



# IJNR

Institute for Journalism  
& Natural Resources

**2018**  
Annual  
Report

*Please visit [ijnr.org](http://ijnr.org)*



# The mission of the Institute for Journalism & Natural Resources is to promote public dialogue about critical natural resource issues through programs that inform, inspire and support better journalism.

Dear friends of IJNR,

**Y**ou likely know what we're about here at IJNR: Better journalism about natural resources. And 2018 was, shall we say, interesting – on both fronts. Amid rhetoric that the press is the “enemy of the people,” industry layoffs continued. Rollbacks unraveled bedrock environmental policies, rising seas lapped further up our shores, extreme weather events intensified and the American West burned. Yeah. It was that kind of year.

But hey, Silver Lining Alert: Those developments remind our team daily that our work matters. In a polarized nation, in a rapidly changing world, journalism that explains the complexities of resource use, holds the powerful accountable and tells stories well may be more important than ever. Our society makes choices every day about how to use water, what energy sources to exploit, how and where to build things, what food to grow, and who wins and who loses when inevitable tradeoffs are made. It falls to journalists to explain those choices and demonstrate their impacts to wide audiences, so a free society can make smarter choices. Sure, market forces and rhetoric have made the job tougher to do, but our team is still here giving journalists tools they need to keep people informed.

We're extremely grateful we can say that – and it wouldn't be true without the many foundations, individuals and companies who generously support our work. We owe special thanks to our friends at the Joyce Foundation, which has supported IJNR since 2001, and to the Walton Family Foundation for its continued support of our work on the Colorado and Mississippi rivers and beyond. We also welcomed the McKnight Foundation into the IJNR family this year and received renewed support from the Wilburforce Foundation. Plus our Lower Colorado River Institute got a boost from New Belgium Brewing, which was awesome, because, well, beer!



The year marked an important step in IJNR's commitment to include more journalists of color in our programming, based on the belief that reporters from varied backgrounds bring critical perspectives to environment and natural resource coverage. In August, we conducted an environmental justice workshop in Detroit, on the heels of the National Association of Black Journalists' Annual Convention. Later in 2018, we met with leaders of the Native American Journalists Association to forge a partnership that you'll undoubtedly hear more about in the years ahead. And make no mistake: Our efforts in this area will continue.

We also welcomed two new board members: Wayne Watkinson, a Washington, D.C. attorney who specializes in agricultural policy, joined the IJNR board in April. Ron Wakimoto, a retired forestry professor from the University of Montana and highly respected wildfire expert who has been a speaker on numerous IJNR programs, joined the board in July. Our board is a smart, committed group and we appreciate everything they do to help IJNR succeed.

And speaking of smarts and commitment, I can't imagine a better group of people to work with than Melissa, Adam, Carrie and Mike. They bring it every day, at the highest level, and those of you who have seen them in action know what that produces. I truly couldn't ask for better. We've got great stuff coming in 2019, so stay tuned. And know that we appreciate everything you do to help IJNR thrive. We wouldn't be here without each and every one of you.

Onward,

A handwritten signature in black ink that reads "Dave". The signature is written in a cursive, flowing style.

Dave Spratt,  
Chief Executive Officer  
Institute for Journalism & Natural Resources

*Cover photo: Upper Mississippi River Institute Fellows wade across the Big Muddy at its humble beginning: Lake Itasca in Minnesota.*

## Our Staff

### **Dave Spratt, Chief Executive Officer**

Dave spent more than 20 years as a reporter and editor at daily newspapers in Colorado and Michigan, until he took a buyout from the *Detroit News* in 2009. He was named CEO in January 2013. Dave holds a B.A. in Journalism from Michigan State University and is pursuing graduate studies at Eastern Michigan University. Dave lives just outside Ann Arbor, Mich., with his wife Sarah, and has two adult daughters.

### **Melissa Mylchreest, Associate Director**

Melissa wears a lot of hats at IJNR: She's in charge of communications and often works on development, but sometimes she puts together programs too. Melissa received a B.A. in creative writing from Connecticut College, an M.S. in environmental studies from the University of Montana, and an M.F.A. in creative writing, also at UM. She lives in Missoula, Mont., with her husband Lagan and their three dogs.



### **Adam Hinterthuer, Associate Director**

Adam is largely responsible for IJNR's programs, which means he spends months lining up speakers, scouting locations and noodling topics in between programs. Adam lives in Madison, Wis. with his wife, Carrie, and their two daughters, Brynn and Maggie. Adam has a bachelor's degree from Carleton College and a master's degree in journalism from the University of Wisconsin.



