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### WCC2021 is hosted by the C&O Canal Association and Visit Hagerstown & Washington County Convention and Visitors Bureau

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National Park Service



## **C&O Canal Association**

Independent, all volunteer support of the C&O Canal since 1954

#### Hosts of the 2021 World Canals Conference









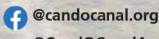
Quarterly Along the Towpath Newsletter • Specialists in C&O Canal History

Nature Programs and Walks • Publisher of C&O Canal Official National Park Handbook

For further information about our activities or membership visit www.candocanal.org or call 301.983.0825

C&O Canal Association

Founded in 1954



@CandOCanalAssoc

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## **C&O Canal Association Welcomes You!**



C&O CANAL HANCOCK VISITOR CENTER, PHOTO BY SAM JUDGE.

Welcome to Hagerstown and the Chesapeake & Ohio Canal!

Like many other members of the C&O Canal Association, I have enjoyed several World Canals Conferences. opened my eyes to vibrant canal networks around the world. We wanted to return the favor to the world's canal community.

Ours is a historic canal. Boats stopped operating in 1924, but

we still think the canal's legacy has something special to offer. Because 2021 is the 50th anniversary of the C&O Canal National Historical Park, we invited world to see the wonders of our canal.

Let's celebrate the ability to gather again and share our common interest in the world's waterways.

William Holdsworth

William Holdsworth, President C&O Canal Association

C&O Canal Association



Founded in 1954



# Welcome to Hagerstown

To All of Our Canal Enthusiasts,

On behalf of all our tourism partners, including the hundreds of local volunteers, it gives us great pleasure to welcome you to the 2021 World Canal conference in Hagerstown and Washington County, Maryland. I would like to take this

opportunity to extend a warm welcome to each of the conference attendees, their families and friends, from across the globe.

We are a destination that is perceived as safe to visit; we offer a variety of ways to explore the outdoors. For your discovery, we have five national parks, eight state parks, Potomac River access and three Scenic Byways. Each one of our parks and byways tells a story in a beautiful scenic setting that provides you the op-



portunity to "distance" yourself while spending time with the people closest to you.

Explore the Historic National Road, the Antietam Campaign, or the C&O Canal Byways - your adventures await! Take in our wineries with stunning vistas, trendy brew pubs, and unique boutique and local artisan shops. (One is owned by NY Times best-selling author, Nora Roberts). Our quaint and historic towns each have their own unique history and amenities. Our region's Civil War legacies are unrivaled with Antietam National Battlefield and South Mountain State Battlefield as part of our offerings. Be sure to visit the Cultural Trail in downtown Hagerstown; it connects our Arts & Entertainment District to our world-class Museum of Fine Arts in City Park. This has made Hagerstown a popular Arts Destination!

There are so many wonderful things to see and do. We invite you to visit Hagerstown and Washington County, Maryland. It is our honor and privilege to host this prestigious event. We invite you to come back again to see more, do more, rest and relax.

Sincerely,

Dan Spedden









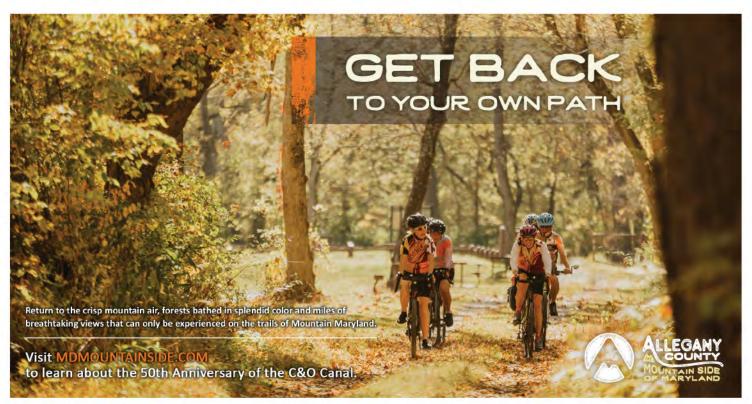
C&O CANAL IN HANCOCK, PHOTO BY BETSY DEVORE

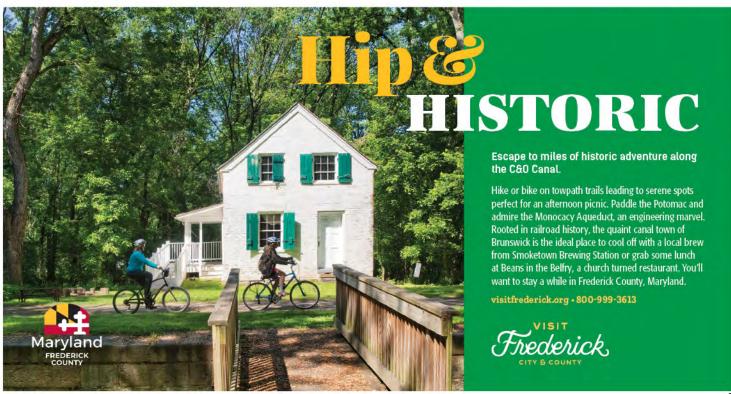


BLUE BELLS, PHOTO BY BETSY DEVORE.



