	DAY 1 (June 10)			
Start time	Arundel A	Arundel B	Arundel C	Prince George
9:00 AM	Introduction			
9:15 AM	Plenary Speaker (9:15-10:00) Ashley Spivey, Kenah Consulting			
10:00 AM	Break (10:00-10:15)			
10:15 AM	Plenary Speakers (10:15-11:00) Martha Shimkin and Anna Killius, Chesapeake Bay Program Beyond 2025 Steering Committee Co-Chairs			
11:00 AM	Plenary Speaker (11:00-11:45) Hilary Harp Falk, Chesapeake Bay Foundation			
12:00 PM	Lunch (12:00-1:00)			
	Session 4: *Coupled human-natural systems in Chesapeake Bay* Raleigh Hood, DG Webster, Gary Shenk, et al.	*Session 14:* *Modern Research Innovations Harnessing Big Data, Machine Learning, and Remote Sensing for Advanced Estuarine Ecosystem Modeling and Monitoring* Kimberly Van Meter, Ryan Woodland, Jon Derek Loftis, et al.	*Session 6:* *Understanding the Landscape to Better Manage and Protect Aquatic Ecosystems* Sarah McDonald, Katie Walker	*Session 19:* *Carbon cycling in Chesapeake Bay* Raymond Najjar, Zhaohui Aleck Wang
1:00 PM	**D.G. Webster**: Media Representations of Risks and and Co-benefits of Water Quality Governance in the Chesapeake Watershed	**Kim Van Meter, Shuyu Chang**: Leveraging Machine Learning for Predictive Modeling of River Temperatures across the Chesapeake Bay Watershed: Assessing the Impacts of Changing Land Cover in a Changing Climate	**Peter Claggett, Sarah McDonald**: Mapping high-resolution land use/land cover in the Chesapeake Bay watershed	**Raymond Najjar, Maria Herrmann, Matthew S. Fantle, et al.**: The Chesapeake Carbon and Alkalinity Study (CHALK)
1:15 PM	**Jason Yoo, Patrick Bitterman**: Generating Artificial WIPs Using Machine Learning Methods to Explore Management Responses to Land Use Scenarios	**Jon Derek Loftis**: Enhanced River Stage Detection Using a Deep Learning Algorithm Combining AI and Edge Detection	**Sarah McDonald**: Understanding Land Use Change in the Chesapeake Bay Watershed	**Riley Westman, Raymond Najjar, Edward Stets, et al.**: Geology and Hydrology Drive Substantial Variations in the Carbonate Chemistry of Rivers Feeding the Chesapeake Bay
1:30 PM	**Patrick Bitterman, Jason Yoo**: Spatial Insights into Water Governance Challenges in the Chesapeake Bay Watershed: Mismatch, Inequality, and Path Dependency	**John Hammond, Jeremy Diaz, Phillip Goodling, et al.**: Forecasting the ecological impacts of hydrological drought in the Chesapeake Bay Watershed: Strategies for linking forecasted streamflow and groundwater conditions with potential biological and ecological responses	**Katie Walker:** Supporting Data-Driven Conservation Management	**Novia Mann, Hunter Walker, Quinn Roberts, et al.**: Seasonal and Spatial Variability of Dissolved Inorganic Carbon in the York and Potomac River Estuaries
1:45 PM	**Michele Romolini, Alexa Siglar, Paul T. Leisnham, et al.**: Agricultural Water Management in a Changing Mid-Atlantic: Stakeholder Experiences and Attitudes Towards Alternative Water Sources, Weather Variability, and Related Factors	**Jian Shen**: Machine Learning-based Wave Model with High Spatial Resolution in Chesapeake Bay	**Michelle Katoski, Matthew Baker**: Characterizing woodland structure using high-resolution spatial datasets	**Zhaohui Aleck Wang, Sophie Kuhl, Kate Morkeski, et al.**: Impacts of organic alkalinity on carbonate chemistry and carbon fluxes in the two tidal tributaries of the Chesapeake Bay
2:00 PM	**Sean Emmons, Taylor Woods, Kelly Maloney**: Prioritizing Stream Health Alongside Social Equity in the Chesapeake Bay	**Andrew Muller, Diana Lynn Muller**: Creating a Long-Term Climatologically Based Forecast for Hypoxia in the Chesapeake Bay	**Matthew Cashman, Gina Lee, Kelly Maloney, et al.**: An assessment of stream physical habitat conditions in unmonitored locations of the Chesapeake Bay Watershed	**Alexa K Labossiere, Marjorie A. M. Friedrichs, Pierre St-Laurent, et al.**: Impact of Tropical Storms on the Carbonate Chemistry of Two Contrasting Tidal Tributaries in the Chesapeake Bay
