



# WTCAC EMERALD ASH BORER (EAB) WEB SERIES

## AGENDA

Date: Thursdays January 21<sup>st</sup> – February 25<sup>th</sup>

Time: 1PM – 3PM CST

Register [Here](#)

### Week One – Thursday, January 21<sup>st</sup> – Kick off Week – EAB 101

Time	Title	Speaker
1:00 PM	Welcome and WTCAC introduction from WTCAC President	Tina Van Zile
1:05 PM	Web Series Introduction and the Why by WTCAC Forestry Committee	Paul Koll
1:10 PM	Ecology and Cultural Significance of Ash in the Great Lakes Region	Les Benedict
1:30 PM	Why should I care? EAB impacts on ash forests in the Great Lakes Region	Tony D'Amato
1:50 PM	Maybe a bit of light in the gloomy EAB tunnel?	Deb McCullough
2:10	Break	
2:15	Panel Q & A & Open Discussion (Pre-submitted questions encouraged)	
	Wrap up and plug for next week's presentations	Paul Koll

### Week Two – Thursday, January 28<sup>th</sup> - Regulations and Planning

Time	Title	Speaker
1:00 PM	Welcome and WTCAC introduction from WTCAC President	Tina Van Zile
1:05 PM	Setting the Stage	Paul Koll
1:10 PM	EAB Domestic Regulation, Deregulation – USDA APHIS	Herb Bolton
1:30 PM	GLIFWC Risk Assessment and What Prompted It	Steve Garske
1:50 PM	What De-Regulation Means to the Tribes and Tribal Authority	Philomena Kebec
2:10 PM	Break	
2:15 PM	WTCAC Tribal Pest Survey Program	Lacey Hill Kastern
2:30	Panel Q & A & Open Discussion (Pre-submitted questions encouraged)	
	Wrap up and plug for next week's presentations	Paul Koll

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### Week Three – February 4<sup>th</sup> - Preparedness Planning

Time	Title	Speaker
1:00 PM	Welcome and WTCAC introduction from WTCAC President	Tina Van Zile
1:05 PM	Setting the Stage	Paul Koll
1:10 PM	Forest Stand Assessment Tools to Help Prepare for EAB	Greg Edge
1:30 PM	Climate Adaptation Strategies	Colleen Matula
1:50 PM	USDA ARS Activities Collecting and Preserving Ash Seed Diversity	Stephanie Greene & Jeff Carstens
2:10 PM	Break	
2:15 PM	Tribal Emergency Preparedness Planning	Carl Etsitty
2:30 PM	Panel Q & A & Open Discussion (Pre-submitted questions encouraged)	
	Wrap up and plug for next week's presentations	Paul Koll

### Week Four – February 11<sup>th</sup> - Preparedness Silviculture

Time	Title	Speaker
1:00 PM	Welcome and WTCAC introduction from WTCAC President	Tina Van Zile
1:05 PM	Setting the Stage	Paul Koll
1:10 PM	Menominee Tribal Enterprises Silviculture Guidelines	Tony Waupo Chick & Tommy Stueck
1:30 PM	MN Case Study – Pre-Contact Black Ash Management	Marcella Windmuller-Campione
1:50 PM	Planting as an adaptation strategy for addressing EAB	Tony D'Amato
2:10 PM	Break	
2:15 PM	Funding Opportunities and Support for the Tribes <ul style="list-style-type: none"> <li>• NRCS</li> <li>• APHIS PPQ</li> <li>• USFS</li> </ul>	Chris Borden Christopher Deegan Sunny Lucas
2:40 PM	Panel Q & A & Open Discussion (Pre-submitted questions encouraged)	
	Wrap up and plug for next week's presentations	Paul Koll



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## Week Five – February 18<sup>th</sup> – Infestation! Now what?

Time	Title	Speaker
1:00 PM	Welcome and WTCAC introduction from WTCAC President	Tina Van Zile
1:05 PM	Setting the Stage	Paul Koll
1:10 PM	Silviculture Techniques Post Detection	Paul Dubuque
1:30 PM	Parasitoids – Rearing, Release, and Results	Ben Slager
1:50 PM	Research on Optimizing Releases and Determining the Establishment and Impact of the Biocontrol Agents	Juli Gould
2:10 PM	Break	
2:15 PM	Ash, EAB, and Threats to Manoomin	Christian Nelson
2:35 PM	Panel Q & A & Open Discussion (Pre-submitted questions encouraged)	
	Wrap up and plug for next week’s presentations	Paul Koll