PHOTO BY BETSY DEVORE.





# Welcome from Inland Waterways International

Welcome!

It is an understatement to say that the World Canals Conference in Hagerstown, Md., is an important moment for Inland Waterways International. During the next few days you will be hearing about and discussing the core themes of our organization. Most importantly, you will learn about the impact that climate change has on waterways and what the global community can do to facilitate change.



This conference is an important source of information for the further development, use, maintenance and promotion of our rivers and canals. It can help us see where we are and what changes need to be made. The scheduled presentations by eminent speakers can provide guidance in reaching our goals.

I would like to thank everyone who contributed to organizing the 2021 World Canals Conference, especially the C&O Canal Association. Their perseverance has resulted in an outstanding program, despite the pandemic that has affected so many of us.

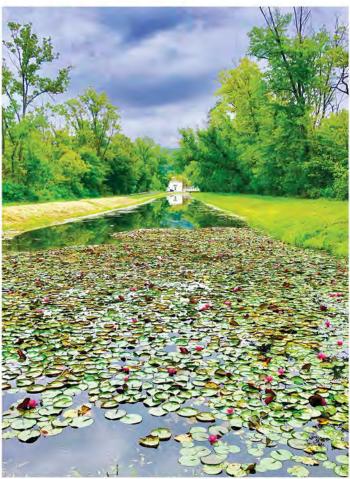
My heartfelt congratulations to the Chesapeake and Ohio Canal National Historical Park on the park's 50th anniversary.

I hope everyone has an enjoyable and educational conference!

Rudy Van der Ween

Rudy Van der Ween, President inlandwaterwaysinternational.org





CANAL IN HANCOCK, PHOTO BY BETSY DEVORE



ROARING WATER AT GREAT FALLS. PHOTO BY HALLIE ERFOURTH

# Maryland Theatre Performing Arts Complex

The Maryland Theatre cut the ribbon on its expanded Performing Arts Complex in October 2019. The heart of the complex is the historic 1,300-seat auditorium.

The World Canals Conference will take advantage of the new 300-seat ballroom space, 150-seat rehearsal studio, mezzanine-level concession area and orchestra-level lobby.

The Maryland Theatre opened its doors in 1915. The theater began life as a vaudeville house but when sound came to the movies commercially in 1927, the theater received new seating and became primarily a movie theater. It closed in 1973.

In 1974, fire destroyed the front of the theater where the expanded facilities are now located, but left the historic auditorium virtually untouched. The theater fell into disrepair until 1976, when local funeral director Gerald N. Minnich purchased the building only one-and-a-half months before it was due to be sold to a contractor for its 1,000,000 bricks. The theater reopened in 1978, thanks to a dedicated group of community members who gathered donations of supplies, services and monetary gifts.

Transformation of the theater into a performing arts complex began in 2018. The project involved demolishing the theater's existing box office and constructing a four-story, 30,000-square-foot addition across the front of the theater. The project was funded through a mix of state, county, city and private resources.

All photos of the Performing Arts Center were taken by Sam Kittner. The historic auditorium photo was taken by Photography by Dale.



KITTNER GRAND LOBBY



KITTNER BALLROOM



AUDITORIUM ORCHESTRA VIEW



MARYLAND THEATRE EXTERIOR

#### **CONFERENCE SCHEDULE**

#### Sunday, August 29 9:00 AM – 9:00 PM Ramada Plaza

9:00 AM-9:00 PM: Registration Check-in, Lobby 2:00-4:00 PM: American Canal Society Board

Meeting, Chesapeake Room

5:00-6:00 PM: Inland Waterways International Meet &

Greet, Chesapeake Room

6:00-9:00 PM: Welcome reception, Cumberland Room

#### Monday, August 30 Morning Program, Maryland Theatre

7:30-8:30 AM: Registration check-in

8:00-8:30 AM: Continental breakfast, Lobby 8:30-10:00 AM: Opening plenary, Auditorium

9:00 AM-12 noon: Sightseeing Tour (Hagerstown)

Departs, Lobby

10:00-10:30 AM: Coffee break, Lobby

10:30 AM-12 noon: Concurrent presentations #1 –
Auditorium #2 – Ballroom

12:00-5:30 PM: Study Tour (Old Town)

- Buses depart from theater. Pick up box lunch in lobby.
- Paw Paw Tunnel, Old Town
- Return to Ramada Plaza, Maryland Theatre

6:00-9:00 PM: Cookout at Western Maryland Sportsmen's Club

Continuous shuttle bus will run between Ramada Plaza and Sportsmen's Club until 10 PM (Parking is available.)

