

IAGLR 2000 Conference Schedule
(Revised 25 Mar 00)

[link to Champlain Session](#)

Tuesday, May 23, 2000 Morning		Platform Presentations	
SESSIONS	RECENT ADVANCES IN MERCURY RESEARCH <i>Chairperson(s)</i> James Hurley and David Lean	MODELING IN THE GREAT LAKES <i>Chairperson(s)</i> Joseph V. DePinto and William G. Booty	WILDLIFE TOXICOLOGY <i>Chairperson(s)</i> Brian Hickey and Christine Bishop
Room #	A121	B140-141	A119
8:00 AM	<i>Traditional Native Opening</i> OPENING CEREMONIES Gymnasium	Overview And Status Of The Lake Michigan Mass Balance Project Model Development. Richardson, W.L., Rygwelski, K.R., Settles, M.D., Pauer, J.J. Presenter: William L. Richardson	<i>Traditional Native Opening</i> OPENING CEREMONIES Gymnasium
8:20 AM	OPENING CEREMONIES CONTINUES	A Modeling Framework For Mercury Cycling In Lake Michigan. Zhang, X., Rygwelski, K.R. Presenter: Xin Zhang	OPENING CEREMONIES CONTINUES
8:40 AM	Effects Of Rainbow Smelt Invasion On Mercury Concentrations Of Predatory Fishes In Lakes Of Northwestern Ontario And Manitoba. Johnston, T.A., Leggett, W.C., Bodaly, R.A., Doucett, R.R., Cunjak, R.A. Presenter: Thomas (Tom) A. Johnston	Development Of A High Resolution Model For Lake Michigan Mass Balance Studies. Kreis, R., Settles, M., Melendez, W., Pauer, J. Presenter: Michael Settles	Spatial Distribution Of Polychlorinated Biphenyl And Organochlorine Compounds In Great Lakes Mallard Ducks (Anas Platyrhynchos). Beth, H.J., Gilbertson, M.K., Lazar, R., Glooschenko, V., Haffner, G.D. Presenter: Harold Beth
9:00 AM	Surface-Air Mercury Exchange Fluxes Measured At St. Anicet (Québec) Poissant, L., Pilote, M., Beauvais, C. Presenter: Laurier Poissant	Development Of a Contaminant Transport and Fate Mass Balance Calibration Model For Lake Michigan Mass Balance Project (LMMBP) Zhang, X., Richardson, W.L., Settles, M.D., Velleux, M. Presenter: Xiaomi Zhang	Contaminant Trends In Herring Gull Eggs In The Last Years Of The Millennium. Pekarik, C., Weseloh, D.V. Presenter: Cynthia Pekarik
9:20 AM	Partitioning And Transport Of Total And Methyl Mercury In Lake Superior Tributaries. Hurley, J.P., Babiarz, C.L., Cleckner, L.B., Rolfhus, K.R., Shafer, M.M., Back, R.C. Presenter: James P. Hurley	Large Scale Monitoring Efforts In Lake Michigan: EEGLE In The LMM balance Miller, S.M., Bogdan, J.J., Hornbuckle, K.C. Presenter: Sondra M. Miller	Vitelogenin Induction As A Biomarker And Bioassay For Contaminant-Exposed Wild Birds. Lorenzen, A., Casley, W.L., Chow, M., Williams, K.L., Shutt, J.L., Denslow, N.D., Moon, T. Presenter: Angela Lorenzen