## Week Six – February 25<sup>th</sup> – Working together to Preserve History

Time	Title	Speaker
1:00 PM	Welcome and WTCAC introduction from WTCAC President	Tina Van Zile
1:05 PM	Setting the Stage	Paul Koll
1:10 PM	The Basket Making Tradition	April Stone and Jean Cox
1:50 PM	Other Cultural Uses of Ash	Michael Price
2:10 PM	Break	
2:15 PM	Management Strategies to Preserve These Traditions for Future Generations & Log Sharing Network Between Great Lakes Tribes	Michael Benedict
2:35 PM	Panel Q & A & Open Discussion (Pre-submitted questions encouraged)	
	Web Series Wrap-Up	Paul Koll

\*Agenda as of 12/15/2020. Final agenda including speaker bios to be released soon.

\*\*Speakers and time slots may be subject to change

\*\*\*Panel Q & A questions can be submitted in advance to [lhilkastern@wtcac.org](mailto:lhilkastern@wtcac.org)

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## Week One - Thursday, January 21<sup>st</sup> - Kick-off Week - EAB 101



**Paul Koll (Moderator):** Paul received a B.S. in Forest Ecosystem Restoration and Management from University of Wisconsin - Stevens Point in 2005 and an M.S. in Forest Ecology and Management from Michigan Tech in 2009. Paul worked at the USFS JW Toumey Nursery during graduate school and beyond until moving on to the Tribe. Since 2012, Paul has been the Tribal Forester for the Stockbridge-Munsee Community in Bowler, Wisconsin. Paul also chairs the WTCAC Forestry Committee, working to promote sound forest management across all 11 tribes in the state of Wisconsin. Email: [paul.koll@mohican-nsn.gov](mailto:paul.koll@mohican-nsn.gov)



**Les Benedict:** Les Benedict is Assistant Director of the Environment Division of the Saint Regis Mohawk Tribe. Email: [les.benedict@srmt-nsn.gov](mailto:les.benedict@srmt-nsn.gov)



**Tony D'Amato:** Tony D'Amato is a Professor of Silviculture and Applied Forest Ecology and Director of the Forestry Program at the University of Vermont. He received his B.S. in Forest Ecosystem Science from the University of Maine, M.S. in Forest Science from Oregon State University, and Ph.D. in Forest Resources from the University of Massachusetts. He was a faculty member for seven years at the University of Minnesota and a Bullard Fellow at Harvard University's Harvard Forest before joining the University of Vermont in January 2015. His research focuses on long-term forest dynamics, disturbance effects on ecosystem structure and function, and silvicultural strategies for conferring adaptation potential within the context of global change, including introduced insects and diseases. Contact info: [awdamato@uvm.edu](mailto:awdamato@uvm.edu); 802-656-8030



**Deborah McCullough:** Deborah G. McCullough holds graduate degrees in Forestry (M.S., Northern Arizona University) and Entomology (Ph.D., University of Minnesota). She is a Professor with a joint appointment in the Dept. of Entomology and Dept. of Forestry at Michigan State University, with research, extension, and teaching responsibilities. McCullough's research focuses on the ecology, impacts, and management of native and invasive forest insects, including emerald ash borer, beech bark disease, and hemlock woolly adelgid. She works with forest managers, regulatory officials, arborists, and landowners to develop sustainable management strategies to protect forest health. McCullough has published more than 120 papers about forest insect ecology and management in scientific journals and roughly 250 non-peer-reviewed articles and extension bulletins. She is a member of the National Forest

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Research Advisory Committee, the Science Advisory Board of American Forests, and the Michigan Forest Invasive Species Committee. Email: [mccullo6@msu.edu](mailto:mccullo6@msu.edu)

### Week Two – Thursday, January 28<sup>th</sup> - Regulations and Planning



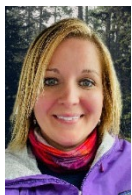
**Herb Bolton:** Herb Bolton serves as a National Policy Manager at the U.S. Department of Agriculture (USDA), Animal & Plant Health Inspection Service, Plant Protection and Quarantine, Emergency and Domestic Programs in Riverdale, MD. His program responsibilities include policy management for the Emerald Ash Borer and Biological Control. He is a Board Certified Entomologist with an M.S. degree in entomology from Rutgers – The State University and a Ph.D. in entomology from the University of Florida. Email: [Herbert.Bolton@usda.gov](mailto:Herbert.Bolton@usda.gov)