#### Tuesday, August 31 Morning Program, Maryland Theatre

8:00-8:30 AM: Continental Breakfast, Lobby 8:30-10:00 AM: Concurrent presentations #1 -

Ballroom #2 - "The View" Studio

9:00 AM – 12 noon: Sightseeing Tour (Frederick)
Departs, Lobby

10:00-10:30 AM: Coffee break, Lobby

10:30 AM-12 noon: Concurrent presentations #1 –

Ballroom #2 – "The View" Studio

12:00-6:00 PM: Study Tour (Dickerson, Great Falls)

- Buses depart from theater.
- Catered Lunch & Tour Monocacy Aqueduct, Dickerson
- Great Falls, various activities, including Olmsted Island Overlook and Canal Boat ride
- Return to Maryland Theatre, Ramada Plaza
- Free evening Dine at one of the area's most popular restaurants.

## Wednesday, September 1 Morning Program, Maryland Theatre

8:00-8:30 AM: Continental Breakfast, Lobby 8:30-10:00 AM: Concurrent presentations #1 – Ballroom #2 – "The View" Studio

9:00 AM – 12 noon: Sightseeing Tour (Boonsboro)
Departs, Lobby

10:00-10:30 AM: Coffee break, Lobby

10:30 AM-12:00 PM: Concurrent presentations #1 – Ballroom #2 – "The View" Studio

12:00-6:00 PM: Study Tour (Williamsport/Sharpsburg)

- Buses depart from theater at 12:10 PM. Pick up box lunch in lobby.
- Cushwa Basin, Williamsport
- Antietam National Battlefield, Sharpsburg
- Return to Ramada Plaza, Maryland Theatre

6:00 PM – 9:00 PM: Banquet at Springfield Barn, Williamsport

Continuous shuttle bus will run between Ramada Plaza and Springfield Barn until 10 PM (Parking is available.)

## Thursday, September 2 Morning Program, Maryland Theatre

8:00-8:30 AM: Continental Breakfast, Lobby 8:30-9:45 AM: Concurrent presentations #1 – Auditorium #2 – Ballroom

9:45-10:00 AM: Coffee break, Lobby 10:00 AM-Noon: Closing plenary, Auditorium

12:30 PM: Post Tour Departs (Western

Maryland)



EVITTS CREEK AQUEDUCT. PHOTO BY STEVE DEAN, ALLEGANY COUNTY TOURISM

#### STUDY TOURS

Experience the best of the C&O Canal Historical National Park by participating in our daily study tours. Learn more about the history, tour original and restored structures, and experience the communities linked by the C&O Canal.

All tours depart from the front entrance of The Maryland Theatre (21 South Potomac Street).

#### Monday, August 30

Travel to Western Maryland to the historic Paw Paw Tunnel in Oldtown.

The tunnel involved 14 years of construction, a cost of over \$600,000, six million bricks and is 3,118 feet long. Those are just a few of the staggering statistics of the greatest engineering marvel along the Chesapeake & Ohio Canal National Historical Park.

The tour also includes Fort Frederick

State Park in Big Pool. Often described as "one fort, three wars," Fort Frederick encapsulates American history from the colonial period to the present and is one of the largest fortifications built by English colonists in North America.

#### Tuesday, August 31

Enjoy a delicious picnic lunch at the edge of the Monocacy River as you learn more about the history and restoration of the Monocacy Aqueduct. Continue south to Great Falls where you will step back in time by taking a ride on a canal boat. Learn about the history of the Great Falls Tavern. Time on your own will allow you to explore the Olmstead Island.

#### Wednesday, September 1

Attendees will truly experience all the inner workings of a canal system by visiting Williamsport, Maryland. Now home to the NPS C&O Canal Headquarters, it is the only place in North America where visitors can view a variety of canal features in one place, including a lift lock and refurbished lockhouse, a railroad lift bridge, a Bollman iron truss bridge, a canal turning basin and warehouse, and now a watered aqueduct.

The final stop on our tour takes us to Antietam National Battlefield in Sharpsburg. Learn about this September 17, 1862, battle which marked the end of the Confederate Army of Northern Virginia's first invasion into the North and led Abraham Lincoln to issue the preliminary Emancipation Proclamation.

#### Many thanks to our Tour Partners!

National Park Service Fort Frederick State Park National Museum of Civil War Medicine

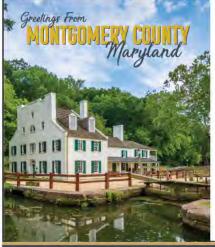


CANAL STRUCTURE IMPROVEMENTS | LOCK RESTORATION | LOCK & DAM REHABILITATION











Wish you were here!

explore the area's many

art museums.

Step away from your routine and take a road trip to Montgomery County, MD. Our curated itineraries are sure in inspire fun ways to experience food, nature and the arts in ways that might be new or could just be the perfect twist on activities you know and love. Set your sights on new experiences!

