

5 June 2003

Authors/Co-authors	Presentation Title	Venue	City	Scientific/ Public	Attendance	Date
Brady, V, G Niemi, L Johnson	Great Lakes Environmental Indicators Project	Great Lakes Wetlands Workshop	Kellogg Biological Station MI	Scientific	75	March 2001
Kingston, JC , poster	Development of Environmental Indicators of Condition, Integrity, and Sustainability in the Great Lakes Basin: an Introduction to the Diatom - Water Quality Subproject of the GLEI Project	North American Lake Management Society	Madison WI	Scientific	200	7-9 November 2001
Swackhamer, DL	Great Lakes Environmental Indicators Project	Science Advisory Board of the International Joint Commission of the Us and Canada	Windsor Ontario	Scientific	25	28 November 2001
Ciborowski, J.J.H	Overview of GLEI Project	Lake Erie Lamp Workgroup (Quarterly Meeting of Lake Erie Technical Workgroup)	Dunkirk NY	Scientific/ Fed/ State Managers	30	7 December 2001
Niemi, GJ	Overview of Great Lakes Environmental Indicators Project	Great Lakes Area Management Plan (Lamp)	Chicago IL	Scientific	15	13 December 2001
Swackhamer, DL	Indicators of Ecological Condition for the Great Lakes	St Croix Watershed Research Station of the Science Museum of Minnesota	Marine-on-St Croix MN	Scientific	10	17 Dec 01
Niemi, GJ	Great Lakes Environmental Indicators Project	Great Lakes Fisheries Commission	Duluth MN	Scientific	40	25 February 2002
Johnson, LB	Testing Indicators of Coastal Ecosystem Integrity Using Fish and Macroinvertebrates	Great Lakes Fisheries Commission	Duluth MN	Scientific		25 February 2002
Niemi, G, R Axler, V Brady, N Danz, J Hanowski, T Hollenhorst (speaker), G Host, L Johnson, C Johnston, J Kingston, R Regal, C Richards, D Swackhamer, R Howe, J Ciborowski, S Bradbury	Development of Environmental Indicators for the Us Great Lakes Coastal Region	Western Great Lakes Research Conference	Marquette MI	Scientific	60	2-3 April 2002

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Radix, C	Effects of Environmental Stresses on Zoobenthos of Nearshore Zones Across the Great Lakes.	Graduate Seminar Series, University of Windsor	Windsor Ontario	Scientific /Grad Students	40	19 March 2002
Niemi, GJ	Overview of Great Lakes Environmental Indicators Project	Cornell University Faculty Seminar	Ithaca NY	Scientific	60	25 April 2002
Niemi, GJ	Overview of Great Lakes Environmental Indicators Project	Ny Department of Conservation, Us Epa, Region 2	Albany NY	Scientific	12	26 April 2002
Johnson, LB	Overview of Great Lakes Environmental Indicators Project	Research Needs Planning Meeting for a Lake Erie Basin Habitat Strategy. Lake Erie Millennium Plan	Windsor Ontario	Scientific/ Federal, State Managers	30	15 May 2002
Niemi, G, R Axler, V Brady, J Hanowski, T Hollenhorst, G Host, L Johnson, C Johnston, J Kingston, R Regal, C Richards, D Swackhamer, R Howe, J Ciborowski, S Bradbury	Development of Environmental Indicators for the US Great Lakes Coastal Region	International Association of Great Lakes Research	Winnipeg Manitoba	Scientific	60	5 June 2002
Kingston, JC	Great Lakes Environmental Indicators: Diatom-based Assessment Tools in Coastal Wetlands.	International Association of Great Lakes Research	Winnipeg Manitoba	Scientific	50	2-6 June 2002
Johnson, L	Quantifying Stressors Across Shorelines of the Great Lakes: the Great Lakes Environmental Indicators Project	Mn Dnr Fisheries Research Staff	Duluth MN	Scientific		17 July 2002
Kingston, JC	Freshwater Diatoms and Their Role as Ecological Indicators in Rivers and Lakes	International Diatom Symposium	Ottawa Ontario	Scientific		29 August 2002
Kang, M	The Invasibility of Stressed Sites by Exotic Benthic Macroinvertebrates in the Great Lakes	Graduate Seminar Series	Windsor Ontario	Scientific/Public /Grad students	40	15 October 2002
Niemi, GJ, invited	Overview of Great Lakes Environmental Indicators Project	State of the Lakes Ecosystem Conference	Cleveland OH	Scientific/ Public	60	16 October 2002