**Steve Garske:** Steve Garske is currently Invasive Species Coordinator for the Great Lakes Indian Fish and Wildlife Commission, Odanah, Wisconsin. He coordinated GLIFWC's ANA Forest Pest Project from 2013 through 2015. He has a B.S. in Biology from the University of Wisconsin-Oshkosh and an M.S. in Plant Ecology from the University of Minnesota-Duluth. Email: [steveg@glifwc.org](mailto:steveg@glifwc.org)



**Philomena Kebec:** Philomena Kebec is an Anishinaabekwe from the Bad River Band of Lake Superior Chippewa and a 2008 graduate of the University of Minnesota Law School. She currently serves as the Policy Analyst for the Great Lakes Indian Fish and Wildlife Commission (GLIFWC), focusing on Treaty Rights Implementation. At GLIFWC, Philomena has drafted a comprehensive food code for treaty-harvested foods, engaged in intertribal and intergovernmental coordination to update and improve tribal conservation regulations, and advocates for tribal interests in the development of law and policy on CWD, wolves, and land development decisions. Philomena enjoys living in the Anishinaabe Ceded Territories and spends time harvesting with her two children, Beatriz and Miles, and engaging in community harm reduction. Email: [pkebec@glifwc.org](mailto:pkebec@glifwc.org)



**Lacey Hill Kastern:** Lacey Hill Kastern is the Tribal Pest Survey Specialist and Deputy Director for the Wisconsin Tribal Conservation Advisory Council (WTCAC). She holds a B.S. from the University of Wisconsin Stevens Point in Wildlife Ecology: Research & Management & Biology. Over her career, she has worked for numerous agencies but has spent the past eleven years working directly with Tribes and conservation. Email: [lhillkastern@wtcac.org](mailto:lhillkastern@wtcac.org)



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## Week Three – February 4<sup>th</sup> - Preparedness Planning



**Greg Edge:** Greg is currently a Forest Ecologist/Silviculturist with the Wisconsin DNR, Division of Forestry, working on statewide silviculture and forest management issues. He has worked at the WDNR for 28 years in various positions, first as a field forester in Dane, Green, and La Crosse counties, then as the Forest Geneticist and Nursery Specialist, more recently as the Area Forestry Leader in the Mississippi River Area. Greg graduated from U.W. - Stevens Point in 1988 with a B.S. in Forestry Administration and received an M.S. in Forest Genetics from U.W. - Madison in 1991. Greg, his wife Michelle, and their three daughters live in La Crosse. Email: [Gregory.Edge@wisconsin.gov](mailto:Gregory.Edge@wisconsin.gov)



**Colleen Matula:** Colleen Matula works for the Wisconsin Department of Natural Resources as a Forest Ecologist/Silviculturist out of the Ashland, WI office. She focuses on black ash resiliency projects, WI EAB Silviculture guidelines, and Wetland forest habitat typing, among many forestry topics. Email: [Colleen.Matula@wisconsin.gov](mailto:Colleen.Matula@wisconsin.gov)



**Stephanie Greene:** Dr. Stephanie Greene is a Supervisory Plant Physiologist with the USDA Agricultural Research Service and is located at the National Laboratory for Genetic Resource Preservation in Fort Collins, Colorado. Her work focuses on preserving seed in long term storage. Email: [stephanie.greene@usda.gov](mailto:stephanie.greene@usda.gov)



**Jeff Carstens:** Jeffrey Carstens is the curator for the Fraxinus collection at the North Central Regional Plant Introduction Station located in Ames, Iowa. Jeff has been actively collecting from native plant populations for almost 20 years across the U.S. and his role as curator is to oversee acquisition, distribution, maintenance, and characterization of herbaceous and woody plant accessions. Email: [jeffrey.carstens@usda.gov](mailto:jeffrey.carstens@usda.gov)



**Carl Etsitty:** Carl Etsitty is the Plant Protection and Quarantine Tribal Liaison. Carl Etsitty is Tó'dich'ii'nii and Tó'áhani of the Diné (Navajo) Nation. Carl graduated from the University of Arizona with bachelor's and master's degrees in Soil, Water and Environmental Sciences. In his current position as Assistant Director of APHIS' Office of National Tribal Liaison, he plays a multifaceted role: providing guidance in carrying out Tribal consultation, reviewing Tribal implications of new/modified regulations, reaching out to Tribes, training staff, building cooperative partnerships, and more. Email: [Carl.Etsitty@aphis.usda.gov](mailto:Carl.Etsitty@aphis.usda.gov)

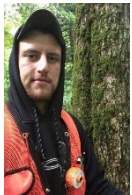
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## Week Four – February 11<sup>th</sup> - Preparedness Silviculture



