimensions: Contributed Papers, J. Westerlund and R.H. Gray
- Managing Fisheries Between Mountains and Oceans: The Challenge of Medium to Large Rivers in the Eastern United States, T.H Martin and C.P. Ferreri
- Water Quality: Contributed Papers, A. Bulger
- Water Quality, Harmful Algal Blooms (HABs) and the Fishery Resource, J.W. Meldrim
- **AFS Forum on Contaminants in Fish**, Alexandria, VA (co-sponsored with U.S. Environmental Protection Agency)

Symposia

AFS St. Louis, MO

- Habitat and Water Quality of Lentic Environments: Contributed Papers, T.L. Galarowicz
- Habitat and Water Quality of Lotic Environments: Contributed Papers, W.G. Franzin,
- Reflections on Forest Management: Can Fish & Fiber Coexist?, N.H. Ringler, T.W. Cundy, C.H. Luce, and C.A. Dolloff

AFS Baltimore, MD

- Habitat: Contributed Papers, R.H. Gray

2001

2000

2002

AFS Phoenix, AZ

- Habitat and Water Quality: Contributed Papers, R.H. Gray
- Water and Habitat Quality in the Arid Southwest, R.H. Gray

Symposia

2003

AFS Quebec City, Quebec, Canada

- Habitat and Water Quality: Contributed Papers, J. Magee, S. Shepard, and M-F. Dalcourt
- The Effects of Urbanization on Aquatic Ecosystems, L.R. Brown, R.M. Hughes, R.H. Gray, and M.R. Meador
- Worldwide Decline in Fish Assemblages; Fish-Based Indices as Assessment Tools. N. La Violette and R.M. Hughes

2005

AFS Anchorage, AK

- Connections Between Economic Growth and Fish Conservation, B. Czech and R. M. Hughes
- Habitat and Water Quality, A. Puffer and D. Martin.
- Habitat – What is it, How is it Measured, and How Do Fish Assemblages Respond to it? L. Reynolds and R. M. Hughes
- Promoting Aquatic Stewardship: Activities and Outcomes, B. Knuth, W. Siemer, A. Loftus and C. Richardson

AFS Madison, WI

- Habitat and Water Quality, M. Williams and J. Bode
- Heartland and Habitat: The Role of Agriculture in Aquatic Systems, G. Habron and G. Lampman (co-sponsored with Michigan State University)
- Influences of Landscape on Stream Habitat and Biological Communities, L. Wang, R. M. Hughes, and J. Lyons

2004

Symposia

AFS Lake Placid, NY

- Habitat and Water Quality: Contributed Papers, C. Hayer, R. H. Gray, M. Quist and M. Connerton

AFS Ottawa, Ontario, Canada

- Sampling Approaches to Improve Understanding of How Headwater Drainage Systems Affect Fish Production in Rivers: L. Stanfield, M. Kaller and K. Hartman

2007

2006

2008

AFS San Francisco, CA

- Understanding Ecological Condition of Surface Waters: Approaches and Assessments, R. M. Hughes
- Building Better Science and Management: the Advantages of Integration, P. Angermeier and R. M. Hughes

The 3rd Mississippi-Yangtze Symposium in
August 21-25, 2016, Kansas City, MO, USA



The 4th Mississippi-Yangtze Symposium in
August 15-20, 2018, Chongqing, China



Symposia

AFS Atlantic City, NJ

Bad Acid: Past and future risk of acidification to aquatic ecosystems that support fisheries and aquaculture, organized by Andrew Todd and HI Jager

2018

AFS Reno, NV

Wildlife, and Humans Adapt to Shifts in Wildfire Disturbance? Mark Bowen, Henriette Jager, Serra Hoagland, Tracy Melvin, Luiz Silva, and Jeff Thomas

2019

AFS Virtual

Temperature Modeling to Management: Planning for Cold Water Resources, Jonathan Leiman, Guido Yactayo and Anna Kasko

2020

Continuing Education

2009

AFS Short Course

- Introduction to Water Quality Standards; presented as a webinar, December 17: T. Gardner and H. Goss

AFS Short Course # 2

- Biological Condition Gradient (BCG) and Tiered Aquatic Life Uses (TALU); presented as a webinar, February 17: S. Davies, C. Yoder and S. Jackson