2:15 PM	**Allison Reilly, Jerin Tasnim, Birthe Kjellerup, et al.**: Septic to Sewer? Justice-focused strategies for addressing coastal septic failures under sea-level rise and increased flooding	**Carl Friedrichs, Dave Parrish, Chris Patrick, et al.**: Exploring Relationships Among and Controls on Estuarine Water Quality Parameters Using Unsupervised Clustering and Structural Equation Modeling	**Hannah Nisonson**: Pilot Framework for Fish Habitat Assessments Across Tidal and Non Tidal Waters in the Patuxent River Basin	**Maria Herrmann, Raymond Najjar, Caroline Spengler, et al.**: Upper Potomac River Estuary contributes disproportionately to the carbon dioxide outgassing of Chesapeake Bay
2:30 PM	Break (2:30-2:45)			

	DAY 1 Continued			
	Session 4 Continued	*Session 14* Continued	*Session 8:* *Water-quality patterns and trends in the Chesapeake Bay and its watershed: I. Innovative monitoring techniques and modeling tools* Kaylyn S. Gootman, Alexander Gunnerson, Efeturi Oghenekaro, Peter Tango	*Session 19* Continued
2:45 PM	**Alicia Lawson, Patrick Bitterman**: Rising Tides, Sinking Heritage: A GIS-Based Analysis of Sea-Level Rise Impacts on Chesapeake Archaeological Sites	**Allison Dreiss, Jeremy Testa, Vyacheslav Lyubchich, et al.**: Modeling Impacts of Nutrient Reduction, and Warming on Benthic Forage and Hypoxia in the Chesapeake Bay	**Patrick Neale, Shelby Brown, Tara Sill, et al.**: Chesapeake Water Watch: Validation of Volunteer Observations of Water Quality in Tidal Tributaries	**A. Whitman Miller**: High frequency, continuous measurements reveal strong diel and seasonal cycling of pCO2 and CO2 flux in a mesohaline reach of the Chesapeake Bay
3:00 PM	**Michelle Katoski, Peter Claggett**: Simulating alternative land use futures with high-resolution data	**Olivia N. Szot, Marjorie A.M. Friedrichs, Pierre St-Laurent, et al.**: Mechanisms impacting variability of hypoxia onset in the Chesapeake Bay	**Peter Tango, Bruce Vogt**: Enhanced monitoring supporting improved aquatic habitat assessment for Chesapeake Bay	**Anna Hildebrand, John Pohlman, Lee-Gray Boze, et al.**: Quantifying dissolved methane concentrations in surficial sediments and water column of the Chesapeake Bay
3:15 PM	**Vishwa Shah, Lalit Pal, Mahabub Arefin Chowdhury, et al.**: Evaluating the Effectiveness of Integrated Hydrologic and Water Quality Models for predicting WQQ in Occoquan Watershed	**Vyacheslav Lyubchich, Allison Dreiss, Ryan E. Langendorf, et al.**: Predictability network of oxygen concentrations in Chesapeake Bay	**Sergio A. Sabat-Bonilla, Marlaina Marvin, Kelly Maloney**: Rethinking Stream Recovery Assessment in the Bay: A Functional and Structural Perspective	**Cassie Gurbisz, Theresa Murphy, Meghan Stevens, et al.**: Submersed aquatic vegetation modifies estuarine inorganic carbon and alkalinity dynamics
3:30 PM	**Shantanu V. Bhide, Stanley B. Grant, Ahmed Monofy, et al.**: Addressing the sodium surge: An interactive model to inform management decisions in the Occoquan Reservoir	**Ryan Woodland, Vyacheslav Lyubchich, Jeremy Testa, et al.**: Using machine learning to develop models of habitat suitability for a range of benthic taxa in Chesapeake Bay	**Aaron Porter**: Monitoring water-quality response to urban-stream restoration in Fairfax County, Virginia	**Victoria J. Hill, Richard C. Zimmerman**: Assessing submerged aquatic vegetation blue carbon in The Chesapeake Bay from high resolution satellite imagery
3:45 PM	**Cameron Smith, Alan Leslie, Benjamin Beale, et al.**: The Presence of Total Coliforms and E. coli In Maryland Farm Private Drinking Water Wells	**Kim Van Meter, Victor Schultz, Shuyu Chang**: Quantifying Groundwater Nitrate Storage in the Upper Mississippi River Basin: Implications for Chesapeake Bay Watershed management	**Marina Metes, Zachary Clifton, Matthew Cashman**: Tracking the downstream fate of dam-removal sediment pulses in the Patapsco River using lidar and streamgage data	**Jill M. Arriola, Raymond G. Najjar, Maria Herrmann, et al.**: Seasonality of carbon and alkalinity export from a well-constrained brackish tidal marsh along the York River, Virginia