VisitMontgomery.com/Road-Trip





## **Presentation Summaries and Speaker Biographies**

#### The Capital's Corridor: From Purveyor of Goods to Conservation Corridor

Canals like the C&O were originally built for transportation and commerce. These historic canals now connect diverse habitats—and connect us to the natural world.

Joel I. Cohen, PhD Visiting Scholar at Nicholas School of the Environment, Duke University

## "Champion" Canals: Coming by it Naturally!

The C&O Canal boasts a number of "champion trees," exceptionally large examples of their species. These "champs" teach us much about the environment.

> Ralph Buglass Local historian and author

#### Albert Gallatin, Father of American Infrastructure

Treasury Secretary Albert Gallatin's 1808 infrastructure report to Congress became the basis for the nation's earliest long-distance roads and canals.

Rod Mackler C&O Canal Federal Advisory Commission

#### Hall's Rifle Works and the Shenandoah Canal: A Fraught Relationship in the Age of Waterpower

The story of competing demands at Harpers Ferry—water needed for mechanized firearms production at odds with the demands of the federal government—is an important chapter in early American manufacturing.

David Gilbert Local historian and author

#### C&O Canal Company's 1890 Bankruptcy Case that Established a 50-Year Trusteeship

The devastating 1889 flood sparked a long and complex legal battle for the canal's ownership and future existence.

Karen Gray, PhD C&O Canal historian

#### The State of Pennsylvania Canal and Railroad Initiative

In the first half of the 19th century Pennsylvania built the Main Line, an east-west system of railroads and canals. Today the Allegheny Portage Railroad National Historic Site and the Delaware Canal State Park are popular recreational areas and monuments to the era of "canal fever."

> Robert Kapsch, PhD Researcher and author, Center for Historic Engineering and Architecture

#### The World Is Your Museum: Programming Outside the Bounds of Your Historic Site

As with museums everywhere, the COVID-19 pandemic made the Erie Canal Museum rethink how it engaged with audiences in both physical space AND content. The result is a fruitful year of programming that can be replicated in the future.

Derrick Pratt Educator and Curator, Erie Canal Museum, Syracuse, NY

David Brooks

Education Director, Schoharie Crossing State Historic Site, Fort Hunter, NY

#### Keeping the Doors Open for History: Interpretation and Adaptation During COVID-19

At the Erie Canal Heritage Park, safety during the pandemic has been paramount. The doors might have closed in 2020, but the museum managed to provide a valuable experience for visitors while following strict New York state protocols.

**Daniel Wiles** 

Director of Port Byron Old Erie Canal Heritage Park, Canal Society of New York State

#### Trailway through Time: The Delaware & Lehigh and National Canal Museum Merge History and Recreation

Since its merger with the Delaware & Lehigh National Heritage Corridor in 2017, the National Canal Museum presents educational and interpretive canal and industrial heritage programs that reach the residents of the Corridor's five counties—from the anthracite regions to the tidewater Delaware River.

Daphne Mayer

Museum and Education Director, National Canal Museum, Delaware & Lehigh National Heritage Corridor

Martha Capwell-Fox

Historian and Archives Coordinator, National Canal Museum, Delaware & Lehigh National Heritage Corridor

#### "Wreck"-reation or Re-Creation? A Comparative Tale of Two Michigan Inland Lake Communities

The two largest inundations from inland lakes due to dam breachings in US history happened in Michigan. Their stories illustrate how actions associated with engineered structures can be constructive (irrigation, diversion, power generation) or destructive (dam breaching, canal failure).

Stacy L. Daniels, PhD Chemical-environmental engineer and author

#### Geospatial Technologies and Historic Canals Today: Enhancing Education, Recreation, and Tourism for End Users with GIS

Learn how geospatial technologies can be harnessed to help manage historic canals and associated cultural and natural features, as well as to enhance education, recreation, and tourism.

John V. Ward, PhD Chair of the Geography and Anthropology Department and Director of GIS, University of Wisconsin-Parkside.

#### The Unique Tourism-Focused Initiatives of the C&O Canal Trust

The C&O Canal Trust, nonprofit friends group of the Chesapeake & Ohio Canal NationalHistorical Park, provides innovative visitor experiences via its historic lockhouse interpretive program, C&O Canal Explorer mobile app, and tourism partnerships.

Aidan Barnes
Director of Programs and Partnerships,
C&O Canal Trust

#### The C&O Canal as the Focus for History and Tourism in a Small Western Maryland Town

From the burial place for canal workers felled by cholera to a modern-day revival of canalside buildings, the C&O Canal has had a significant impact on the social and economic life of Hancock. The former home of canal boat builders and merchants now benefits from the recreational tourism associated with national historical park.

Ralph Salvagno Former Mayor, Hancock, MD

> Tracy Salvagno Historian ,Hancock, MD

#### PIANC and Its Role Addressing Climate Change Challenges to Inland Waterways

PIANC (The World Association for Waterborne Transport Infrastructure) recognizes the importance of the climate change challenge and is actively pursuing the sustainable future of the inland waterborne transport industry by supporting its members in addressing this challenge.