2010

Symposia – 2021

Baltimore, MD

- Planning for Coldwater Fisheries Resources: Modeling and Managing Temperature Impairments, Paul Kusnierz and Jonathan Leiman. Co-sponsored by Water Quality and Habitat Sections

Water Quality Section Presidents



Past Presidents

• Howard E. Johnson	1977-1978	• Barbara A. Knuth**	1995-1997
• Foster L. Mayer	1978-1979	• Jerry G. Schulte	1997-1999
• Patrick R. Parrish	1979-1980	• Robert M. Hughes**	1999-2001
• Stephen W. Box	1980-1981	• Larry R. Brown	2001-2003
• Terry A. Haines	1981-1982	• Georgina Lampman	2003-2005
• Harold Bergman	1982-1983	• Louis Reynolds	2005-2007
• Carlos M. Fetterolf Jr.**	1983-1985	• Gregg Lomnicky	2007-2009
• Ronald Preston	1985-1987	• Erich Emery	2009-2011
• Charles C. Coutant**	1987-1989	• Doug Bradley	2011-2013
• James G. Weirner	1989-1991	• Margaret H. Murphy	2013-2015
• Donald M. Martin	1991-1992	• Yushun Chen	2015-2017
• Robert H. Gray	1992-1993	• Andrew Todd	2017-2019
• Quentin J. Stober	1993-1995	• Henriette (Yetta) Jager	2019-2021
		• Paul Kusnierz	2021-2023

**Went on to serve as AFS president


Water Quality
Section
Secretary-
Treasurer



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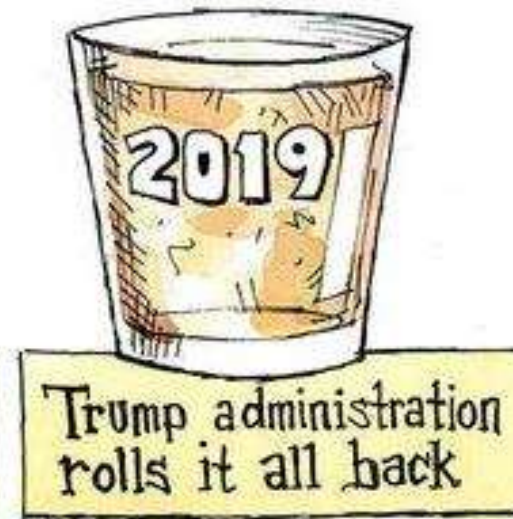
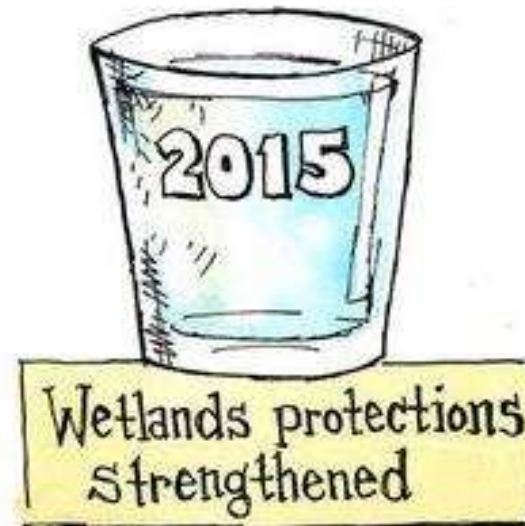
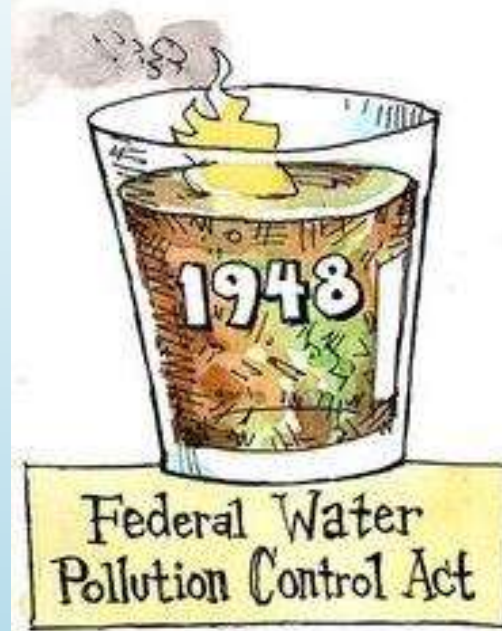
Secretary – Treasurer

For 44 years – the Water Quality Section
has had only three!

