SETAC NORTH AMERICA 45TH ANNUAL MEETING

20–24 OCTOBER 2024 ★ FORT WORTH, TEXAS

Meeting Schedule

SETAC®

SESSION GRID

VIEW THE FULL MEETING PROGRAM.

	MONDAY 10:00–12:00 CT	MONDAY 13:30–15:30 CT	TUESDAY 10:00–12:00 CT	TUESDAY 13:30–15:30 CT	WEDNESDAY 10:00–12:00 CT	WEDNESDAY 13:30–15:30 CT	THURSDAY 10:00–12:00 CT	THURSDAY 13:30–15:30 CT
201 A	5.12.T The Intersection of Human Health and Environmental Risk Assessment: A One-Health Perspective	5.01.T Agriculture and One Health: Toxicology and Ecological Health Risk Assessment of Metals, Pesticides, and Other Agricultural Inputs	4.16.T New Perspectives and Developments in Chemical (Bio)Degradation and Persistence Assessment	5.10.T New Approaches and Data to Evaluate Environmental Risks of Sunscreens	6.04.T Risk Assessment, Remediation, and Restoration: Applying Interdisciplinary Approaches to Creating Successful Remediation and Restoration Projects	8.01.T Biodiversity Metrics for Improved Chemical Management	1.15.T Microbial Metagenomics: An Emerging Tool for Predictive Ecotoxicology	7.02.T Community-Based Participatory Research Approaches in Environmental Toxicology and Monitoring
201 B	5.13.T Treatment and Characterization of Permian Produced Water to Support Re-Use	2.05.T Canada's Oil Sands Mining and Dilbit Pipelines	8.02.T Biodiversity Responses to Chemical Pollution: From Species to Services	1.10.T Emergent Environmental Issues and Perspectives in Latin America	4.15.T Navigating Environmental Assessments for Evaluating Consumer Products and Chemicals of Concern	2.08.T One Health of Planktonic, Pelagic and Benthic Harmful Algal Blooms (HABs): The Detection, Fate, Effects, Monitoring, and Management of Blooms	1.04.T Behavioral Endpoints and Methods as a Line of Evidence in Regulatory Toxicity Testing	8.03.T Establishment of a Science-Policy Panel to Contribute Further to the Sound Management of Chemicals, Waste, and Pollution Prevention
202 AB	8.06.T SETAC-ACLCA Special Session: Nuts and Bolts of LCA	6.06.T The Trinity River Past, Present, and Future: Management of an Urban Watershed in a Growing City	7.09.T Two-Eyed Seeing: Bridging, Braiding and Weaving Indigenous Ecological Knowledge with Western Science to Inform Science	7.04.T Contributions of Three SETAC Lone Star Legends: Professors Kenneth L. Dickson, W. Thomas Waller and C. Herb Ward	1.11.T Environmental Issues in the Gulf of Mexico	7.07.T SETAC Special Session: Using SETAC's Successes on the 45th Anniversary as a Bridge to the Future	4.02.A.T Advanced Monitoring and Assessment Approaches for Improved Treatment of Contaminants of Emerging Concern and PFAS in Wastewater	7.01.T Combating Misinformation-Disinformation in Environmental Science: Potential Opportunities and Responsibilities for Scientists
202 CD	2.01.T Advances in Ecotoxicology of Scleractinian Corals and Other Coral Reef Organisms	6.06.T Tools, Methods, and Approaches for Natural Resource Damage Assessment	5.05.T Bridging the Gap Between Science Development and Policy, Regulatory, and Technology Needs for Complex Substances	4.14.T Methods for Assessing Environmental Fate and Effects of Difficult-to-Test Substances	5.02.A.T All Things Related to Endangered Species Assessment	5.02.B.T All Things Related to Endangered Species Assessment	2.02.T Advancing Aquatic Toxicity Test Methods: Developments in Testing and Data Analysis of Toxicity Test Methods for Effluents, Sediments, and Receiving Waters	6.03.T Preparing for an Environmental Emergency Response: Disaster Risk Assessment Lessons Learned from the Field
203 A	4.18.T Quantitative Non-Targeted Analysis (qNTA): Bridging the Gap Between Characterization and Quantitation	4.20.T The Practicalities of Non-Targeted Analysis to Support Decision Making	5.14.A.T Using Mechanistic Effect Modeling to Support Ecological Risk Assessment in the Context of the Endangered Species Act	5.14.B.T Using Mechanistic Effect Modeling to Support Ecological Risk Assessment in the Context of the Endangered Species Act	4.21.T Understanding Environmental Reactivity: Kinetics, Mechanisms, and Transformation Products	2.06.T Contaminant and Trace Element Biogeochemical Cycling in Aquatic Ecosystems	1.18.T Omics Approaches for Assessing Chemical Hazard and Toxicological Response	7.03.T Ensuring Scientific Integrity: Strategies for Assessing Study Reliability and Bias in Ecotoxicology