### **Carrie Hinterthuer, Director of Operations**

In addition to keeping the books, Carrie facilitates the myriad things that keep IJNR's ship sailing smoothly. Carrie has her master's degree in public health from the University of Wisconsin, and earned her undergraduate degree from Carleton College (where she met a certain IJNR associate).



### **Mike Scott, Digital Media Trainer**

By day, Mike is a Senior Media Relations Specialist at Case Western Reserve University. He was a long-time environment reporter and assistant metro editor at *The Plain Dealer* in Cleveland and is a Kiplinger-trained disciple of all things online. Mike holds a B.S. from Kent State University and lives in the Cleveland suburb of Painesville with his wife, Brie.



## Board Members

Please visit [ijnr.org](http://ijnr.org)

### **Frank Edward Allen, Chair (Missoula, Mont.)**

Frank spent 14 years at *The Wall Street Journal* as a writer and columnist, a features editor, a bureau chief and the paper's first environment editor. In 1994, he became dean of the University of Montana's School of Journalism, where he created expedition-style learning programs for journalists that evolved into IJNR.

### **Pam Rockland, Vice Chair (Columbia, Md.)**

Pam is a nonprofit professional with more than three decades of successful management and fundraising experience. She served as the first development director for IJNR from 1995-2003. Since 2011, Pam has been Director of Development Operations at Enterprise Community Partners.

### **Mary G. Hager, Treasurer (Falls Church, Va.)**

Mary retired from *Newsweek* magazine after a long, productive career as a Washington-based correspondent and contributing editor. She reported extensively on issues of science, medicine and the environment.

### **Chris Siegler, Trustee (Missoula, Mont.)**

Chris was in management positions in healthcare and telecommunications before becoming a Financial Advisor with Merrill Lynch, a position from which he recently retired. Chris and his wife have two sons — one a former IJNR Fellow of Energy Country.

### **Steve Dolberg, Trustee (Ajijic, Jalisco, Mexico)**

From 1995 through 2012, Steve owned Majestic Homes, Inc., a manufactured and modular housing dealer in Billings, Mont., from which he retired in 2013. In his early career, he was a corporate lawyer in New York, Washington, D.C. and Los Angeles. Steve enjoys traveling to wild places in pursuit of wildlife photography.

### **Sara Shipley Hiles, Trustee (Columbia, Mo.)**

Sara is an Assistant Professor at the Missouri School of Journalism and worked as a reporter at the *Times-Picayune* in New Orleans, the *Statesman-Journal* in Salem, Ore., the *Courier-Journal* in Louisville, Ky., and the *St. Louis Post-Dispatch*. The IJNR alumna lives in Columbia with her husband and son.

### **Peter Annin, Trustee (Ashland, Wis.)**

Peter is Co-Director of Northland College's Freshwater Innovation Center. Peter spent a decade as Associate Director of IJNR, after more than 10 years reporting on a wide variety of issues for *Newsweek*. He is also author of the book, *Great Lakes Water Wars*.

### **Wayne Watkinson, Trustee (Washington, D.C.)**

Wayne is a partner at Watkinson Miller PLLC, where he devotes the majority of his practice to corporations and associations involved in agriculture and agribusiness. He has particular expertise in commodity promotion and marketing issues.

### **Ron Wakimoto, Trustee (Missoula, Mont.)**

Ron is an Emeritus Professor of Forestry at the University of Montana and one of the nation's premier wildfire scientists. He received his B.S. in Forestry and M.S. and Ph.D. in Wildland Resource Science from the University of California at Berkeley.



## Lower Colorado River Institute

February 17-24

Nevada – Arizona – California – Mexico

There’s an adage in the American West that “Whiskey is for drinking, water is for fighting over,” and perhaps nowhere do those words appear to ring truer than in the Colorado River Basin. The poster child of an over-allocated and embattled resource, the Colorado passes through seven states and offers sustenance on many fronts: It provides water for more than 30 million people and a significant portion of our nation’s food supply. It’s home to a handful of endangered fish and wildlife species, and supports a \$26 billion recreational economy across the Southwest. Yet the Colorado’s Lower Basin is largely desert, and demand for water so outstrips supply that this mighty river runs dry nearly 100 miles before it reaches the coast at the Sea of Cortez.

Our journey, which began and ended in Las Vegas, took 20 journalists from across the country to explore the policies and practices of water allocation along this overtaxed river. They heard from water managers, farmers, tribal leaders, federal, state and municipal officials, park rangers, conservationists and more during the eight-day trek.

To read the work of the Lower Colorado River Institute Fellows, please visit [www.ijnr.org/lower-co-stories](http://www.ijnr.org/lower-co-stories)



Fellows from the Lower Colorado River Institute toured the innards of the massive Hoover Dam and wound up at its bottom, hundreds of feet below the surface of Lake Mead.