**Anthony Waupochick:** Anthony Waupochick is a career forester at Menominee Tribal Enterprises, serving multiple appointments before becoming Silviculturist. His dedication to the Menominee Forest began early in life, spending time and appreciating access to tribal forest resources, later researching Menominee history and philosophy on sustainable forestry management. Anthony lives in Keshena, Wisconsin, with his wife, two remaining children at home, multiple chickens, ducks, and a golden retriever named Obi-wan. Anthony has an M.S. in Natural Resource Management from Central Washington University and a B.S. in Forest Administration from the University of Wisconsin-Stevens Point. Email: [tonyw@mtewood.com](mailto:tonyw@mtewood.com)



**Tommy Stueck III:** I started my professional career at Menominee Tribal Enterprises in the forest health department in April of 2019. I have a B.S. in forest management from UW-Stevens Point. Email: [tommys@mtewood.com](mailto:tommys@mtewood.com)



**Marcella Windmuller-Campione:** Dr. Marcella Windmuller-Campione is an Assistant Professor in the Department of Forest Resources at the University of Minnesota, where she focuses on teaching, research, and outreach related to forest management and silviculture. As a silviculturist, Marcella's overarching research goals are to explore the underlying dynamics of forests – how forests develop or are impacted by current and future disturbances – and to use that basic science to develop management strategies (silvicultural practices) that allow the sustainable management of forest ecosystems in the face of changing conditions. Email: [mwind@umn.edu](mailto:mwind@umn.edu)

**Tony D'Amato:** See week one speaker bios.

**Chris Borden:** Chris Borden is the Wisconsin State Tribal Liaison for NRCS. Email: [chris.borden@usda.gov](mailto:chris.borden@usda.gov)

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**Christopher Deegan:** Christopher Deegan is the State Plant Health Director for the USDA-APHIS Plant Protection & Quarantine (PPQ) state office in Madison, WI. He is responsible for managing all federally regulated plant pest and disease-related issues in this state. Previously, he was the PPQ State Plant Health Director in Portland, OR. Prior experience includes positions as the Plant Protection Section Chief for the Wisconsin state Dept. of Agriculture, Trade & Consumer Protection (DATCP), and the PPQ Supervisory Officer for the federal emerald ash borer response program in Indiana. Email: [christopher.deegan@usda.gov](mailto:christopher.deegan@usda.gov)



**Sunny Lucas:** Sunny Lucas is the Forest Health Group Leader for Forest Health Protection, State & Private Forestry, US Forest Service out of the St. Paul Field Office in St. Paul, MN. She supervises a team of forest entomologists, pathologists, and a forester that offer technical support to federal and tribal land managers across 7 Midwestern states (I.L., IN, IA, MI, MN, MO, and W.I.) dealing with forest pest issues. She holds an M.S. in Plant Pathology from Oregon State University and has worked for the Forest Service for over ten years. Before coming to St. Paul in 2018, Sunny was the manager of the Forest Service's Resistance Screening Center in Asheville, NC, where she worked with screening tree seedlings for disease resistance, and the program coordinator for the Port-Orford-cedar disease resistance breeding program at the Forest Service's Dorena Genetic Resource Center in Cottage Grove, OR. She can be reached at [Sunny.L.Lucas@usda.gov](mailto:Sunny.L.Lucas@usda.gov) or 651-649-5180.

## Week Five – February 18<sup>th</sup> – Infestation! Now what?



**Paul Dubuque:** With over twenty-two years' experience as a forester, ecological classification specialist, timber program coordinator, and Silviculturist, Paul Dubuque is responsible for reforestation activities on 4.2 million acres with the Minnesota Department of Natural Resources. He serves on several interdisciplinary forest management teams and provides strategic direction and leadership to the Division of Forestry. Paul has a B.S from the University of Minnesota in silviculture. He received certificates from the USDA Forest Service for the Program for Advanced Studies in Silviculture and state government leadership from the Emerging Leaders Institute in St. Paul, MN. In his free time, Paul enjoys hiking, canoeing, and spending quality time in nature. Email: [paul.dubuque@state.mn.us](mailto:paul.dubuque@state.mn.us)



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**Ben Slager:** Ben Slager is an entomologist by training and currently directs the Emerald Ash Borer (EAB) Biological Control Rearing Facility in Brighton, MI. He joined the EAB program in 2015 and has worked to facilitate expanding the biological control release footprint, increase public awareness of EAB biological control, and communicate technical information across national working groups. Ben also collaborates with USDA colleagues to further understand the biology and interactions of the EAB and its associated parasitoids. Email: [benjamin.h.slager@usda.gov](mailto:benjamin.h.slager@usda.gov)