4:00 PM	**Joseph Delesantro, Thomas Butler**: Estimating and projecting crop yields to inform watershed nutrient modeling	**Alexander H. Kiser, Benjamin Gressler, Lindsey Boyle, et al.**: Updating the Biological Assessments of Non-Tidal Streams in the Chesapeake Bay Watershed: Improvements, Challenges, and Lessons Learned	**Claire Welty, Joel Moore, Daniel J. Bain, et al.**: Use of synoptic baseflow sampling coupled with groundwater modeling to assess groundwater contamination of urban streams	**Fei Da, Marjorie A.M. Friedrichs, Pierre St-Laurent, et al.**: Controls on the carbonate system of a coastal plain estuary: rivers, tidal wetlands, and tidal cycles
4:15 PM	**Jonathan Craig, Patricia Delgado, Stephen MacAvoy, et al.**: Microplastic and Polycyclic Aromatic Hydrocarbons Concentrations in Patuxent River Watershed (Jug Bay Region), Maryland	**Shuyu Y Chang, Doaa Aboelyazeed, Kamlesh Sawadekar, et al.**: Dams, nutrients, and water quality in the Chesapeake Bay Watershed	**James Webber**: Evaluating Water-Quality Trends in Agricultural Watersheds Prioritized for Management-Practice Implementation	**Seyi Ajayi, Raymond Najjar, Emily Rivest, et al.**: Relationship between benthic biomass and environmental conditions in Chesapeake Bay
4:30 PM		**Larry Davis**: Accessible Smart GI Health Monitoring	**Rui Jin, Anand Gnanadesikan, Marie-Aude Pradal, et al.**: Unraveling the CDOM Conundrum - The Interplay of Optics, Nutrient Loading, Productivity, and Hypoxia Dynamics in Chesapeake Bay	
4:45 PM			**Anand Gnanadesikan**: What can the abundance of functional genes tell us about how to model Chesapeake Bay?	
5:00 PM 7:00 PM	Poster Session, Reception, Guardian Award			

		DAY 2 (June 11)		
Start time	**Arundel A**	**Arundel B**	**Arundel C**	**Prince George**
9:00 AM		Panel Discussion (9:00-10:15) Beyond 2025: Visionary Paths in the Chesapeake Bay Restoration by the Next Generation		
10:15 AM		Break (10:15-10:30)		
10:30 AM		Panel Discussion (10:30-11:45) Advances in Coupled Natural and Human Systems Research, Understanding and Applications		
12:00 PM		Lunch (12:00-1:00)		
	Session 9: *Water-quality patterns and trends in the Chesapeake Bay and its watershed: II. Novel analysis and scientific communication approaches to inform management* Qian Zhang, Isabella Bertani, Kaylyn S. Gootman, John Clune	*Session 11:* *Tackling Ecosystem-Level Impacts from Rising Water Temperatures in the Tidal Waters of Chesapeake Bay* Julie Reichert-Nguyen, Jamileh Soueidan, Bruce Vogt	*Session 18:* *Examining Chesapeake Climate Change Impacts With Advances in Monitoring, Assessment Analyses, and Fine Scale Models* Lewis Linker, Joseph Zhang, Gopal Bhatt, Gary Shenk	*Session 10:* *Applications of remote sensing for water quality management* Stephanie Schollaert Uz, Shelly Tomlinson
1:00 PM	**Gary Shenk, Qian Zhang, Gopal Bhatt**: The Chesapeake Bay TMDL indicator: Integrating monitoring and modeling information to assess progress toward nutrient reduction goals	**Julie Reichert-Nguyen, Jamileh Soueidan, Bruce Vogt, et al.**: Summary of the Tidal Waters Recommendations from the Rising Water Temperature STAC Workshop Report	**Lew Linker, Joseph Zhang, Gopal Bhatt, et al.**: Phase 7 Models of the Chesapeake Watershed, Estuary, and Airshed – Exploring Future Challenges of Climate Change and Growth	**Samantha Smith, Stephanie Schollaert Uz, Dirk Aurin**: Assessing Satellite Ocean Color Datasets in the Chesapeake Bay: A Comparative Study with AERONET-OC
