

Poster Presentations

Abstract # Poster title, Author, Affiliation (in alphabetical order by author's last name)

- 154. Integrating Biological Monitoring Data from Diverse Sources: Lessons in Database Development and Data Synthesis from the Potomac Basinwide Assessment Project, **LeAnne Astin**, Interstate Commission on the Potomac River Basin
- 155. A Comparison of Single and Multiple Habitat Rapid Bioassessment Sampling Methods for Macroinvertebrates in Piedmont and Northern Piedmont Streams, **Karen A. Blocksom**, USEPA NERL
- 156. Sensor Technology Information Exchange (SenTIX), **Tonia Bohnen**, WPI
- 157. Comparison of riparian and catchment land use effects on stream fauna in the context of landscape features, **David W. Bressler**, Tetra Tech, Inc.
- 158. Laboratory Support for Microbiological Monitoring Projects in the U.S. Geological Survey, **Rebecca N. Bushon**, U.S. Geological Survey
- 159. Assessment of the variation in methods used by state agencies for collecting and processing benthic macroinvertebrate samples, **James L. Carter**, U.S. Geological Survey
- 160. Effects of sediment contaminants on benthic macroinvertebrate communities in Northeast Florida, **Aisa Ceric**, St. Johns River Water Management District
- 161. Portrait of a Volunteer Monitor, **Cheryl Cheadle**, Oklahoma Conservation Commission
- 162. Effective Networking for Successful and Sustainable Volunteer Stream Monitoring Programs in Urban Watersheds, **Joanna Cornell**, Northern Virginia Soil and Water Conservation District
- 163. The Regional Monitoring Program: Ten Years of Science in Support of Managing Water Quality in San Francisco Bay, **Jay A. Davis**, San Francisco Estuary Institute
- 164. withdrawn presentation
- 165. A Transferable Model of Stakeholder Partnerships for Addressing Nutrient Dynamics in Southeastern Watersheds, **William G. Deutsch**, Auburn University
- 166. The Volunteer Monitor Newsletter: An Effective Nationwide Communication Tool, **Eleanor Ely**, The Volunteer Monitor Newsletter
- 167. Monitoring Groundwater Quality In Kentucky: From Network Design to Published Information, **R. Stephen Fisher**, Kentucky Geological Survey
- 168. Enhancing Collaboration & Increasing Capacity in Extension Volunteer Monitoring Programs, **Linda Green**, URI Cooperative Extension
- 169. New England Extension Water Quality Program: Applying Knowledge to Improve Water Quality, **Linda Green**, URI Cooperative Extension
- 170. USDA-CSREES National Integrated Water Quality Program, **Linda Green**, URI Cooperative Extension
- 171. Water Quality Monitoring Programs in the City of Greensboro, **Rebecca Hall**, City of Greensboro
- 172. withdrawn presentation