The LCRI included a visit to Mexico’s La Cienega de Santa Clara, an artificial wetland that has become a critical wildlife oasis where the Colorado River Delta has otherwise dried up.



While in Mexico, Lower Colorado River Institute Fellows saw a riparian restoration project by the Sonoran Institute.



Fellows get a better view of La Cienega de Santa Clara in Mexico.



## Upper Mississippi River Institute

June 16-23, 2018

Illinois – Iowa – Minnesota – Missouri – Wisconsin



Fellows get an up-close look at the flora of the Upper Mississippi River National Wildlife Refuge.

With a watershed that encompasses all or part of 31 U.S. states and two Canadian provinces, the Mississippi River could be said to reflect North America itself. The decisions we make about how we use our land govern both how our greatest river flows and what flows through it. And many of those decisions are made far upstream, before the Mississippi becomes the mighty, muddy American icon.

IJNR took a group of 18 journalists from across the country on a weeklong learning expedition down the Upper Mississippi to get a first-hand look at some of the issues that originate in and impact a watershed that drains nearly 40 percent of the contiguous United States. We traveled from the river's headwaters near Bemidji, Minn. to St. Louis' famous Arch as we explored topics like nutrient runoff, invasive species, river restoration, flood control and environmental justice in downstream communities.

We met with local citizens, elected officials, business owners, resource managers, farmers and scientists.

To see the work of IJNR's Upper Mississippi River Institute Fellows, please visit [www.ijnr.org/upper-mississippi-stories](http://www.ijnr.org/upper-mississippi-stories)

## Saint Lawrence River Institute

September 23-29, 2018

Quebec – Ontario – New York

The Great Lakes contain 20 percent of the world's fresh surface water, provide drinking water for more than 30 million people, move American and Canadian grain and iron, and play a large role in economies from Chicago, Milwaukee, Detroit and Cleveland to Toronto, Montreal and Quebec. The Great Lakes, like the Mississippi River, also connect North America's heartland to the larger world – through the St. Lawrence River. And while the St. Lawrence has unquestionably facilitated immense economic activity, this human-enhanced connection between the Great Lakes and the Atlantic Ocean has also introduced costs: invasive species upend ecosystems, legacy pollution lingers, and costly, sometimes obsolete, infrastructure projects are challenged by a changing climate.

The St. Lawrence River Institute began and ended in Montreal, helping 15 journalists from across Canada and the United States to explore this vital – but often underreported – waterway. We visited the Akwesasne Nation, a rare Native community that straddles the U.S.-Canadian border; the Port of Montreal; the Moses Saunders Dam, which marks the upstream end of the St. Lawrence Seaway; the Gulf of St. Lawrence, where ships that ply the Great Lakes encounter endangered whales; and numerous sites in between.



St. Lawrence River Institute Fellows had a birds-eye view of the Gulf of St. Lawrence, which for ocean-going ships is the gateway to North America's Great Lakes.



Safety-gear'd Fellows of the St. Lawrence River Institute set off to look for whales in the Gulf of St. Lawrence.



Produce is less healthy than it was 70 years ago. These farmers are trying to change that

USA TODAY NETWORK Carrie Blackmore Smith and Emily Hopkins, Cincinnati Enquirer

Published 11:24 a.m. ET July 5, 2018 | Updated 5:02 p.m. ET July 9, 2018

The protectors of British Columbia's coast



In the Great Bear Rainforest, Indigenous guardians enforce tribal and environmental laws.



The NEVADA INDEPENDENT  
YOUR STATE. YOUR NEWS. YOUR VOICE.

## Risks to Lake Mead, Colorado River intensifying greatly, federal officials say

Arizona Daily Star  
tucson.com

By Tony Davis Arizona Daily Star Jun 29, 2018

GOVERNMENT | WATER & LAND

States accuse Arizona water agency of gaming Lake Mead, undermining Colorado River drought plans

By Daniel Rothberg  
April 17th, 2018 - 2:15am

## An Ode To The Toilet, A Water Conservation Champ

By LUKE RUNYON • JUL 3, 2018



St.LouisPublicRadio | npr

## Restoring historic flood patterns could make Missouri wildlife refuge better for birds

By ELI CHEN • AUG 30, 2018

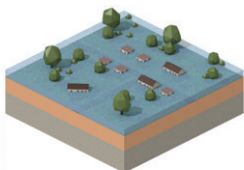
enu | The CHRISTIAN SCIENCE MONITOR. Subscribe: \$11 / Month or Log in

NEWS 88.9 knpr

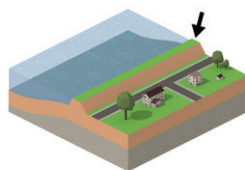
NEVADA PUBLIC RADIO

### Mitigating flood damage

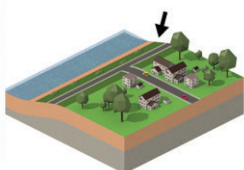
— FOCUS —



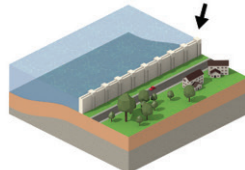
**Crest** – The crest is the highest point in a wave. When measuring river flooding, the crest refers to the highest point that the flood waters reach before the river stops rising. Rivers can continue to rise days after an extreme rain event before cresting.