1:15 PM	**Olivia Devereux, Helen Golimowski**: Explaining Changes in Nitrogen and Phosphorus Loads Using Land Management Practice Data and How These Data Can Indicate Where Practices Could Be Targeted in the Future	**Jamileh Soueidan, Julie Reichert-Nguyen, Ronald Vogel**: Linking Marine Heatwave Events to Living Resource Considerations to Indicate Potential Impacts to Fisheries	**Gopal Bhatt, Isabella Bertani, Lewis Linker, et al.**: Recent advances in the development of a fine-scale Chesapeake Bay watershed model for 2035 Climate Change Assessment	**Michelle C. Tomlinson, Michelle C. Tomlinson, Elizabeth A. Staugler, et al.**: Monitoring Harmful Algal Blooms, improving resolution through remote sensing and community scientists
1:30 PM	**Keota Silaphone**: An assessment of cover crop nitrogen efficiencies in the United States Coastal Plain Province, 1980 - 2022	**Nathan P. Shunk, Piero L.F. Mazzini, Ryan K. Walter, et al.**: Vertical Structure of Marine Heatwaves in Chesapeake Bay	**Rashid Ansari**: Analyzing Watershed Responses to Climatic and Land Use Changes: Implications for Flood Risk and Nutrient Dynamics in the Susquehanna River Basin	**Xin Yu, Michelle C. Tomlinson, Jian Shen, et al.**: Combining satellite imagery and numerical modeling to simulate Margalefidinum polykrikoides blooms in the York River estuary
1:45 PM	**Isabella Bertani, Gopal Bhatt, Lewis Linker**: Characterizing streamflow and constituent loads in the Chesapeake Bay watershed through parsimonious Bayesian modeling	**Michael O'Brien, Ashlee Horne, Ian Park, et al.**: Impacts on Atlantic sturgeon spawning phenology following heat waves and large storms	**Andrew J. Miller, Mac S. Luu**: Temporal trends in watershed-average precipitation and streamflow extremes in the Baltimore metropolitan area	**Morgaine McKibben, Stephanie Schollaert Uz, Sherry Palacios**: Testing a hyperspectral, bio-optical approach for identification of phytoplankton groups in estuarine waters
2:00 PM	**Qian Zhang, Joel T. Bostic, Robert D. Sabo**: Regional patterns and drivers of total nitrogen and total phosphorus trends in the Chesapeake Bay watershed: Insights from machine learning approaches and management implications	**Jim Uphoff**: Spawning season temperature conditions associated with the recent declines in year-class success of Striped Bass in Maryland spawning areas	**Jaleel Shujath**: Adapting Stormwater Management to Climate Change: Analysis of Extreme Rainfall Trends in the Chesapeake Watershed	**Nima Pahlevan, William Wainwright, Akash Ashapure, et al.**: STREAM – A satellite-based water-quality monitoring system for effective assessment of water quality
2:15 PM	**Sam Miller, James Webber**: Evaluating nitrogen concentration – discharge patterns from agricultural Chesapeake Bay watersheds to inform management actions	**Andrew G. Keppel, Tom Parham, Jim Uphoff, et al.**: Changes in summer habitat conditions for resident Chesapeake Bay striped bass determined from interpolated historic water quality data	**Tori Tomiczek, Liliana Velásquez Montoya, Alex Davies, et al.**: Sea Level Rise Monitoring and Modeling at the United States Naval Academy for Flood Resilience	**David Parrish, Cassia Pianca, Carl Friedrichs, et al.**: Exploring the Use of Dataflow Water Quality Monitoring Platform to Calibrate Multispectral Satellite Imagery to Estimate Surface Water Clarity and Turbidity
2:30 PM	**Shuyu Y Chang, Qian Zhang, Nandita B Basu, et al.**: Past trajectories and future horizons of water quality in the Chesapeake Bay reservoir system	**Ron Vogel, Kim Couranz**: Exploring the Effects of Anomalous Conditions in Tidal Water Column Habitat on Chesapeake Bay Species via Seasonal Summaries	**Joseph Zhang, Jian Shen**: Overview on the Phase 7 Main Bay Model	**Suzanne Bricker, Varis Ransibrahmanakul, Katherine Okada, et al.**: Can satellite data products or state monitoring program data be substituted for on-farm in situ data for Oyster Aquaculture Modeling?