203 BC	4.13.A.T Mercury Bioaccumulation and Effects on Wildlife: Ecological Pathways, Cycling, and Risk	4.13.B.T Mercury Bioaccumulation and Effects on Wildlife: Ecological Pathways, Cycling, and Risk	7.06.A.T Metals: Current Affairs and R ecent Developments	7.06.B.T Metals: Current Affairs and Recent Developments	2.10.T Stormwater Runoff Impacts, Solutions, and Innovative Research	4.08.T Domestic, Agricultural, Landfill and Industrial Waste: Occurrence, Fate, and Effects of Contaminants	3.04.T Let's Talk About Snakes, Baby! (And Frogs, Lizards, Salamanders, and Turtles, Too...)	5.03.T Bayesian Networks in Environmental Risk Assessment and Management
204 AB	4.11.A.T Identifying and Linking Environmental Exposure to Biological Effects	4.11.B.T Identifying and Linking Environmental Exposure to Biological Effects	4.05.T Bridging the Gap Between the Unknown and the Known for PFAS Analysis	1.08.T Comprehensive Exploration of Immunotoxicity, Disease Susceptibility, and Immunology Across Organisms	4.19.A.T Spatial and Temporal Analysis of Organic Contaminants in Humans, Wildlife, and the Environment	4.19.B.T Spatial and Temporal Analysis of Organic Contaminants in Humans, Wildlife, and the Environment	4.02.A.T Advanced Monitoring and Assessment Approaches for Improved Treatment of Contaminants of Emerging Concern and PFAS in Wastewater	4.02.B.T Advanced Monitoring and Assessment Approaches for Improved Treatment of Contaminants of Emerging Concern and PFAS in Wastewater
BALLROOM A	1.02.A.T Advances in Bioaccumulation Science and Assessment	1.02.B.T Advances in Bioaccumulation Science and Assessment	1.07.A.T Cell-Based Approaches for Ecotoxicity Assessments	1.07.B.T Cell-Based Approaches for Ecotoxicity Assessments	4.06.A.T Challenges in PFAS Analyses and Detection	4.06.B.T Challenges in PFAS Analyses and Detection	8.05.A.T Practical, Effective, and Informative Monitoring and Risk Assessment Strategies for Macro- and Microplastics	8.05.B.T Practical, Effective, and Informative Monitoring and Risk Assessment Strategies for Macro- and Microplastics
BALLROOM B	4.22.A.T Understanding the Ecological Effects and Rolling Out Solutions for Tire Road Wear Particles and Related Chemicals	4.22.B.T Understanding the Ecological Effects and Rolling Out Solutions for Tire Road Wear Particles and Related Chemicals	1.03.A.T Advances in Environmental Quality Guidelines, Criteria, Objectives and Benchmarks	1.03.B.T Advances in Environmental Quality Guidelines, Criteria, Objectives and Benchmarks	1.12.A.T Exposure and Effects of Micro- and Nanoplastics in the Environment	1.12.B.T Exposure and Effects of Micro- and Nanoplastics in the Environment	4.04.T SETAC-A4 Special Session: Alternatives Assessment: An Evolving Landscape of Methods, Practice and Policy Supporting the Informed Substitution of Hazardous Substances	5.07.T Evolving Safety Assessments of Biological-Based Crop Protection Products: Progress of the OECD's Expert Group Biopesticides
BALLROOM C	3.05.A.T Wildlife Toxicity: Innovative Approaches for Evaluating Exposure and Effects of Contaminants in Free-Ranging Wildlife and Laboratory Animal Models	3.05.B.T Innovative Approaches for Evaluating Exposure and Effects of Contaminants in Free-Ranging Wildlife and Laboratory Animals	4.09.T Environmental Fate of Polymer	2.04.T Assessing Contaminant Effects in Ecosystems with Multiple Stressors	1.14.T Linking Molecular Impacts to Organism Health: Empirical and Theoretical Methods to Scale Contaminant Effects	1.09.T Distinguishing Mode-of-Action-Specific Toxicity from Non-Specific Effects: An Endocrine Disruption Conundrum	1.17.T Not Just Another NAM: Integrated, Intelligent, and Iterative Approaches to Ecological Risk Assessment	1.06.T Case Studies Using Molecular Tools and New Approach Methodologies for Assessing Toxicity in Non-Model Species