Burton C. Suedel, PhD

Research biologist, U.S. Army Corps of Engineers (USACE) Vicksburg, MS; Principle U.S. representative to the PIANC

Brian Joyner, PE Coastal engineer, Moffatt & Nichol, Norfolk, VA; U.S. representative on PIANC's Permanent Task Group on Climate Change

Bill R. Miles, PE
Managing Engineer for US Waterways,
Bergmann, Rochester, NY; Inland Waterways
International Council, Board of Directors at Canal
Society of New York, and member of the PIANC
partners group on Navigating Climate Change

#### Canal Place, Past and Present

Created as a partnership between the Chesapeake & Ohio Canal National Historical Park, Allegany County Tourism, and the Canal Place Preservation and Development Authority, Canal Place in Cumberland, MD, honors local heritage and brings history to life.

Deidra Ritchie

Executive Director of the Canal Place Preservation and Development Authority and the Passages of the Western Potomac Heritage Area

Four Great Reforms in 500 Years

Sweeping political, cultural, and technological changes over the centuries have transformed the landscape into the beautiful waterways of central Germany.

Elke Witt

General Manager of the Tourist Association, UNESCO World Heritage Region Anhalt-Dessau-Wittenberg

#### Four Pillars of the GAP and Canal Towpath Trails: History, Scenery, Quality, and Variety

The combination of the C&O Canal towpath and the Great Allegheny Passage trail creates world-class long-distance corridor for walkers, hikers, and bikers.

Doug Riegner Director of Community Relations, Great Allegheny Passage Conservancy

#### Maximizing Maryland's Tourism Opportunities of the Chesapeake and Ohio Canal

The C&O Canal Experience helps the surrounding communities take advantage of the C&O Canal's status as the 8th most visited national park area. Developed with four county tourism offices, this marketing initiative analyzes visitor usage and economic impact to the region's economy.

Liz Fitzsimmons Managing Director, Maryland Department of Commerce Office of Tourism and Film

> Dan Spedden Executive Director, Visit Hagerstown

Abbie Ricketts Grants committee of the Community Foundation of Frederick County and Chair of the Canal Towns Partnership

#### The Delaware and Hudson Canal— An Underappreciated American Treasure

Once crucial to the coal trade of Pennsylvania and New York, the D&H Canal was sold off and drained in the early 20th century. Learn about the efforts to save what is left and educate the public about this bygone waterway.

Clifford Robinson Jr Vice Chair of the Delaware and Hudson Transportation Heritage Council and Executive Director of the Neversink Feeder and Canal Conservancy

#### The Canal Towns Partnership: Ten Towns, Six Counties, Two States

Formed in 2011 and closely linked to the C&O Canal Trust, the partnership works closely with its tourism partners to promote the towns' tourism assets.

Abbie Ricketts Grants committee of the Community Foundation of Frederick County and Chair of the Canal Towns

Partnership

#### Canal Classrooms Education Program

Over 50,000 students have explored the C&O Canal through this program, connecting with history, nature, science, and outdoor recreation.

Hollie Lynch
Education Coordinator, Chesapeake & Ohio Canal
National Historical Park

#### Building Capacity Through Volunteer Partnerships

People want to help the places they love, and that is certainly true at the C&O Canal National Historical Park. Learn how successful partnering benefits both the park and the volunteers.

Emily Durán Hewitt Volunteer Program Manager, C&O Canal National Historical Park

#### Recent Engineering and Construction along the Chesapeake & Ohio Canal

The National Park Service has completed or otherwise initiated over \$50 million in construction over the past five years. These projects include aqueducts, waste weirs, stone walls, bridges, culverts, rock slopes, and associated canal infrastructure.

Joe Reed, PE, CFM Engineering Services Team Leader, Chesapeake & Ohio Canal National Historical Park

#### More than Whiskey and Flour: Shopping in an 1850s Canal Town

Material culture, tangible remnants of daily life in an often faded past, gives us glimpses into the lives of everyday people. An 1850s shop ledger from a Williamsport merchant provides a rare perspective on the economics and customs of this important canal town.

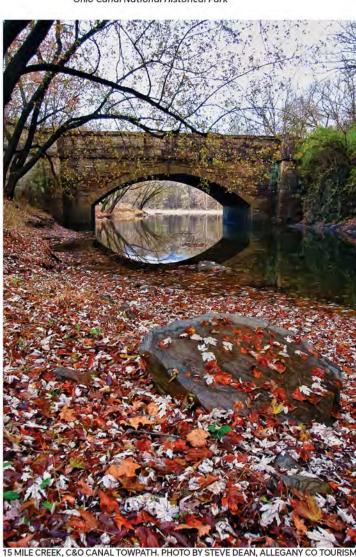
Blyth McManus Cultural Resources Specialist, Chesapeake & Ohio Canal National Historical Park

#### Civilian Conservation Corps on the C&O Canal

Two Civilian Conservation Corps camps along the C&O Canal housed young African American males in the late 1930s and early 1940s. Historical maps and modern mapping technology allow study of these camps and the CCC workers' contribution to the canal corridor.