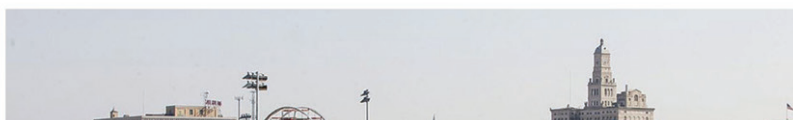
**Levees** – Levees are artificial embankments packed with soil that serve as a barrier between surging waters and built structures. "Armored" levees are covered with fiber mats or grasses to prevent erosion.



**Flood plain** – The area of flat lowland adjacent to a river is referred to as a flood plain. Developed flood plains run the risk of taking on water during flood events. Parks, playgrounds, and fields, on the other hand, can serve as natural catchments and hold floodwaters until water levels return to normal.



**Flood walls** – Flood walls are engineered structures made of reinforced concrete that divert floodwaters away from communities.



knpr KNPR's State of Nevada

### As Weather Warms, What's The State Of Our River?

Tweet Share on Facebook Share on Google+ Email

LISTEN (48:03) Download



## Unsafe water a problem for Canada's First Nations

By ELIZABETH MILLER • JAN 17, 2018



GREAT LAKES TODAY

ARIZONA PUBLIC MEDIA.



SEPTEMBER 12, 2018 | MODIFIED SEP 12, 2018 4:22 P.M.

## What a Colorado River in Decline Means for the Radical Idea of Resurrecting Glen Canyon

As levels on Lake Powell and the Colorado River drop, do proposals to reimagine Glen Canyon Dam stand a chance?



by Vanessa Barchfield

TWEET SHARE

# CITYLAB

## Why Mayors Are Rallying Around the Mississippi River

LYNDESE GILPIN SEP 28, 2018

For communities from Minnesota to Louisiana, the Mississippi is the source of increasing problem flooding, but it's also the key to a clean water supply and a healthy economy.



## Big river, deep trouble: Can the Mighty Mississippi's crisis be averted?



For generations, Americans have transformed their most important waterway with feats of engineering – but now agricultural pollution, aging infrastructure, runaway development and the rising risk of floods are taking their toll

LEYLAND CECCO  
SPECIAL TO THE GLOBE AND MAIL  
INCLUDES CORRECTION  
PUBLISHED SEPTEMBER 11, 2018  
UPDATED SEPTEMBER 26, 2018



SCIENCE/ENVIRONMENT Water



## Things Are Getting Crazy on the Colorado River

The Colorado River, the source of much of the American West's economic productivity, essentially functions like a bank. This month, the nation's largest water agency, the Metropolitan Water District, began what amounts to a run on the bank.



Ry Rivard  
January 14, 2019



## Contractor Denounces Decision to End Free Bottled Water Program in Flint, MI

By Glenn Townes • April 23, 2018



WATER PRESSURE PART 1 OF 3 ▾

## Small brewery town running dry

Cold Spring faces water shortage question looming for many Minnesota towns.

Story by Josephine Marcotty • Photo by Rich Tsong-Taatarii  
Dec. 23, 2018 • Star Tribune

### The Future of Wildfire

April 19-21

Missoula, Mont.

IJNR welcomed 22 journalists to Missoula for a workshop exploring the ecological, economic, social, and public health impacts of wildfire, and discussing what the future might hold.

Participants had the opportunity to:

- Hear from fire scientists about the latest research and modeling – and how new breakthroughs are shaping our understanding of how fire behaves.
- Talk with climate scientists.
- Speak with public health experts about smoke exposure in rural communities and what can be done to mitigate these impacts.
- Learn from economists about the financial toll of wildfires on the federal, state, and local level.
- Hear from researchers about proactive steps the public can take – from landscape maintenance to fire-savvy building techniques.
- Meet with the firefighters and foresters tasked with battling fires – and trying to mitigate their severity before they even start.
- Discuss what we as journalists can do better in our coverage of wildfire.
- Get out on the landscape to see forest management practices implemented in real-life scenarios.