		DAY 2 Continued		
2:45 PM	**Sabrina Mehzabin, Kurt Stephenson, Daniel Fuka, et al.**: Environmental and management impacts of legacy nitrogen remediation using bioreactors	**Christopher J. Patrick, Marc Hensel; David Wilcox, et al.**: Outlook Hazy, Please Try Again: Contrasting futures of Chesapeake SAV under different climate and nutrient management scenarios	**Zhengui Wang, Joseph Zhang, Jian Shen**: Progress on the development of Phase 7 Chesapeake Bay Water Quality Model	**Peter Tango**: Options and Opportunities with Advanced Water Quality Monitoring Using Remote Sensing: A Summary of a 2022 Chesapeake Bay Program Scientific Technical Advisory Committee Workshop
3:00 PM	**Natalie Schmer, Hilary Dozier, John Clune, et al.**: Science communication tools of surrogate regression modeling designed to meet stakeholder needs	**Amanda Bevans**: Modeling the Effects of Habitat Changes in the York River Ecosystem, Chesapeake Bay	**Richard Tian, Zhengui Wang, Gopal Bhatt, et al.**: Modeling Wave-driven Shoreline Erosion in the Corsica and Choptank Estuaries, Chesapeake Bay	
3:15 PM	Break (3:15-3:30)			
	Session 9 Continued	*Session 16: Future Scenarios for Agriculture and Environmental Outcomes in the Chesapeake Bay Watershed* *David Abler, Lisa Wainger*	*Session 18 Continued*	*Session 7: River Corridor Sciences and Management* *Labeeb Ahmed, Marina Metes*
3:30 PM	**Kaylyn Gootman, Breck Sullivan, Alex Gunnerson**: CBP Tributary Summaries: Communication tool on water quality changes to inform management decisions	**Lisa A Wainger, Dave Abler**: Co-developing future land use and management scenarios to explore resilience of agro-ecological systems under uncertainty	**Kyle Hinson, Marjorie A.M. Friedrichs**: Response of hypoxia to future climate change is sensitive to methodological assumptions	**Dr. Robert Walter, Dr. Dorothy Merritts, Dr. Patrick Fleming, et al.**: Legacies lost and found: Improving stream restoration practice and water quality policies
3:45 PM	**Joseph Tamborski, Margaret Mulholland**: Nutrient loading via submarine groundwater discharge to the lower tributaries of Chesapeake Bay	**Edem Avemegah, Jessica D. Ulrich-Schad**: Residents' Support for Varied Scenarios for Agricultural Systems in Urbanized Landscapes	**Colin Hawes, Marjorie A.M. Friedrichs, Pierre St-Laurent**: Projected impacts of climate-induced changes in the ocean, land, and atmosphere on mid-21st century Chesapeake Bay hypoxia	**James Pizzuto**: New Data On Mid-Atlantic Piedmont River Corridor Sediment Transport Processes From the mid-Holocene to the Present: Implications for Restoration and Management
4:00 PM	**Michael Mallonee, Rikke Jepsen**: Biological stream health in the Chesapeake Bay watershed	**Kalra Marali, Raj Cibin**: Impacts of cover cropping on soil and water ecosystem services in the Susquehanna River Basin	**Julia Abrao Teixeira, Nicole Cai, Piero L.F. Mazzini, et al.**: Connectivity, Distribution, and Fate of Microplastics from Mid-Atlantic Bight Estuaries: A Lagrangian Particle Tracking Approach	**Zach Clifton**: Hidden legacies: investigating a buried pre-colonial stream corridor in the Atlantic Coastal Plain, Maryland, USA
4:15 PM	**David Secor**: Advancing complex science and natural history in advocating for Maryland's only sturgeon population	**Chenyang Hu, Darrell Bosch, Wei Zhang**: Extensive vs. Intensive Margin Approach of N Load Reduction from Agriculture: Implications for Chesapeake Bay Watershed	**Harry Wang, Jeremy Testa, Gopal Bhatt, et al.**: Fine-scale Patapsco River Tributary Model for Simulating Effect of Sanitation Sewage Overflow under Climate Change Conditions	**Dave Guignet, Eileen Gladd**: Application of Geospatial Data in Flood Hazard Mapping