Joshua Trott

Intern, American Conservation Experience Emerging Professionals in Conservation, Chesapeake & Ohio Canal National Historical Park



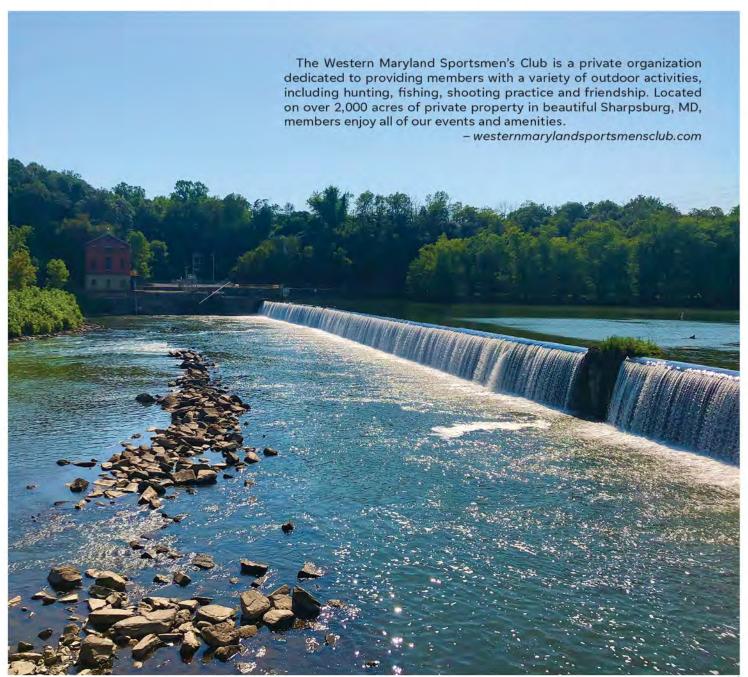


GREAT FALLS TAVERN, PHOTO BY EFRAIN VARGAS

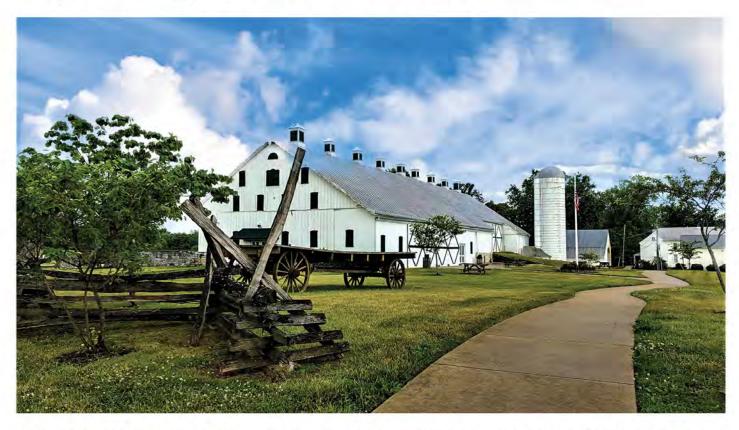


C&O CANAL LOCK HOUSE

# Western Maryland Sportsmen's Club



# **Springfield Barn**



The Springfield Barn, which overlooks Williamsport's Byron Memorial Park, was built circa 1755 by Otho Williams, found-Holland er of Williamsport. The Town of Williamsport purchased the barn in 1987. This eight-bay frame barn, one of the largest barns in the state of Maryland, is 56 feet wide and nearly 168 feet long with a raised-seam roof. The first section, built over 200 years ago and set on stone foundations, is a four-bay bank barn with two open brick granaries. One of these has simple open brickwork ventilation holes.

The other four bays were built somewhat later, and in the 1880s, Victorian trim and nine ventilators were added along the ridge of the roof. Within the barn, the original cedar shakes are still visible.

Williamsport is working to preserve the barn's historic past and make it a part of our present community life.

Along the Civil War Fence row surrounding the barn, 180 trees were recently planted and dedicated to fallen soldiers from the Civil War era. The Town of Williamsport partnered with The Journey Through Hallowed

Ground and the Maryland Forestry Service to plant these trees and have them dedicated as part of The Journey Through Hallowed Ground's Living Legacy Tree Planting Project. The Living Legacy project is a bold initiative that commemorates the 150th Anniversary of the American Civil War. Through this program, one tree will be planted for each of the 620,000 soldiers who died during one of the most defining moments in American history. The trees planted will be geotagged for an interactive learning experience.