- John Meldrim 1977-2007
 - Chris Mebane 2008
 - Gregg Lomnicky 2009 - present
- 
- A decorative graphic consisting of several short, thick, grey curved line segments arranged in a larger curved path in the bottom right corner of the slide.

44 Years
Later – Water
Quality
Section is
Needed!

THE LONG SLOW FIGHT TO CLEAN UP OUR WATER



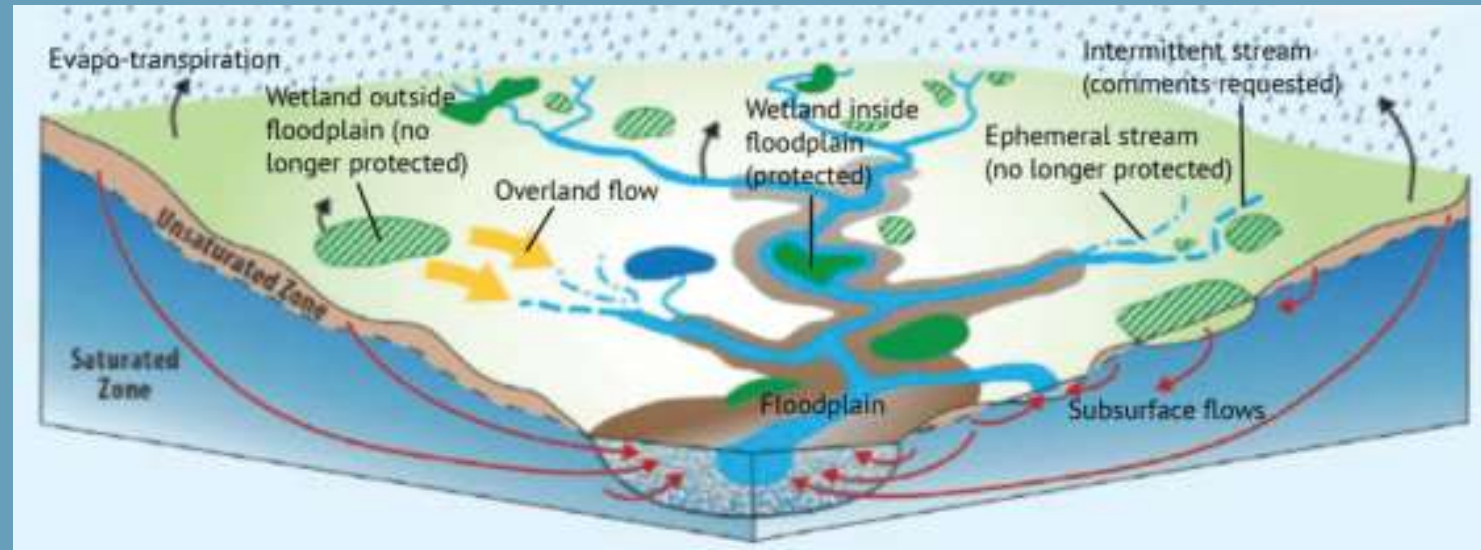
WUERKER

POLITICAL
Andrew McMe

Waters of the US Rule

Biological, chemical, and physical connections—such as the hydrologic connections shown here—link streams and wetlands to downstream waters. These connections are critically important for the functioning of watersheds and the fish they support.

EPA's proposed changes to Section 401 Water Quality Certifications excellent infographic above illustrates the implications of the policy changes. AFS, as part of a larger Consortium of Aquatic Science Societies has formulated a comment in response to these changes with help from Bob Hughes (WQS) and others.