9:40 AM	Hg(0) Photooxidation In Fresh And Salt Waters. Lalonde, J.D., Amyot, M., Kraepiel, A.M.L., Morel, F.M.M. Presenter: Janick D. Lalonde	Modeling The Influence Of Episodic Events On PCB And Pah Cycling In Grand Traverse Bay, Lake Michigan. Cohen, A.R., Baker, J.E., Eadie, B.J. Presenter: Abby R Cohen	Toxicokinetics Of PCBs In The Herring Gull (Larus Argentatus) Embryo. Assessing The Impact Of Lipid Metabolism On Exposure And Risk Of Hydrophobic Chemicals Of Maternal Origin. Norstrom, R.J., Drouillard, K.G., Gilman, A.P., Fox, G.A. Presenter: Ross J. Norstrom
10:00 AM	BREAK	BREAK	BREAK
10:20 AM	Fulvic Acid-Sulfide Ion Competition For Mercury Ion Binding In The Florida Everglades. Reddy, M. M., Aiken, G.A. Presenter: Michael M. Reddy	Spatial And Temporal Scale Effects On Multi-Media Modeling Of Large Lake Systems. Green, M.L., DePinto, J.V., Hornbuckle, K.C. Presenter: Mark L. Green	Geographic And Temporal Variations In Levels Of Eye-flukeparasites (Diplostomum Spp.) In Fishes And Amphibians From The St. Lawrence River. Marcogliese, D.J. Presenter: David J. Marcogliese
10:40 AM	Methyl Mercury Production In Agriculturally Impacted Wetlands And Bogs. Holmes, J., Lean, D. Presenter: Jonathan Holmes	Atmospheric Dispersion Coupled With Multimedia Distribution Of Semi-Volatile Organic Compounds. monabatti, M., Diamond, M.L., Johnson, B.L. Presenter: Mehran Monabatti	Investigation Of Abnormal Northern Leopard Frogs In Vermont. Levey, R.B. Presenter: Richard B. Levey
11:00 AM	Mercury - Canada-Wide Standards And Coal-Fired Plants, A Public Concern. Tilman, A Presenter: Anna Tilman	Developing a Multimedia Model of Chemical Dynamics in an Urban Area. Priemer, D.A., Diamond, M.L. Presenter: David Priemer	RATL: A Reptile And Amphibian Ecotoxicology Database. Pauli, D.B., Money, S.L., Perrault, J.A. Presenter: Bruce D. Pauli
11:20 AM	Preliminary Assessment Of Mass And Distribution Of Mercury Accumulated In Bottom Sediments Of Detroit River. Tomczak, Maciej Presenter: Maciej Tomczak	Modeling The Virtual Elimination Of Persistent Toxic Chemicals From Lake Ontario Macleod, M., Mackay, D. Presenter: Matthew J. Macleod	Chlorinated Hydrocarbon Concentrations In Plasma Of The Northern Water Snake (Nerodia Sipedon) From The Great Lakes Basin. Rouse, J.D., Bishop, C.A. Presenter: Jeremy D. Rouse
11:40 AM	Summary Hurley/Lean	Toxaphene In Lake Michigan: Primary Sources And Controlling Mechanisms DePinto, J.V., Feist, T.J., Moskus, P. Presenter: Joseph V. DePinto	Maternal Transfer Of Mercury To Eggs In Walleye (Stizostedion Vitreum): Intra and inter-population Variability And Effects On Embryonic Development Johnston, T.A., Latif, M.A., Bodaly, R.A., Fudge, R.J.P., Strange, N.E. Presenter: Thomas (Tom) A. Johnston