# **Presentation Schedule**

#### Monday 10:30-Noon Breakout 1A - Ballroom History and Context

Albert Gallatin, Father of American Infrastructure - Rod Mackler

Hall's Rifle Works and the Shenandoah Canal: A Fraught Relationship in the Age of Waterpower - David Gilbert

#### Breakout 1B - Auditorium Inland Waterways and Engineering Change

"Wreck"-reation or Re-Creation? A Comparative Tale of Two Michigan Inland Lake Communities - Stacy Leroy Daniels

Recent Engineering & Construction along the Chesapeake & Ohio Canal -Joseph Reed

# Tuesday 8:30-10:00 Breakout 2A - Ballroom Trails to Recreation and Education

Trailway through Time: The D&L and National Canal Museum Merge History and Recreation - Martha Capwell Fox and Daphne Mayer

Canal Classrooms Education Program - Hollie Lynch

#### Breakout 2B - The View Technology and Education

The Delaware and Hudson Canal - An Underappreciated American Treasure - Cliff Robinson, Jr.

Civilian Conservation Corps on the C&O Canal - Joshua Trott

#### Tuesday 10:30-Noon Breakout 2C - The View History and Context II

C&O Canal Company's 1890 Bankruptcy Case that Established a 50-Year Trusteeship - Karen Gray The State of Pennsylvania Canal and Railroad Initiative - Robert Kapsch

#### Breakout 2D - Ballroom Maryland Tourism Initiatives

Maximizing Maryland's Tourism Opportunities of the Chesapeake and Ohio Canal - Elizabeth Fitzsimmons, Dan Spedden and Abbie Ricketts

Canal Place, Past and Present - Deidra Ritchie

#### Wednesday 8:30-10:00 Breakout 3A - Ballroom Technology and Tourism

Geospatial Technologies and Historic Canals Today: Enhancing Education, Recreation, and Tourism for End Users with GIS - John Ward

The Unique Tourism-Focused Initiatives of the C&O Canal Trust -Aidan Barnes

#### Breakout 3B – The View Pandemic Programming and Volunteers

Keeping the Doors Open for History: Interpretation & Adaptation during COVID-19 - Daniel Wiles

Building Capacity Through Volunteer Partnerships - Emily Durán Hewitt

#### Wednesday 10:30-Noon Breakout 3C - Ballroom Trails to Creative Programming

The World is Your Museum: Programming Outside the Bounds of Your Historic Site - David Brooks and Derrick Pratt

Four Pillars of the GAP and Canal Towpath Trails: History, Scenery, Quality, and Variety - Doug Riegner

#### Breakout 3D – Ballroom Near and Far: Local Material Culture and German Reforms

More than Whiskey and Flour: Shopping in an 1850s Canal Town -Blyth McManus

Four Great Reformes in 500 Years -Elke Witt

# Thursday 8:30-9:45 am Breakout 4A - Ballroom Conservation and the Natural Environment

The Capital's Corridor: From Purveyor of Goods to Conservation Corridor - Joel Cohen

"Champion" Canals: Coming by it naturally! - Ralph Buglass

#### Breakout 4B - Auditorium Tourism and the Small Town

The C&O Canal as the Focus for History and Tourism in a small Western Maryland Town - Ralph Salvagno and Tracy Salvagno

The Canal Towns Partnership: Ten Towns, Six Counties, Two States -Abbie Ricketts

#### Thursday 10:00 - Noon Closing Plenary - Auditorium The Impact of Climate Change on Inland Waterways

PIANC and its Role Addressing Climate Change Challenges to Inland Waterways (panel discussion) - by Bill Miles, Brian Joyner and Burton Suedel

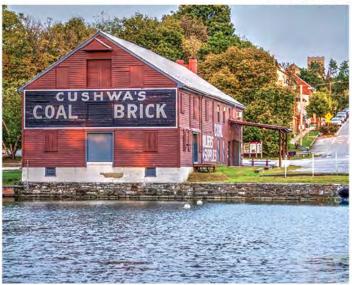
Leipzig: World Canals Conference 2022







LEAKY LOCK. PHOTO BY JOHN GENSOR



CUSHWA BASIN. PHOTO BY BETSY DEVORE



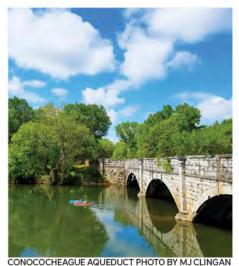
PAW PAW TUNNEL, SOUTH ENTRANCE. GARNER WOODALL



LOCKHOUSE 49, CLEAR SPRING. PHOTO BY MJ CLINGAN



GREAT FALLS. PHOTO BY JOHN GENSOR



#### **SPONSORS MHAA GRANT**

Heart of the Civil War Heritage Area

#### **GOLD LEVEL**

City of Hagerstown Visit Frederick

#### SILVER LEVEL

Visit Montgomery Allegany Tourism Bergmann Associates

#### **BRONZE LEVEL**

Friends of Great Falls

#### **FRIENDS**

Civil War Trails

#### IN KIND

Town Of Williamsport Innovative, Inc.