**Juli Gould:** Juli S. Gould is an Entomologist for USDA APHIS PPQ S&T Laboratory Email: [juli.r.gould@usda.gov](mailto:juli.r.gould@usda.gov)



**Christian Nelson:** Christian has worked in Lake States forestry for over 20 years, including more than 16 YEARS with the Fond du Lac Band, three years concurrently working for the Mille Lacs Band, and five years working for the Minnesota and Wisconsin DNR. In addition to experience, Christian has pursued a bachelor's degree in wildlife management, a master's degree in forest management and has completed 440 hours of graduate-level advanced silviculture training through the U.S. Forest Service National Advanced Silviculture Program. Christian strives to apply the best and most current forest and fire management science in a way that represents the short and long-term interests of the Fond du Lac Band in an ever-changing natural and political environment so Band members may continue to exercise Tribal sovereignty, hunting, fishing, and gathering rights now and into the future. Email: [ChristianNelson@fdlrez.com](mailto:ChristianNelson@fdlrez.com)

## Week Six – February 25<sup>th</sup> – Working together to Preserve History



**April Stone:** April Stone is a self-taught Ash basket weaver and member of the Bad River Band of Lake Superior Chippewa (Ojibwe). In 1998, she spent a full year watching a basket used daily, unaware of the intimate relationship that was being formed. After one year of this basket in use, the lashing around its rim - broke. This natural material's strength moved her to the point of wanting to know all she could about the qualities and characteristics of the wood, what it could do, and how to weave with it. She then spent the following year raising babies and weaving one basket after another. One year later, she was asked to share her working knowledge with the community. Since then, she has been sharing her knowledge and teachings with tribes, folks, schools, colleges, youth



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groups, school programs, skill shares, and the like, traveling both nationally and internationally. Email: [aprilstonedahl@gmail.com](mailto:aprilstonedahl@gmail.com)

Jean Cox: Email: [jemcox@mitw.org](mailto:jemcox@mitw.org)

**Michael Price:** Michael Waasegiizhig Price is the Traditional Ecological Knowledge Specialist at the Great Lakes Indian Fish and Wildlife Commission headquartered in Odanah, WI. He is Anishinaabe and an enrolled member of Wikwemikong First Nations in Canada. His role as TEK Specialist involves integrating Anishinaabe language and cultural perspectives into research methods and resource management to make science more culturally relevant. Michael received his Master of Science in Forestry from the University of Montana and a Bachelor of Art in Biology from Benedictine College in Atchison, KS. He also received his Certificate of Ojibwe Language Instruction from Bemidji State University. Email: [mwaasegiizhig@glifwc.org](mailto:mwaasegiizhig@glifwc.org)

**Michael Benedict:** Mike Benedict works as a Forester in the Lake States for the Bureau of Indian Affairs. He is a ha been making baskets since the early 1980s. He, along with his brother Les has been working on black ash reforestation and identifying ideal sites for growing quality black ash trees. He worked as an instructor at the North House Folk School in Grand Marais, Minnesota, in the mid-2000s. Email: [michael.benedict@bia.gov](mailto:michael.benedict@bia.gov)

## The Planning Committee

The planning for this event began fall of 2019 and was planned to be an in-person event hosted by the Oneida Nation in May of 2020. We all know why that couldn't happen. This past fall, the planning committee reassembled virtually and started planning this web series. If possible, we would also like to have a field component this summer to accompany this series. More details to follow if this is possible. This event could not have been possible if it wasn't for the bi-weekly meetings and commitment from the following individuals. Thank you for dedicating your time and expertise to this event!

- Lacey Hill Kastern, WTCAC
- Gena Abramson, Bad River Tribe
- Jon Pruitt, WTCAC
- Leigh Greenwood, TNC
- Bill McNee, WDNR
- Tina Van Zile, Sokaogon Mole Lake Tribe
- Michael Benedict, BIA
- Melissa Johnson, Oneida Nation
- Russ Bullock, APHIS PPQ
- Steve Garske, GLIFWC
- Herbert Bolton, APHIS PPQ
- Jeff Mears, WTCAC
- Kira Kauffmann, USFS
- Colleen Matula, WDNR
- Philomena Kebec, GLIFWC
- Marcella Windmuller-Campione, UM
- Deborah McCullough, MSU
- Paul Koll, Stockbridge Munsee Tribe
- Nathan Siegert, USFS
- Jennifer Koch, USFS

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