



Association of Mid-Atlantic Aquatic Biologists 2025

Tuesday, March 25, 2025

Start	End	Event	Location
12:00	16:00	SRS Certification Training	Morgan Room
17:00	19:00	Early Registration	Hallway by Washington & Fairfax Rooms

Wednesday, March 26, 2025

7:30	8:30	On-Site Registration/ Continental Breakfast		Hallway by Washington & Fairfax Rooms	
Oral Presentations (Washington/Fairfax Room)					
Start	End	Title	Speaker	Agency/Business/Institution	Email
8:30	8:35	Welcome, AMAAB Business & Announcements	Mike Selckmann	AMAAB President; ICPRB	GMSelckmann@icprb.org
8:35	9:05	Keynote Address by Stuart Welsh	Stuart Welsh	West Virginia University	swelsch@wvu.edu
9:05	9:25	Seasonal variability of benthic macroinvertebrate assemblages in urban landscapes	Chris Ruck	Fairfax County, Watershed Assessment Branch	christopher.ruck@fairfaxcounty.gov
9:25	9:45	Assessing the influence of environmental and anthropogenic factors on the presence and distribution of rare, spring invertebrates in Shenandoah National Park	Hannah Girgente	Virginia Tech Department of Entymology	hannaw21@vt.edu
9:45	10:05	Winter stoneflies (plecoptera: capniidae) of the mid-Atlantic USA: diversity, distributions, and conservation prioritization	Phillip Hogan	Department of Entomology, University of Illinois, Urbana-Champaign	pnhogan2@illinois.edu
10:05	10:25	Comparing the Mountain and Piedmont spring sample seasons in Virginia	Mike Shaver	Virginia DEQ	michael.shaver@deq.virginia.gov
10:25	10:40	Break			
10:40	11:00	The rule of three nuisance midges on Back River in Baltimore County Maryland	Kevin D. Brittingham	Baltimore County Department of Environmental Protection and Sustainability	kbrittingham@baltimorecountymd.gov
11:00	11:20	Just scraping by: macroinvertebrate secondary production varies among functional groups in salinized central Appalachian headwaters	Kelley Sinning	Virginia Tech	ksinning@vt.edu
11:20	11:40	Macroinvertebrate community response to construction of the U.S. 522 Berkeley Springs bypass	Brenden Nauman	West Virginia University	bjn00012@mix.wvu.edu
11:40	12:00	Assessing quality and quantity of headwater stream food resources across a mining-induced salinity gradient in the Central Appalachian coalfield	Lisa Tabor	Virginia Tech	lmt@vt.edu
12:00	13:30	Lunch			
13:30	13:50	The stoneflies of West Virginia: A new annotated checklist	Theodore Cook	Illinois Natural History Survey	tcook10@illinois.edu
13:50	14:10	Local and downstream macroinvertebrate responses: are functional metrics more sensitive than structural ones To ecological change across land uses, management practices and regions?	Sergio Sabat-Bonilla	Virginia Tech	ssabatbonilla@vt.edu
14:10	14:30	Why taxonomy and systematics matter with conservation research: case studies on three stonefly species (Insecta, Plecoptera) from eastern North America	Scott Grubbs	Western Kentucky University	scott.grubbs@wku.edu
14:30	14:50	Investigating factors impacting the spread of invasive carp: implications for invasive species management	Erin Shepta	West Virginia University	es00064@mix.wvu.edu
14:50	15:10	Break			
15:10	15:30	Stonecat and Striped Shiner: using MBSS data to improve our understanding of Maryland's species of greatest conservation need	Tomas Ivasauskas	Maryland DNR	tomas.ivasauskas@maryland.gov
15:30	15:50	An eDNA assessment of the Diamond Darter (Crystallaria cincotta) in its current and historic distribution range	Cameron Layne	West Virginia University	cml00007@mix.wvu.edu
15:50	16:10	Citizen science reveals stream conductivity trends across West Virginia	Nathaniel "Than" Hitt	West Virginia Rivers Coalition	nhitt@wvrrivers.org
16:10	16:30	Comparison of traditional survey techniques versus Environmental DNA (eDNA) metabarcoding for the detection of fish and amphibians in Wadeable Pinelands streams	Brian F. Henning & Andrew F. Jensen	New Jersey DEP	Brian.Henning@dep.nj.gov
16:30	16:45	AMAAB Announcements, Business Elections, Raffles	Mike Selckmann & Mark Brickner	ICPRB / PADEP	GMSelckmann@icprb.org , Mbrickner@pa.gov
18:00	19:00	Historical Demonstration/Lecture	Doug Wood & Jim Cummins	Outside @ Firepit / Rumsey Room (bad weather)	
19:00	22:00	Evening Group Social	Washington/Fairfax Room		