4:30 PM	**Pierre St-Laurent, Marjorie A.M. Friedrichs**: An Atlas for Physical/Biogeochemical Conditions in the Chesapeake Bay	**Rashid Ansari**: Enhanced Flood Adaptation and Nutrient Management: Integrated Modeling for Regional Sustainability	**Qubin Qin, Jian Shen; Xun Cai, et al.**: The transport and retention conditions in the middle-lower Rappahannock River	**Gina Lee, Andrew Miller**: Application of high-resolution remote sensing to support hydraulic modeling and measurement of velocity fields
4:45 PM	**Rebecca Murphy, August Goldfischer, Jon Harcum, et al.**: Spatial-temporal interpolation tool for dissolved oxygen in Chesapeake Bay	**Jesse Bash, Chris Nolte, Daniel Loughlin, et al.**: Impact of decarbonization scenarios on atmospheric nitrogen deposition to the Chesapeake Bay	**Jian Zhao, Jiabi Du**: Fine scale numerical simulations of the Choptank River in the Chesapeake Bay	**Rohith A N, Cibin Raj, Alfonso Mejia**: Development of a medium-range ensemble streamflow forecasting system for the Potomac River Basin
5:00 PM			**Kenneth A Rose, Mark Monaco, Lee McDonnell, et al.**: More Consideration of Living Resources in Chesapeake Bay Restoration: "Hail to CESR" or "CESR Salad"	**Ollie Gilchrest**: Hydrodynamics and Sediment Transport in the Tidally Influenced James River, VA
5:00 PM – 7:00 PM	Poster Session, Reception			

	DAY 3 (June 12)			
	Arundel A	Arundel B	Arundel C	Prince George
	Session 17: *Co-designing solutions to support community resilience in the Chesapeake Bay Watershed* Vanessa Vargas-Nguyen, Sidney Anderson, Lili Badri, Veronica Lucchese, Bill Dennison	**Session 22:** *How do we achieve Fishable, Swimmable Urban Waters?* Efeturi Oghenekaro, Jennifer Keisman, Liz Chudoba	**Session 20:** *Harmful Algal Blooms impeding restoration in the Chesapeake Bay watershed: From the Shenandoah River to tidal Freshwater to Estuarine Waters* R. Christian Jones, Margaret Mulholland, Rosalina Christova, Judy O'Neil	**Session 23:** *General: Estuarine and Watershed Processes* Raleigh Hood
9:00 AM	**Vanessa Vargas-Nguyen, Bill Dennison, Kameryn Overton**: Applying the COAST Card Transdisciplinary Framework in the Chesapeake Bay Watershed	**Allyson Kido, Eric Schott**: Phytoplankton-Related Ecosystem Services of Bivalves in Baltimore Harbor	**Sydney M. Brown, Jacob Mormando, Hannah Toney, et al.**: Photosynthetic pigment concentrations and taxonomic composition of benthic algal mats from Shenandoah River, Virginia	**Sarah Preheim**: Major trends, gene-gene relationships, and environmental correlates of spatiotemporal shifts in the distribution of genes in Chesapeake Bay
9:15 AM	**Benjamin Zaitchik, Ken Davis, Claire Welty, et al.**: The Baltimore Social-Environmental Collaborative Urban Integrated Field Laboratory	**Margaret R. Mulholland, Alfonso Macias Tapia, Peter Bernhardt**: Nutrient loading to a lower Chesapeake Bay estuary during tidal flooding: a heretofore unconsidered nutrient load jeopardizing Bay restoration.	**Rosalina Stancheva Christova, S. Brown, A. Sohrab, et al.**: Effect of different batch culture conditions on toxin production and growth of the riverine cyanobacterium Microcoleus anatoxicus	**Gabrielle Ripa**: Non-native plant invasion of stream restoration projects on the Chesapeake Bay watershed
9:30 AM	**Lili Badri, Vanessa Vargas-Nguyen, Bill Dennison, et al.**: Enhancing Socio-Environmental Assessments through Community Listening Sessions in the Potomac Watershed	**Jim Uphoff**: Managing expectations for fishable urban Chesapeake Bay waters	**K.G. Sellner, D. Ferrier, K. Cappiella, et al.**: Internal nutrient loading, the new climate, and cyanobacteria in four Linganore lakes, western Maryland	**Nicole Cai**: Linkage between Estuarine Saltwater Intrusion and Marsh Evolution under Sea-level Rise