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Kingston, JC	Great Lakes Environmental Indicators: Coastal Diatom -WQ Assessment Tools	Dr Rex Lowe's Limnology Class, Bowling Green State University	Bowling Green OH	Scientific	15	12 November 2002
Niemi, GJ	The Quest for Indicators of the US Great Lakes Freshwater Coast	Dept of Biology Seminar	Duluth MN	Scientific	80	13 December 2002
Johnson, LB	Lake Superior Canaries: Directing Ecological Change	Sea Grant: Superior Science for You	EPA MED Duluth MN	Public		15 January 2003
Johnson, LB	Lake Superior Canaries: Detecting Ecological Change	Sea Grant: Superior Science for You	Grand Portage Ontario	Public		16 January 2003
Swackhamer, DL , keynote speaker, MF Simcik, AD Adams, RA Lehr, DR Mount, G Ankley, SA Diamond, P Cook, R Erickson, L Burkhard	Developing Indicators of Chemical Stress to Nearshore Environments of the Great Lakes	Midwest Setac	Rhineland WI	Scientific	100	29-30 January 2003
Adams, AD , RA Lehr, MF Simcik, DL Swackhamer, SA Diamond, DR Mount	Photo-induced Polycyclic Aromatic Hydrocarbon Toxic Potentials of Larval Fish Habitat	Midwest Setac	Rhineland WI	Scientific	100	29-30 January 2003
Niemi GJ , keynote speaker	Development of Environmental Indicators for the US Great Lakes Coastal Region	Midwest Setac	Rhineland WI	Scientific	100	29-30 January 2003
Hrabik, T , L Johnson, V Brady, D Breneman, J Ciborowski, C Richards	Quantifying the Influence of Landscape Characteristics on Fish Communities in Coastal Riverine Wetlands for Use as Indicators	Eagle Symposium at Aslo Aquatic Sciences Meeting	Salt Lake City UT	Scientific	40	9-14 February 2003
Kelly, JR , PM Yurista, JM Morrice	Variability, Pattern, and Sensitivity of Ecological Indicators for Nearshore Regions of the Great Lakes	Eagle Symposium at Aslo Aquatic Sciences Meeting	Salt Lake City UT	Scientific		9-14 February 2003
Kingston, JC , GV Sgro, JR Johansen, KS Domzal, EF Stoermer, RP Axler	Diatom Indicators of Water Quality for the Coastal Zone of the Laurentian Great Lakes	Eagle Symposium at Aslo Aquatic Sciences Meeting	Salt Lake City UT	Scientific	20	9-14 February 2003

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Sierszen, ME , JC Brazner, JM Morrice, GS Peterson, AS Trebitz	Food Web Structure as a Potential Indicator of Nutrient Enrichment in Great Lakes Coastal Wetlands	Eagle Symposium at Aslo Aquatic Sciences Meeting	Salt Lake City UT	Scientific		9-14 February 2003
Simcik, MF , AD Adams, RA Lehr, DL Swackhamer, SA Diamond, DR Mount	Phototoxicity of Polycyclic Aromatic Hydrocarbons in Coastal Great Lakes Waters	Eagle Symposium at Aslo Aquatic Sciences Meeting	Salt Lake City UT	Scientific	15	9-14 February 2003
Yurista, PM , JR Kelly, SE Miller	Zooplankton Size-spectra as an Indicator in Great Lakes Coastal Waters	Eagle Symposium at Aslo Aquatic Sciences Meeting	Salt Lake City UT	Scientific		9-14 February 2003
Niemi, G, R Axler, V Brady, N Danz, J Hanowski, T Hollenhorst (speaker), G Host, L Johnson, C Johnston, J Kingston, R Regal, C Richards, D Swackhamer, R Howe, J Ciborowski, S Bradbury	Development of Environmental Indicators for the US Great Lakes Coastal Region	Northern Minnesota Geographic Information System User Group	Duluth MN	Scientific	30	30 February 2003
Host, GE , T Hollenhorst, L Johnson, J Schuldt, J Ciborowski, C Richards	Use of GIS and Remotely-sensed Data for a Priori Identification of Reference Areas for Great Lakes Coastal Ecosystems	Association of American Geographers	New Orleans LA	Scientific		4-7 March 2003
REFERENCE AREA						
Ciborowski, JJH	Overview of Great Lakes Environmental Indicators Project	Lake Erie Lamp Workgroup, Lake Ontario Interdisciplinary Science Conference, Great Lakes Research Consortium	Syracuse NY	Scientists/Fed, State Managers	80	13 Mar 03
Breneman, Dan	Developing Environmental Indicators for Great Lakes Coastal Margins	Great Lakes Fisheries Commission, Upper Lakes Common Session	Milwaukee WI	Scientists/Fed, State Managers	50	17-18 March 2003
Thompson, JA , JA Morrice, SL Batterman, AM Cotter, GS Peterson, N Danz	Wetland Morphologic and Biogeographic Influences on Algal Responses to Nutrient Loading in Great Lakes Coastal Wetlands	North American Benthological Society	Athens GA	Scientific		May
Niemi, GJ		Region 5 STAR Environmental Research Seminar	Chicago IL			17 June 03