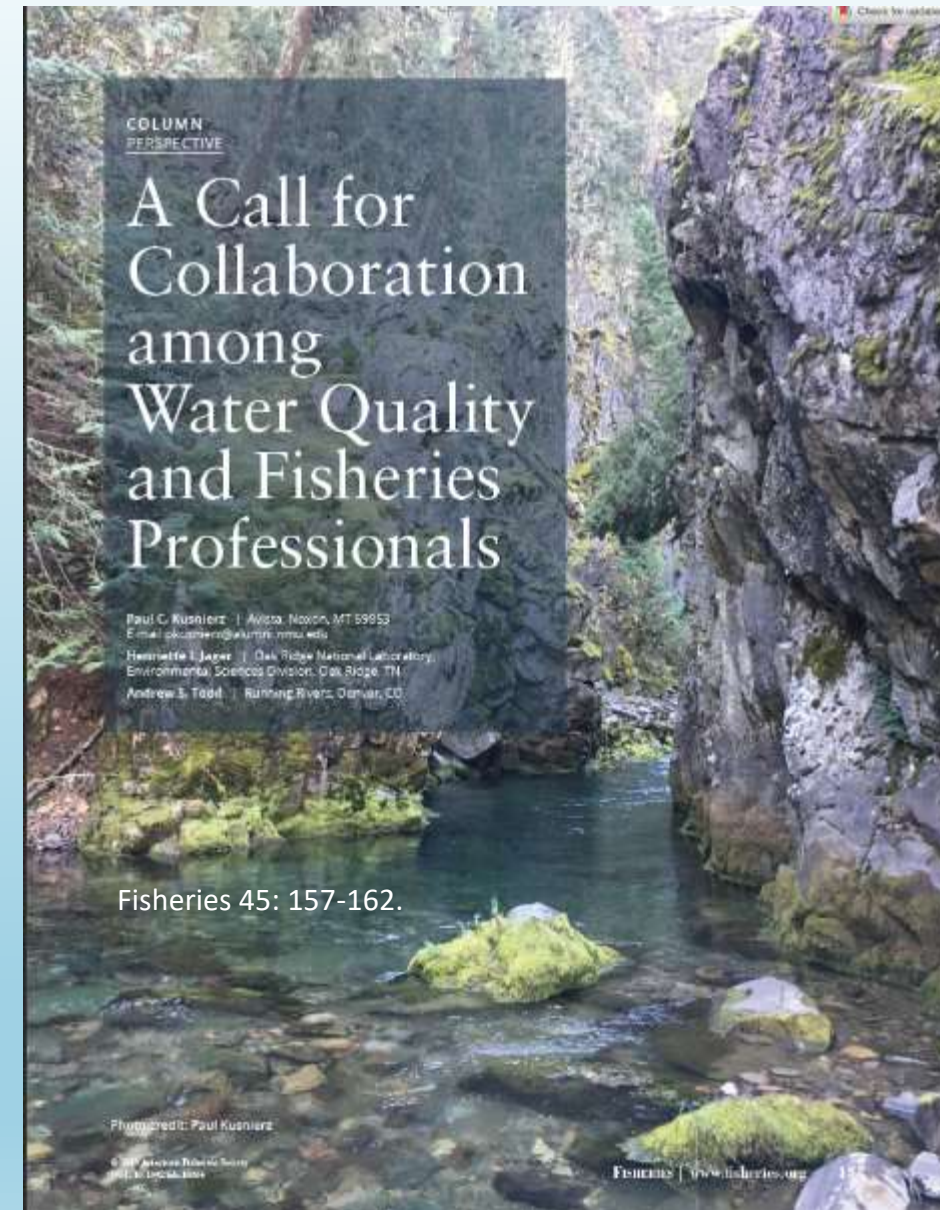


Climate and Environment

Federal judge throws out Trump administration rule allowing the draining and filling of streams, marshes and wetlands

Many farm and business groups backed the rule, but a U.S.

The Water Quality Section continues to advance science of water quality and fisheries



Water Quality Section at AFS Baltimore

Section Meeting

- Monday November 8, 2021 3:00-5:00 pm
(Hilton/Hopkins Room)

Symposium

- Planning for Coldwater Fisheries Resources:
Modeling and Managing Temperature
Impairments
 - Paul Kusnierz and Jonathan Leiman.
Cosponsored by Water Quality and Habitat
Sections
- Monday November 8, 2021 8:00 am-5:00 pm
(Hilton/Douglass Room)

AFS 150th Anniversary Exhibit

Congratulations AFS
on 150 Years!