12:00 PM LUNCH CAFETERIA NAV CANADA

Tuesday, May 23, 2000			
Platform Presentations			
SESSIONS	EUTROPHICATION AND PLANKTON DEVELOPMENT IN GREAT LAKES OF THE WORLD <i>Chairperson:</i> Yas Watanabe	HAMILTON HARBOUR ECOSYSTEM: CHANGES BEGINNING <i>Chairperson:</i> Murray Charlton	FISHES AND THEIR FOODWEBS IN GREAT LAKES ECOSYSTEMS <i>Chairperson(s)</i> Lars Rudstam, Dean Fitzgerald And Donald J. Stewart
ROOM#	A211 Upstairs	D 101	LT/01/02 THEATRE
8:00 AM	<i>Traditional Native Opening</i> OPENING CEREMONIES Gymnasium		
8:20 AM	OPENING CEREMONIES CONTINUES		
8:40 AM	Algal Development And Production In Lake Baikal:A Case Study Of Eutrophication Of The Greatest Lake In The World. Watanabe, Y., Satoh, Y., Drucker, V.V. Presenter: Yasunori Watanabe	Changes In The Water Quality Of Cootes Paradise Marsh Following Carp Exclusion: 1993-1999 Chow-Fraser, P. Presenter: Patricia Chow-Fraser	Factors Affecting Motility Characteristics And Fertilizing Ability Of Sea Lamprey (Petromyzon Marinus) Spermatozoa. Ciereszko, A., Dabrowski, K., Toth, G.P., Christ, S.A., Glogowski, J. Presenter: Konrad Dabrowski
9:00 AM	On The Role Of The Atmosphere In The Formation Of The Lake Baikal Waters Chemical Composition. Khodzher, T.V., Obolkin, V.A., Potemkin, V.L. Presenter: Tamara Viktorovna Khodzher	Measurements Of Methyl-mercury In Hamilton Harbour Environmental Matrices. Anthon Y, D.H.J., Gil, M.J., Abrameto, M., Allan, R.J. Presenter: Don H.J. Anthony	Characterization Of Walleye Population Structure Through Study Of Major Histocompatibility Complex Molecules. Dixon, B., Booman, M., Johnson, T, Sale, P Presenter: Brian Dixon
9:20 AM	Nutrients In Lake Baikal: Their Level And Import From The Watershed To The Pelagic Zone. Satoh, Y.S., Sugiyama, M.S., Watanabe, Y.W., Drucker, V.D. Presenter: Yasuhiro Satoh	Research On The Properties Of Contaminated Sediments At The Randle Reef Remediation Site, Hamilton Harbour. Zeman, A.J., Rukavina, N.A., Patterson, T.S. Presenter: Alex J. Zeman	Stream Fish Assemblages And Habitat Associations In The Vicinity Of The Salmon River, New York Mckenna, J.E., Jr., Johnson, J.H. Presenter: James E. Mckenna
9:40 AM	Hydrophysical Processes And Distribution Of Dissolved Silicon In Lake Baikal Shimaraev, M.N., Domysheva, V.N., Semovski, S.V. Presenter: Sergei V. Semovski	Persistent Organic Pollutants In Hamilton Harbour: Current Status And Temporal Trends. Marvin, C.H., Thiessen, L., Charlton, M., Milne, J., Mccarry, B.E. Presenter: Chris H Marvin	Biotic And Abiotic Influences On Forage Fish Abundance In Eight New York Lakes. Warner, D.M., Effler, S.W., Callanan, C., Pearsall, W., Chiotti, T., Ruby, R., Harman, W.N., Mills, E.L., Rudstam, L.G. Presenter: David M Warner
10:00 AM	BREAK	BREAK	BREAK
10:20 AM	Molecular Approach In Study Of Species Diversity Of Baikal Picoplankton. Semenova, E.A. Presenter: Ekaterina A. Semenova	The Estrogenic Potency Of Water From The Windermere Arm Of Hamilton Harbour In Primary Cultures Of Rainbow Trout Hepatocytes And In Whole Fish. Schrag, B., Knopps, M., Hooley, T., Segner, H., Sherry, J. Presenter: James P. Sherry	Examining The Effects Of Stocking Fish In The Great Lakes: A Report On The Taking Stock Of Our Future Conference. Nalbone, J.S. Presenter: Jennifer S. Nalbone
10:40 AM	Bacterioplankton Of Lake Baikal And Of Its Tributaries In Monitoring System Drucker, V.V., Parfenova, V.V., Kostornova, T.Ya., Watanabe, Ya. Presenter: Valentin Valerianovich Drucker	Eutrophication Status Of Hamilton Harbour Charlton, M. N., Milne, J. E. Presenter: Murray N. Charlton	Comparison Of The Effects Of Vertebrate And Invertebrate Planktivory On The St. Lawrence River Pelagic Food Web. Thorp, J.H., Casper, A.F. Presenter: James H. Thorp
11:00 AM	Convection And Mixing Under The Ice In Lake Baikal. Granin, N.G., Jewson, D.H., Gnatovsky, R. Yu., Zhdanov, A.A. Presenter: Nick G. Granin	END OF SESSION	An Index Of Biotic Integrity (Ibi) For Fish Communities Of The St. Lawrence River, Québec La Violette, N. Presenter: Nathalie La Violette
11:20 AM	Long-Term Dynamics Of The Baikalian Phytoplankton Tuned Up By Solar Rhythms. Bondarenko, N.A., Evstafyev, V.K. Presenter: Nina Alexandrovna Bondarenko		Life-History Complexities Of Fishes And Food-Web Dynamics In Lake Ontario He, J. X., Stewart, D. J., Rand, P.S., Larly, J. Presenter: Ji X. He
11:40 AM	Cryophilic Communities In Lake Baikal. Bondarenko, N.A., Obolkina, L.A., Gorbunova, L.A., Molozhavaya, O.A. Presenter: Nina Alexandrovna Bondarenko		Recent Dynamics Of Predation By Lake Ontario Trout And Salmon Lantry, J.R., Stewart, D.J. Presenter: Jana R Lantry