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VJ Brady , Johnson, LB, DH Breneman, JJH Ciborowski, TR Hrabik, C Richards, J Schuldt	Relative Influence of Landscape Characteristics and Anthropogenic Stress on Fish Communities in Great Lakes Coastal Wetlands	Annual Conference of the International Association for Great Lakes Research	Chicago IL	Scientific		23 June 2003
Kang, M, JJH Ciborowski, LB Johnson, TR Hrabik, C Richards, J Schuldt	The Invasibility of Stressed Sites by Exotic Benthic Macroinvertebrates in the Great Lakes: a Test of Hypotheses Using <i>Echinogammarus ischnus</i>	Annual Conference of the International Association for Great Lakes Research	Chicago IL	Scientific		23 June 2003
Kingston, JC , KS Yanko, GV Sgro, JR Johansen, EF Stoermer, RA Axler, AR Kireta	Diatom Indicators of Ecological Condition for the Coastal Zone of the Laurentian Great Lakes	Annual Conference of International Association of Great Lakes Research	Chicago IL	Scientific		23 Jun 03
Morrice, JA	Algal Responses to Nutrient Loading in Great Lakes Coastal Wetlands	Annual Conference of the International Association for Great Lakes Research	Chicago IL	Scientific		23 Jun 03
Danz, N	Using Multiple Anthropogenic Stressors to Characterize Great Lakes Coastal Ecosystems	Annual Conference of the International Association for Great Lakes Research	Chicago IL	Scientific		23 Jun 03
Schuldt, J et al.	Identifying Reference Area at Great Lakes Coastal Margins: Application of a Priori Classification System Derived from Spatial Data on Anthropogenic Stressors	Annual Conference of the International Association for Great Lakes Research	Chicago IL	Scientific		23 Jun 03
Ciborowski, JJH	Reference Conditions, Degraded Areas, Stressors, and Impaired Beneficial Uses: Conceptual Integration of Approaches to Evaluating Human-related Environmental Pressures	Annual Conference of the International Association for Great Lakes Research	Chicago IL	Scientific		23 Jun 03
Yurista, PM	Zooplankton Size-spectra in Great Lakes Coastal Waters	Annual Conference of the International Association for Great Lakes Research	Chicago IL	Scientific		23 Jun 03

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Niemi, GJ	Negative Response of Bird and Aquatic Macroinvertebrates to Urban Development in Western Lake Superior	Annual Conference of the International Association for Great Lakes Research	Chicago IL	Scientific		23 Jun 03
Grandmaison, DD	Landscape Indicators of Nest Predation in Great Lakes Coastal Wetlands	Annual Conference of the International Association for Great Lakes Research	Chicago IL	Scientific		23 Jun 03
Adams, AD	Photo-induced Polycyclic Aromatic Hydrocarbon Toxic Potentials of Coastal Great Lakes Sites	Annual Conference of the International Association for Great Lakes Research	Chicago IL	Scientific		25 Jun 03
Brazner, JC	Fish Assemblages as Indicators of Lake Superior Coastal Wetland Condition	Annual Conference of the International Association for Great Lakes Research	Chicago IL	Scientific		23 Jun 03
Kingston, JC , DR Engstrom, E Swain, EF Stoermer, JR Johansen, GV Sgro, KS Yanko, AR Kireta, RA Axler	Paleolimnological Assessment of Ecosystem Condition in Great Lakes Drowned River Mouths	Society for Conservation Biology	Duluth MN	Scientific		28 June-7 July 2003
Howe, R , J Karr, A Wolf	Historical and Recent Approaches to the Assessment of Ecological Condition	Ecological Society of America	Savannah GA	Scientific		7 August 2003
Johnston, C , B Bedford, M Bourdagh, T Brown, C Frieswyk, L Vaccaro, J Zedlar	Plants as Environmental Indicators in Great Lakes Coastal Wetlands	Ecological Society of America	Savannah GA	Scientific		7 August 2003
Hanowski, J , R Howe, C Smith, D Marks, S, Price	What Can Birds and Amphibians Indicate about the Ecological Condition of Coastal Ecosystems?	Ecological Society of America	Savannah GA	Scientific		7 August 2003
Niemi, G , N Danz, R Regal, T Hollenhorst, V Brady, T Brown, L Johnson, J Hanowski	Experimental Design for Linking Stress with Response in the Great Lakes Coastal Ecosystem	Ecological Society of America	Savannah GA	Scientific		7 August 2003

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