173. withdrawn presentation
174. Biological monitoring: Assessing environmental contaminants in large river systems, **Jo Ellen Hinck**, U.S. Geological Survey – Columbia Environmental Research Center
175. Development of ELISAs for quantification of surfactants, endocrine disruptors and estrogens, and their application for environmental and biological sample analysis, **Masato Hirobe**, Japan EnviroChemicals, Ltd.
176. Overview of the National Wadeable Streams Assessment Program (WSA), **Susan Holdsworth**, USEPA Office of Wetlands, Oceans and Watersheds
177. An Innovative Approach to High Resolution GC/MS Analysis in Support of a PCB TMDL Study for the Delaware Estuary, **Dale Hoover**, AXYS Analytical
178. Evaluation of Three Algal Bioassessment Techniques as Indicators of Nutrient Enrichment and Changes in Stream Loading, **Lisa Houston Huff**, Alabama Department of Environmental Management
179. Opportunities for Individual Organizations using National Databases: The Utah Experience, **Arne Hultquist**, Utah Division of Water Quality
180. NOAA's National Status and Trends Program: An Overview, **Edward Johnson**, NOAA
181. From Wildcat Creek to STORET: Journey of Data, **Revital Katznelson**, State Water Resources Control Board
182. Expert System for Identifying CBR Agents in Water Supplies, **Lawrence H. Keith**, Instant Reference Sources, Inc.
183. Achieving high temporal resolution, parts-per-trillion per minute, mercury field-measurements in aqueous, environmental and industrial systems, **Frank Colich**, Frontier Geosciences Inc.
184. Temporal Changes in Water Quality of two Karst Springs in Northern Alabama, 1999-2001, **James A. Kingsbury**, U.S. Geological Survey
185. Rainfall variability introduced by data collection methods, **Sandra L. Kinnaman**, U.S. Geological Survey
186. A Database Of Mercury in the Fishery Resources of the Gulf of Mexico, **Frederick C. Kopfler**, USEPA Gulf of Mexico Program Office
187. The Development of an Index of Biotic Integrity for Headwater Streams in Northern New Jersey, **Alfred Korndoerfer**, New Jersey Department of Environmental Protection
188. Advanced Water Quality Monitoring and Sampling Technology in the Study of Deicers at Dallas/Fort Worth International Airport, Texas, **Kurt Kraske**, U.S. Geological Survey
189. Training Oregon Volunteers to Develop Meaningful Monitoring Plans, **Beth Lambert**, Oregon State University Extension Service
190. Assessing the Feasibility of Monitoring Aquatic Ecosystems on a Landscape Scale in Central Alaska, **Amy S. Larsen**, National Park Service
191. Comparability of Biological Assessment Methods – Prince George's County and the Maryland Biological Stream Survey, **Erik W. Leppo**, Tetra Tech, Inc.
192. withdrawn presentation
193. Direct Measurement of Ground Water Contaminant Discharge to Surface Water, **James R. Lundy**, Minnesota Pollution Control Agency
194. Development of a Habitat Assessment Tool for PDA, **Brian Watson**, Tetra Tech, Inc.
195. Evaluating Agricultural Best Management Practice (BMP) Effectiveness in the Lower St. Johns River Basin, Florida, **Lori L. McCloud**, St. Johns River Water Management District

196. High School Student Success in Perennial Stream Classification, **Mike K. Meyer**, Herndon High School
197. Evolution Of A Successful Monitoring Program In Suisun Marsh, CA, **Ken K. Minn**, California Department of Water Resources
198. Determination of Stream Biological Integrity Based on Fish Population Surveys, **Karyn Molines**, Jug Bay Wetlands Sanctuary
199. Multiparameter approach to tracking improved water quality and habitat conditions in Onondaga Lake New York, **Elizabeth C. Moran**, EcoLogic LLC
200. World Water Monitoring Day - Cleaner Water, Closer World: Connecting the Global Water Monitoring Community Through a Focal Event, **Edward Moyer**, America's Clean Water Foundation
201. The Presence, Levels and Relative Risks of Priority Pesticides in Selected Canadian Aquatic Ecosystems, **Janine Murray**, Environment Canada, National Water Research Institute
202. Old Mans Creek and Clear Creek, East-Central Iowa – The Role of Volunteers in a Snapshot Sampling, **Jacklyn Neely**, Iowa DNR
203. Bacterial Source Tracking in the Upper Iowa Watershed Using *E.coli* Ribotyping, **Eric H. O'Brien**, Iowa Department of Natural Resources, Geological Survey
204. Evaluating the Effects of Conservation Practices: Watershed-Scale Research and Monitoring, **Michael O'Neill**, Cooperative State Research, Education, and Extension Service
205. Mosquitoes and Stormwater Ponds... Testing the Perception, **Kristen L. Pavlik**, Tetra Tech, Inc.
206. The Importance of Rare Taxa to Multimetric Indices, **Kristen L. Pavlik**, Tetra Tech, Inc.
207. The New Jersey Toxics Reduction Workplan for NY-NJ Harbor: Blank Contamination Impacts on the Useability of Ambient Water Sample Data, **Joel A. Pecchioli**, New Jersey Department of Environmental Protection
208. WQ-WET: A Web-Based Application to Allow Local Water Quality Monitoring Projects to Submit Data for Storage in a STORET Database, **Jennifer Oknich**, Minnesota Pollution Control Agency
209. The Influence of Scale, Design, and Indicators in Watershed Assessment Outcomes, **Edward T. Rankin**, Center for Applied Bioassessment & Biocriteria
210. Monitoring input-output ion budgets in subalpine watersheds of central Colorado, **Chuck Rhoades**, U.S. Forest Service, Rocky Mountain Research Station
211. Monitoring, Education and Partnerships Through the Georgia Southeast and Coastal Region Training Center, **Joseph P. Richardson**, Savannah State University
212. Elemental Analysis of Clastic Sediments to Determine Fluvial Sediment Sources, **Mark S. Riedel**, USDA Forest Service
213. The Clickable Map Concept: Status of the Maryland Water Monitoring Council's Efforts to Provide Metadata Through a Geographic Information System, **Matthew Rowe**, Maryland Department of the Environment
214. Monitoring of Selected Herbicides, Antibiotics, Steroids, and Industrial Chemicals in Water by ELISA, **Fernando M. Rubio**, Abraxis LLC
215. Making Sense of Turbidity Measurements – Advantages in Establishing Traceability Between Measurements and Technology, **Mike Sadar**, Hach Company
216. Sediment and Water Quality Assessment in the Conasauga River Basin, **Adam J. Sharpe**, North Carolina State University
217. withdrawn presentation
218. Project A.W.A.R.E. – One Week, One Mission, One Piece of Junk at a Time, **Brian Soenen**, Iowa Department of Natural Resources