9:45 AM	**Leah Staub, Andrew Sekellick, Tristan Mohs**: Assessing water quality conditions in vulnerable communities in the Chesapeake Bay watershed	**Teresa Rodriguez**: Urban Fishing; Connecting Diverse Audiences to Aquatic Resources	**Judith M. O'Neil, S. Keller, C. Gurbisz, et al.**: Growth of the cyanobacterium Microseira (Lyngbya) wollei in Submerged Aquatic Vegetation beds on Susquehanna Flats	**Jeffrey Cornwell, Michael Owens, Lorie Staver, et al.**: Provision of Nutrient Ecosystem Services By Maryland Tidal Wetlands
10:00 AM	**Alisha Yee Chan**: Displacement of Racially and Ethnically Minoritized Groups after the Installation of Stormwater Control Measures	**Abby Hileman**: Keeping It Fresh: The Salt Watch Community Science Initiative	**R. Christian Jones, Hannah Toney**: Microseira wollei Studies in the Tidal Occoquan River in 2023: Growth, Toxin Production, and Epiphytes	**Carl Cerco**: The Influence of Submerged Aquatic Vegetation on Chesapeake Bay Dissolved Oxygen Concentration
10:15 AM	**Veronica Malabanan Lucchese**: Tackling inequity: web scraping for social network analysis on the Patuxent River Watershed	**Maya Sterett, Maureen Mitchell**: Encouraging informed recreation through DC citizen science water quality data	**Mary LePere, Dr. Victoria Hill**: Using Planet Satellite Imagery to Map and Quantify Harmful Algal Blooms in Chesapeake Bay Tributaries	**Amanda Small**: Strategies and resource needs for adapting Maryland's fisheries management structure to climate change
10:30 AM	Break (10:30-10:45)			

	DAY 3 Continued			
10:45 AM	**Nazia Nowshin, Jaleel Shujath, Medyaf Al Rousan, et al.**: Sustainable Urban Agriculture in the Chesapeake Watershed: The Triple-Yield System	**Dongmei Alvi, Amir Sharifi**: Microbial source tracking to improve water quality in Rock Creek River	**Richard Hale, Adriana Amrhein, Amber Tymul, et al.**: Linking sediment resuspension to harmful algal blooms in the lower Chesapeake Bay	**Jiangtao Xu**: Update on NOAA's New Operational Forecast System for the Northeast US
11:00 AM	**Adrienne Hobbins**: Data-driven decision making: a Central Pennsylvania case study on delisting agriculturally impaired streams and improving ecosystem resilience	**Trevor Needham**: Evaluation of high frequency fecal indicator bacteria sampling to forecast swimmable conditions in Urban Waters	**Adriana Amrhein, Rip Hale, Margaret Mulholland, et al.**: How wind-induced sediment resuspension influences harmful algal blooms within a shallow tidal tributary of the Chesapeake Bay	
11:15 AM	**Tom Ihde**: Reflecting on the paradigm – is the science community able to provide the necessary information to rigorously evaluate the benefits of living shoreline implementations?	**Alicia Ritzenthaler, Jonathan Champion, Nicoline Shulterbrandt**: MAPS: Making the Anacostia and Potomac Swimmable	**Dante M. L. Horemans, Marjorie A. M. Friedrichs, Pierre St-Laurent, et al.**: Unraveling environmental factors controlling harmful algal blooms in the Chesapeake Bay using generalized linear models	
11:30 AM	**John Wolf**: Virtual Crisfield – Climate Communication and 3D Visualization	**Dr. Eric Schott, Allison Blood**: This is how we swim in the Baltimore Harbor, this summer.	**Margie Mulholland, Eileen Hofmann, Peter Bernhardt, et al.**: Enhanced surveillance to improve HAB monitoring and detection: Toward an early warning system for HABs in the lower Chesapeake Bay	
11:45 AM	**Sidney Anderson**: Creating a Community Vision to Enable Lasting Change	**Lorena Kowalewski**: DC BMP and EJ Screen Analysis		
12:00 PM	**Bryan Bay**: A Resilient South County	**Mary Polacek**: Looking for a new approach on resident illicit sanitary connections- The DC Sanitary Sewer Correction Pilot project		