Posters (Morgan Room)

Title	Speaker	Agency/Business/Institution	Email
Chesapeake Bay watershed region freshwater mussel partnership	James Shallenberger	Susquehanna River Basin Commission	Jshallenberger@srbc.gov
Eels in the classroom: development of a novel environment education program	Aaron Henning	Susquehanna River Basin Commission	ahenning@srbc.gov
An analysis of beaver dam analogs on fish communities at Little Gunpowder Falls	Katherine Chase	Maryland DNR, Chesapeake Conservation and Climate Corps	katherine.chase@maryland.gov
Restoration planning for freshwater mussel populations in the upper Potomac River, Maryland	Megan Kubala	Maryland DNR	megan.kubala@gmail.com
Identifying and characterizing nursery habitat for juvenile invasive carp (Hypophthalmichthys sp.) on the Ohio Rive	Becca Hiller	West Virginia University	rh00085@mix.wvu.edu
Comparison of readily available environmental DNA (eDNA) field filtration techniques for sampling fish and amphibian assemblages in Wadeable streams	Brian Henning	NJ DEP	brian.henning@dep.nj.gov
MD HAB Monitoring	Cathy Wazniak	MDDNR	catherine.wazniak@maryland.gov
eDNA for Freshwater Mussel Introduction in Restored Streams	Elliot Foster, Tom Dombrowski, Nikki Curtis	Prince William County	ncurtis@pwcgov.org
Something is missing? An analysis of taxonomic and functional trait biases in macroinvertebrate bioassessments of streams with implemented Conservation Management Practices in the Chesapeake Bay watershed.	Brice Crum	VT Entomology	bcrum42@vt.edu
Unlocking a century of hidden data	Claire Buchanan	ICPRB	cbuchan@ICPRB.org

Evening Social (Washington/Fairfax Room) 7 - 10 pm

Thursday, March 27, 2025

7:30	8:00	Continental Breakfast		Hallway by Washington & Fairfax Rooms	
Workshops					
Start	End	Title	Location	Instructor(s)	Email
8:00	12:00	Aquatic Plant Workshop *Class Limit: 25*	Old Inn	Emily Mayer / NJDEP	emily.mayer@dep.nj.gov
8:00	12:00	Taxonomy of Suckers (Catostomidae) *Class Limit: 20*	Fairfax	Nate Owens / WVDEP	nathaniel.v.owens@wv.gov
				Stuart Welsh / WVU	swelsh@wvu.edu
8:00	12:00	R-Stat Geospatial Operations and Workflows *Class Limit: 20*	Rumsey	Matt Shank / PADEP	mattheshan@pa.gov
8:00	12:00	Identification and Taxonomy of Larval Stoneflies (Plecoptera) *Class Limit: 30*	Washington	Jane Earle	JaneEarle@msn.com
				Mark Brickner / PADEP	mbrickner@pa.gov
8:00	12:00	Roundtable: Mid-Atlantic Freshwater Mussel Workgroup	Morgan	Jamie Shallenberger / SRBC	Jshallenberger@srbc.gov