219. EPA's National Study of Chemical Residues in Lake Fish Tissue, **Leanne Stahl**, USEPA Office of Water
220. Upper Clear Creek Watershed (Colorado) – A Decade of Systematic Monitoring, **Timothy D. Steele**, TDS Consulting Inc.
221. New Partnerships for Regional Water Quality Coordination in the Great Lakes Region, **Kristine Stepenuck**, University of Wisconsin Extension
222. Virtual Fish, **Roger E. Stewart II**, Virginia Department of Environmental Quality
223. The Relationship of Performance Characteristics and Data Quality to the Comparability of Biological Assessments, **James B. Stribling**, Tetra Tech, Inc.
224. Squeezing blood from a turnip: Using limited monitoring data, impervious cover and land use information to establish subwatershed management goals and implementation strategies, **Paul Sturm**, Center for Watershed Protection
225. NEMI: An Online Tool to Assist Methods Comparability, **Daniel J. Sullivan**, U.S. Geological Survey
226. An Assessment of Volunteer Data for Anchorage Streams, **Shayla Swedlund**, Alaska Pacific University
227. Advances in High-Volume Sampling and Trace Analysis of Persistent Organic Pollutants, **David I. Thal**, Severn Trent Laboratories
228. An Innovative Approach for Evaluating the Horizontal and Vertical Distribution of Chlorinated Ethenes in a Fractured Bedrock Aquifer, **Timothy M. Jellett**, Apex Environmental Engineering & Compliance, Inc.
229. Detection of temporal trends in Ohio River fish assemblages based on lockchamber surveys (1957-2001), **Jeff A. Thomas**, ORSANCO
230. Watershed Approach to Project Implementation and Effectiveness Monitoring, **Kathy Thornburgh**, Snohomish County Public Works Department
231. Bay-Delta and Tributaries Cooperative Data Management System, **Marc Vayssières**, California Department of Water Resources
232. Comparing Monitoring Methods: The Grind About Sonicated Chlorophyll, **Marc Vayssières**, California Department of Water Resources
233. A Probability-based Monitoring Program for Assessing Status and Trends in the Biological Condition of Maryland Non-tidal Streams at Multiple Spatial Scales, **Mark T. Southerland**, Versar, Inc.
234. Using Fatty Acid Profiles of Fishes to Diagnose Watershed Health, **Martha J.M. Wells**, Tennessee Technological University
235. Top Down or Bottom Up? ALLARM's Experience with Two Operational Models for Community Science, **Candie C. Wilderman**, ALLARM, Dickinson College
236. Buzzards Bay Embayment Health Baywatchers: The Coalition for Buzzards Bay Citizen's Water Quality Monitoring Program, **Tony Williams**, The Coalition for Buzzards Bay
237. Sampling Strategies for Determining Volatile Organic Compound Concentrations and Loads at Karst Springs, **Shannon D. Williams**, U.S. Geological Survey
238. Assessing Restoration Efforts in the Lake Okeechobee Watershed Through a Nutrient Load Monitoring Program, **Molly S. Wood**, U.S. Geological Survey
239. Temporal Variation in Ohio River Macroinvertebrates: A Historical Rock Basket Comparison, 1960s to Present, **Matthew S. Wooten**, ORSANCO