### North America's Great Lakes

October 7-10

Northern Michigan

The Great Lakes represent 20 percent of the world's available fresh surface water, but this incredible resource is challenged in a number of ways. The 2018 SEJ post-conference tour, organized and presented by IJNR, explored environment and natural resource issues in northern Michigan, where lakes Superior, Michigan and Huron come together.

Fifteen SEJ members joined us on the tour. Topics included Camp Anishinaabek, where water protectors are protesting Enbridge's Line 5 pipeline; a conversation with state officials about a proposal to run a tunnel beneath the Straits of Mackinac to house the controversial Line 5 oil pipeline; commercial fishing and the Sault Ste. Marie Tribe of Chippewa Indians; a controversial wind power project on the Garden Peninsula; problems associated with a spike in tourists at Pictured Rocks National Lakeshore; the Great Lakes Compact; how climate change has impacted Michigan's moose reintroduction; the Soo Locks' role in Great Lakes shipping; and 'does it ever stop raining here?'

### 2018 Reporting Award Recipients

#### Environmental Justice

Debra Krol, "Native Californians Gaining a Bigger Voice in Watershed Management"

#### Guerry Beam Memorial

Amelia Urry, "The Death of a Reef"

#### Andrew Weegar Memorial

Michael Dax, "When the Wheaties Come to Town: A Journey into a Vanishing American Present"

#### Frank Allen Field Reporting Awards

Meg Vatterott, "The Mazahua Frente and Mexico City's Water Crisis"

Kevin Stark, "Inside an Indiana Lead Crisis: One Woman's Journey Out of a Polluted Public Housing Complex - A Trump Diaries Podcast Episode"

Joshua Zaffos, "Uranium Revival at White Mesa"

Sophia Perez, "Alternative Zero"

Allen Best, "Picuris Pueblo: Energy Transition in the Rural Southwest"

Rebecca Owen, "Wild Horses Couldn't Drag Me Away from Wild Horses"

### Sick of Your City?

*A Workshop for Journalists Interested in Public Health and Environmental Justice*

August 5-6

Detroit, Mich.

Tainted water. Oil refineries. Incinerators. Steel mills. Interstate freeways. Lead pipes. Lead paint. Food insecurity. Old schools. Old homes. All are known to cause human health problems – and all are part of everyday life in cities across the United States. It's a public health crisis – and a deep journalistic well of stories.

Using Detroit as a model, IJNR conducted a workshop following the annual meeting of the National Association of Black Journalists designed to help journalists understand how environment problems impact communities. We spent two days meeting with residents, community activists, public health officials, legal experts and industry representatives who helped our 10 participating journalists understand the public health threats that face urban populations every day.



## IJNR by the numbers

Number of Fellows:

**53**

Number of Workshop/  
Tour Participants:

**49**

States/Provinces  
Visited

**14**

Miles  
Traveled:

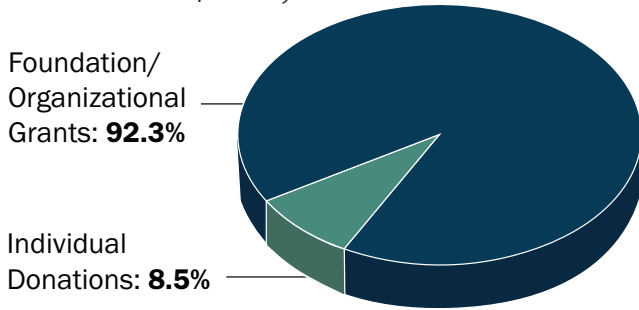
**3,800**

Number of  
Speakers:

**272**

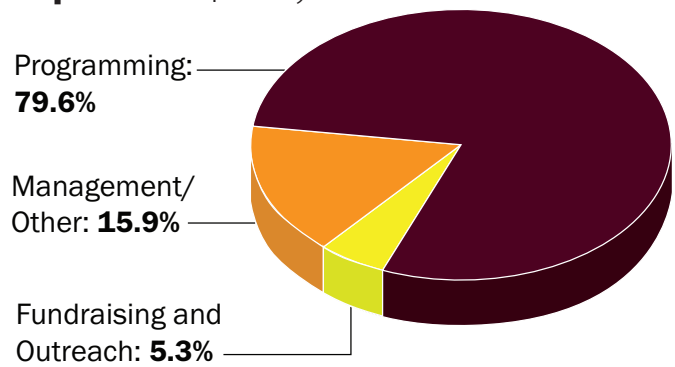
## Revenue and Expenses

**Revenue: \$309,554\***

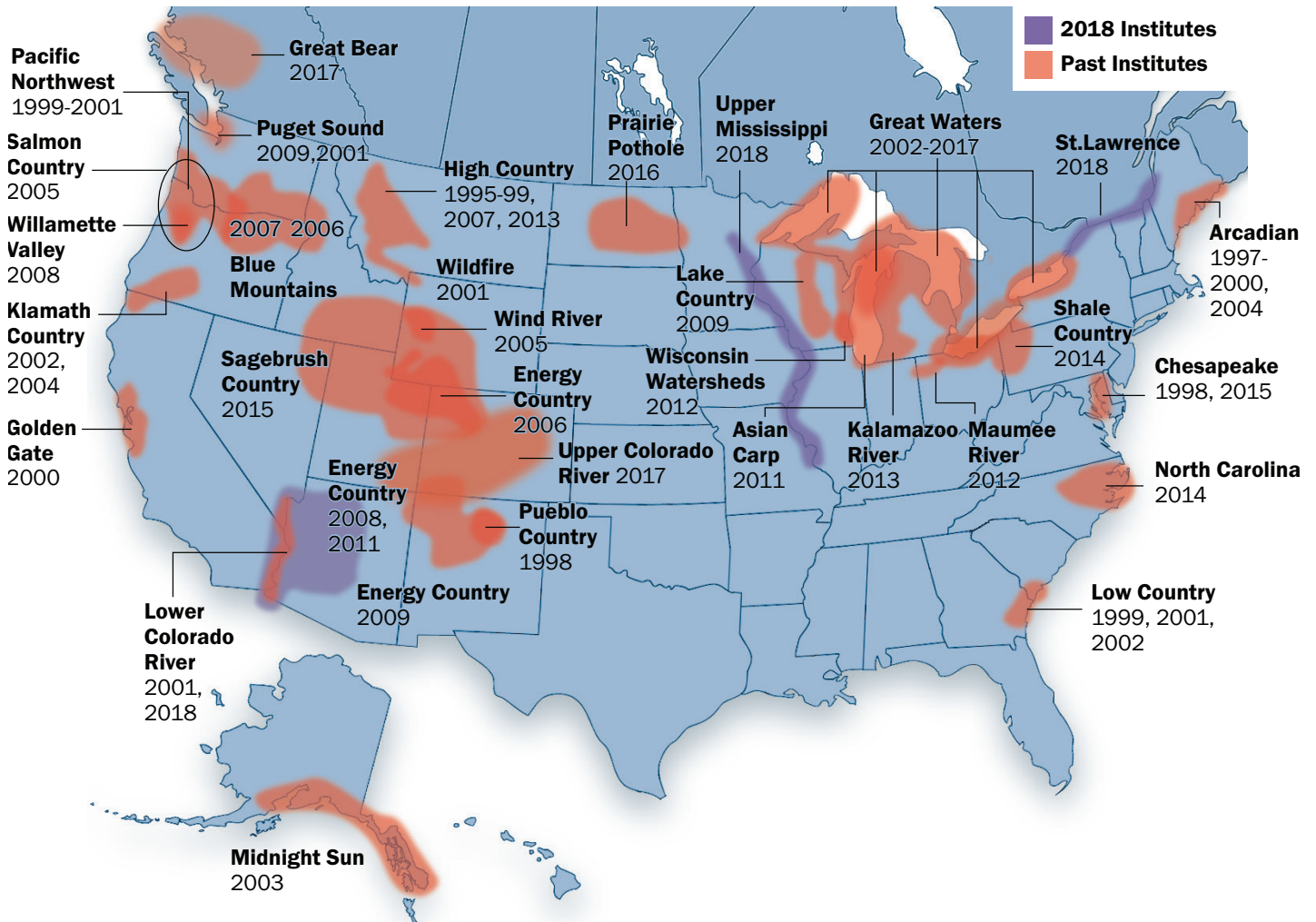


\*Does not include rollover funding from 2017; does not equal 100% due to nominal investment loss in 2018