DAILY SCHEDULE

VIEW THE FULL DAILY SCHEDULE.

SUNDAY, 20 OCTOBER

Time (CT)	Event	Location
7:00–20:30	Registration	Grand Lobby
7:00–21:30	Coat and Luggage Check	Concourse, Ground Level
8:00–17:00	Professional Training Courses	See meeting platform
12:00–13:00	Lunch (on your own)	
18:00–18:30	Opening Ceremony	Ballroom B
18:30–21:00	Opening Reception and Exhibits	Exhibit Hall

MONDAY, 21 OCTOBER

Time (CT)	Event	Location
7:30–20:30	Coat and Luggage Check	Concourse, Ground Level
7:30–17:30	Registration	Grand Lobby
7:30–17:30	Speaker Ready Room	201 C
7:30–8:00	Poster Setup	Exhibit Hall
8:00–10:00	Posters, Exhibits and Refreshments	Exhibit Hall
8:30–9:15	Nicole Kleinstreuer: AI for Toxicology	Ballroom B
10:00–12:00	Morning Platform Sessions	See meeting platform
12:00–13:30	Lunch (on your own)	
13:30–15:30	Afternoon Platform Sessions	See meeting platform
15:30–17:30	Posters, Exhibits and Refreshments	Exhibit Hall

TUESDAY, 22 OCTOBER

Time (CT)	Event	Location
7:30–19:00	Coat and Luggage Check	Concourse, Ground Level
7:30–17:30	Registration	Grand Lobby
7:30–17:30	Speaker Ready Room	201 C
7:30–8:00	Poster Setup	Exhibit Hall
8:00–10:00	Posters, Exhibits and Refreshments	Exhibit Hall
8:30–9:15	Ben Masters: Biodiversity	Ballroom B
10:00–12:00	Morning Platform Sessions	See meeting platform
12:00–13:30	Lunch (on your own)	
13:30–15:30	Afternoon Platform Sessions	See meeting platform
15:30–17:30	Posters, Exhibits and Refreshments	Exhibit Hall

WEDNESDAY, 23 OCTOBER

Time (CT)	Event	Location
7:30–20:30	Coat and Luggage Check	Concourse, Ground Level
7:30–17:30	Registration	Grand Lobby
7:30–17:30	Speaker Ready Room	201 C
7:30–8:00	Poster Setup	Exhibit Hall
8:00–10:00	Posters, Exhibits and Refreshments	Exhibit Hall
8:30–9:15	Emily Monosson: Epigenetics	Ballroom B
10:00–12:00	Morning Platform Sessions	See meeting platform
12:00–13:30	Lunch (on your own)	
13:30–15:30	Afternoon Platform Sessions	See meeting platform
15:30–17:30	Posters, Exhibits and Refreshments	Exhibit Hall

THURSDAY, 24 OCTOBER

Time (CT)	Event	Location
7:30–17:30	Coat and Luggage Check	Concourse, Ground Level
7:30–15:30	Registration	Grand Lobby
7:30–15:30	Speaker Ready Room	201 C
7:30–8:00	Poster Setup	Exhibit Hall
8:00–10:00	Posters and Refreshments	Exhibit Hall
10:00–12:00	Morning Platform Sessions	See meeting platform
12:00–13:30	Lunch (on your own)	
13:30–15:30	Afternoon Platform Sessions	See meeting platform
15:30–16:30	Closing Remarks and Reception	Ballroom A

MEETING CHAIRS

Marlo Jeffries, TCU

Sarah Hughes, Shell

PROGRAM COMMITTEE MEMBERS

Jon Doering, Louisiana State University

Cole Matson, Baylor University

Stephanie (LaPlaca) Kennedy, Tox Strategies

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