#### CONFERENCE EXHIBITORS

- 1. Leipzig
- Harpers Ferry Park Association
- Visit Hagerstown
- 4. Jim Rada
- 5. The Canal Trust
- 6. Authors, Speakers
- Authors, Speakers
- 8. C&O Canal Association
- 9. Virginia Canals & Navigation Society
- 10. Canal Towns Partnership
- 11. City of Hagerstown
- 12. The Road Trip Mercantile

Antietam Creek Winery Cushwa Brewing Company Blue Goose Bakery Western Maryland Sportsmen's Club



Since 1973, supporting the National Park Service in maintaining and preserving the Great Falls Visitor Center and surrounding area of the C&O Canal National Historical Park.

www.fhgft.org

## **Downtown Hagerstown Venue and Nearby Restaurants**



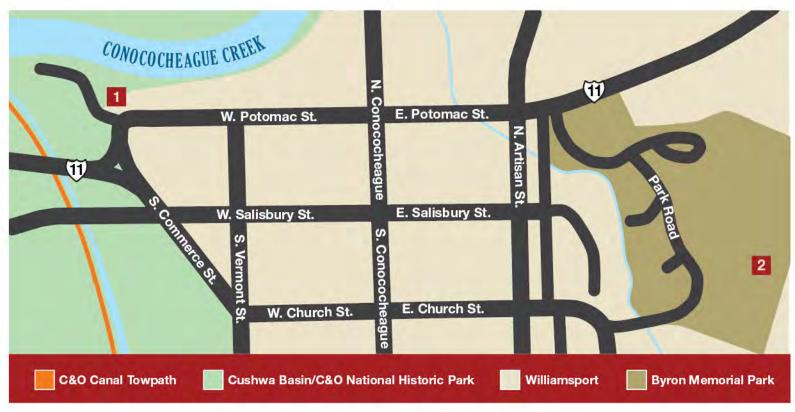
- 28 South Potomac Street
- 2 BROAD AXE 28 West Franklin Street
- 38 South Potomac Street
- ZEL & PIZZA 20 West Washington Street
- 12 Public Square
- 58 South Potomac Street
- 57 South Potomac Street
- 6 Rochester Place

# Dam #4 and Western Maryland Sportsmen's Club



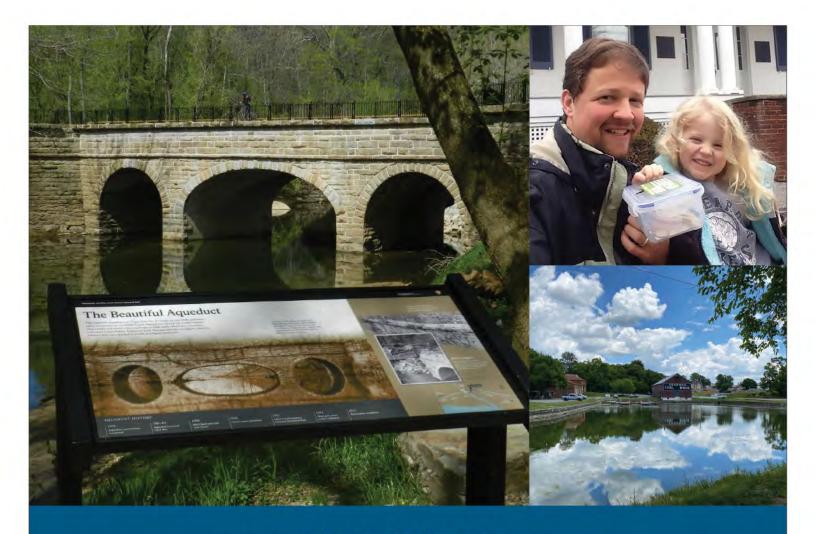
- 1 SLACKWATER POWER PLANT 890 Dam Four Rd., Shepherdstown, WV
- **WESTERN MD SPORTSMAN'S CLUB** 6504 Dam 4 Rd., Sharpsburg, MD
- 3 WILLIAM HAGERMAN FARMSTEAD 7207 Dam 4 Rd., Sharpsburg, MD
- 4 GUARD GATE AND WALL Sharpsburg, MD

# Williamsport Cushwa Basin and Springfield Barn









# \*\*\* WELCOME \*\*\* WORLD CANALS CONFERENCE!

Follow our geotrail to discover stories of the American Civil War, including some from the Chesapeake and Ohio Canal.

To learn more and get started, visit heartofthecivilwar.org/geo-trail.





A grant from the Maryland Heritage Areas Authority has helped make the 2021 World Canals Conference possible.



# Thank You for Attending the World Canals Conference in Hagerstown, MD!

We hope to see you next year in Leipzig, Germany! May 30 – June 3, 2022

https://www.wccleipzig2022.com/

WORLD CANALS CONFERENCE

2922

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