**Expenses: \$567,489**



## Where We've Been





## 2018 Participating Journalists

### Detroit NABJ Workshop

**Ciara Campbell**  
TEGNA, 13WMAZ

**Elizabeth Crenshaw**  
WJR NEWS

**Amanda DeVoe**  
Freelance

**Ghazala Irshad**  
Freelance

**Cheryl Jackson**  
Chicago

**Aisha I. Jefferson**  
Comcast Interactive Media  
(formerly)

**Elizabeth Miller**  
WCPN Ideastream

**Shara Taylor**  
Freelance

**Aisha Turner**  
StoryCorps

**Quincy J. Walters**  
WBUR

**Sandra Svoboda**  
Detroit Public Television

### Flint SEJ Post Conf Tour 2018

**Jim Bloch**  
Freelance

**Marla Donato**  
Freelance

**Bill Funk**  
Freelance

**Michael Hawthorne**  
*Chicago Tribune*

**Thomas Henry**  
*The Blade*

**Tiffany Higgins**  
Freelance

**Anna Isaksson**  
Norrbottens Media

**Jim Malewitz**  
Bridge Magazine

**Andy McGlashen**  
Freelance

**Sheri McWhirter**  
*Traverse City Record-Eagle*

**Cody Punter**  
Freelance

**Dustin Renwick**  
National Geographic Society

**Rachel Smith**  
*Indianapolis Star*/Freelance

**Shannan Stoll**  
YES! Media

**Valerie Vande Panne**  
Freelance / Fellow With In These  
Times

**Sarah Whites-Koditschek**  
Wisconsin Public Radio/Wisconsin  
Center For Investigative  
Journalism

### Lower Colorado River

**Vanessa Barchfield**  
Arizona Public Media

**Meredith Rutland Bauer**  
Freelance

**Cally Carswell**  
Freelance

**Rachel Christiansen**  
Nevada Public Radio

**Andrew Cullen**  
Freelance

**Tony Davis**  
*Arizona Daily Star*

**Felicia Fonseca**  
The Associated Press

**Emily Guerin**  
KPCC | Southern California  
Public Radio

**Mary Hoff**  
Ensia

**Jeremy Jacobs**  
E&E News

**Maya Kapoor**  
*High Country News*

**Brandon Loomis**  
*The Arizona Republic*

**Laura Paskus**  
NM Political Report

**Daniel Rothberg**  
*Nevada Independent*/Freelance

**Luke Runyon**  
KUNC

**Ryan Sabalow**  
*Sacramento Bee*

**Amena Saiyid**  
Bloomberg Environment

**Noel Smith**  
*The Daily Times* (Farmington,  
N.M.)

**Alejandra Vargas - Morera**  
Univision Planeta

### Saint Lawrence River

**Joel B. Baird**  
*Burlington Free Press*

**Lorraine Boissoneault**  
Freelance

**Alison Fromme**  
Freelance

**Annika Hipple**  
Freelance

**Shweta Karikehalli**  
National Audubon Society

**Amorina Kingdon**  
*Hakai Magazine*

**Tim Lougheed**  
Freelance

**Kari Lydersen**  
Northwestern University / Freelance

**Katelyn Newman**  
*U.S. News & World Report*

**Brian Owens**  
Freelance

**Joseph S. Pete**  
*Times Of Northwest Indiana*

**Andrew Reeves**  
*Alternatives Journal*

**Kurt Stepnitz**  
Freelance

**Itai Vardi**  
Freelance

### Upper Mississippi River

**Alex Baumhardt**  
American Public Media

**Tristan Baurick**  
*The Times-Picayune* | NOLA.  
Com

**Josh Buettner**  
Iowa Public Television/"Market  
To Market"

**Leyland Cecco**  
Freelance

**Eli Chen**  
St. Louis Public Radio

**Meg Dalton**  
*Columbia Journalism Review*

**Geoffrey Giller**  
Freelance

**Lyndsey Gilpin**  
Freelance

**Bryce Gray**  
*St. Louis Post-Dispatch*

**Laurel Hamers**  
*Science News*

**Story Hinckley**  
*Christian Science Monitor*

**Emily Hopkins**  
*The Indianapolis Star*

**Randall Hyman**  
Freelance

**Stephen Joyce**  
Bloomberg Law

**Hope Kirwan**  
Wisconsin Public Radio

**Josephine Marcotty**  
*Star Tribune*

**Amy Mayer**  
Iowa Public Radio/Harvest Public  
Media

**Mark Scialla**  
Freelance

### Wildfire Workshop

**Ashley Ahearn**  
Oregon Public Broadcasting and  
KUOW Puget Sound Public Radio

**Frankie Barnhill**  
Boise State Public Radio

**Warren Cornwall**  
*Science Magazine*

**Kelsey Dayton**  
Freelance

**Sherry Devlin**  
Freelance Reporter/Editor Tree-  
source.Org and Missoula Current

**Susan Dunlap**  
*Montana Standard*

**Marissa Fessenden**  
Freelance

**Courtney Flatt**  
Northwest Public Broadcasting,  
EarthFix

**Nate Hegyi**  
Mountain West News Bureau

**Lauren Kaljur**  
Discourse Media

**Sarah Keller**  
Freelance

**Anna King**  
Northwest News Network

**Laura Lundquist**  
Freelance

**Liam Moriarty**  
Jefferson Public Radio

**Katy Nesbitt**  
Freelance Journalist

**Tony Schick**  
Oregon Public Broadcasting

**Elizabeth Stewart-Severy**  
Aspen Public Radio

**Meera Subramanian**  
Freelance

**Susan Valot**  
Freelance For KCRW, KQED's  
"The California Report" & Others

**Eric Whitney**  
Montana Public Radio

**Sophie Yeo**  
Freelance

**Zachary Ziegler**  
Arizona Public Media



# 2018 Institute Speakers

## Upper Mississippi River Institute

Steve Ahrens, Riverfront Improvement Commission  
Chris Anderson, The Nature Conservancy  
John Anfinson, Mississippi National River and Recreation Area, NPS Tariq Baloch City of Cedar Rapids  
Andy Bartels, Wisconsin DNR, UMRR, LTRM Pool 8 Field Station  
Nick Bartol, Badger Mining Corporation  
Sharrone Baylor, Upper Mississippi River National Wildlife and Fish Refuge, USFWS  
Gretchen Benjamin, The Nature Conservancy  
Rich Biske, The Nature Conservancy  
Tracy Boaz, Missouri Department of Conservation  
Joe Bolckom, Iowa State Senate; Iowa Flood Center, University of Iowa  
Kristin Brennan, Minnesota Natural Resources Conservation Service, USDA  
Patrick Brown, City of St. Louis  
Scotty Bryant, Illinois Federation for Outdoor Resources  
Sarah Carlson, Practical Farmers of Iowa  
Mary Ellen Chamberlin, Davenport (IA) resident  
Bob Chance, Lake Itasca State Park  
Celize Christy, Practical Farmers of Iowa  
Liz Crow, The Nature Conservancy  
Mike Davis, Minnesota DNR  
Lou Dell'Orco, U.S. Army Corps of Engineers  
Shelly DePestel, Daley Farm of Lewiston, LLC  
Mike DeRusha, Upper & Lower St. Anthony Falls Lock & Dam, USACE  
Brian DeVore, Land Stewardship Project  
Olivia Dorothy, American Rivers  
Deanna Drake, Wisconsin DNR, UMRR LTRM Pool 8 Field Station  
Tom Evers, Minneapolis Parks Foundation  
Mike Feldman, U.S. Army Corps of Engineers  
Sarah Fillius, Land Stewardship Project  
Jim Fischer, Wisconsin Dept. of Natural Resources  
Tom Gile, Minnesota Board of Water and Soil Resources  
Laura Ginn, Green City Coalition  
Bill Gluba, Former Mayor, Davenport, IA  
Kyle Gripp, Davenport City Council  
Tatiana Gross, Juxtaposition Arts  
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Jennifer Sauer, USGS, Upper Mississippi River Restoration Program  
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Fred Tillman, Arizona Water Sciences Center, USGS  
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Kathleen Vaughan, Concordia University  
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Jocelyn Gibbon, Freshwater Policy Consulting  
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Gabriela Gonzalez, Sonoran Institute  
Zach Hauser, Hauser Farms  
Claudia Hauser, Hauser Farms  
Ned Hyde, Palo Verde Irrigation District  
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John Powell, Coachella Valley Water District  
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Dzoara Rubio, Sonoran Institute  
Theresa "Terri" Saumier, U.S. Bureau of Reclamation, Hoover Dam  
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Kim Schonek, The Nature Conservancy  
Chris Schoneman, U.S. Fish & Wildlife Service  
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Monica Lewis-Patrick, We The People of Detroit  
Tawana Petty, Detroit resident  
Mary Sue Schottenfels, Clear Corps Detroit  
Lyke Thompson, Wayne State  
Dr. Paul von Oeyen, Retired High-risk Obstetrician

**Wildfire Workshop**  
Steve Amo, Retired USFS Research Forester  
Jill Belsky, Landowner; Professor of Rural & Environmental Sociology  
Sarah Coefield, Missoula County Health Dept.  
Mark Finney, Fire, Fuel and Smoke Science Program, USFS  
Ann Hadlow, BAER specialist and soil scientist, USFS  
Bill Hahnenberg, Fire and Aviation Mgmt, USFS  
Colin Hardy, Fire, Fuel and Smoke Science Program, USFS  
Tony Harwood, Forestry Department, Confederated Salish & Kootenai Tribes  
Jen Hensiek, Missoula District Ranger, Lolo National Forest

Phil Higuera, Fire Ecology, UM  
Sharon Hood, Fire, Fuel and Smoke Science Program, USFS  
Matt Jolly, Fire, Fuel and Smoke Science Program, USFS  
Michael Kodas, UC Boulder, book author, journalist  
Andrew Larson, Forest Ecology, UM  
Curtis Noonan, Epidemiology, UM  
Mike O'Herron, Southwest Area Land Office, DNRC  
Erin Phelps, Lolo National Forest, USFS  
Jolie Pollet, Fire Planning and Fuels Management, BLM  
Ray Rasker, Headwaters Economics  
Sarah Senn, Fire, Fuel and Smoke Science Program, USFS  
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