12:00 PM LUNCH CAFETERIA NAV CANADA

Tuesday, May 23, 2000 Afternoon		Platform Presentations		
1:00 PM		KEYNOTE SPEAKER: Dr. Bill Rees, University of British Columbia "Ecological Footprints" Gymnasium		
SESSIONS	NEW CHEMICALS IN THE GREAT LAKES ENVIRONMENT <i>Chairperson:</i> Terry Bidleman	MODELING IN THE GREAT LAKES <i>Chairperson(s):</i> Joseph V. DePinto and William G. Booty	WILDLIFE TOXICOLOGY <i>Chairperson(s):</i> Brian Hickey and Christine Bishop	
Room #	A121	B140-141	A119	
2:00 PM	Sampling And Analyses Of Geosmin During A Taste And Odour Event In Lake Ontario 1999 Charlton, M.N., Brownlee, B.G. Presenter: Murray N. Charlton	Toward A Photochemical Model For Mirex In Lake Ontario. Lowe, K.A., Hassett, J.P. Presenter: Kelly A. Lowe	Effects Of Environmental Contaminants On Sexual And Neurological Development In The Common Snapping Turtle, Chelydra Serpentina Serpentina. Ashpole, S.L., Bishop, B.A., Brooks, R.J. Presenter: Sara L. Ashpole	
2:20 PM	Identification Of Sources Of Geosmin (GM) And 2-Methylisoborneol (MIB) In The St. Lawrence River Ridal, J.J., Brownlee, B., Hickey, M.B.C. Presenter: Jeff J. Ridal	Modeling Analysis Of Contaminant Load Reduction Scenarios For Lake Ontario Relative To Lake Trout Consumption Advisories. DePinto, J.V., Liu, S., Ausubel, S., Luckey, F., Skinner, L., Hayton, A., Booty, W.G., Young, T.C. Presenter: Joseph V. DePinto	Bioaccumulation And Toxicokinetics Of PCBs In American Kestrels (Falco Sparverius). Empirical Models For Estimation Of Elimination Rates Of Persistent And Readily Metabolized Congeners. Drouillard, K.G., Fernie, K., Smits, J.E., Bortolotti, G.R., Bird, D.M., Norstrom, R.J. Presenter: Ken G. Drouillard	
2:40 PM	A Comparison Of Enantioselective Degradation Of Alpha-Hexachlorocyclohexane In Arctic And Temperate Aquatic Systems Law, S., Diamond, M.L. Presenter: Sheryl Law	A Multi-Segment Mass-Balance Model Of PCB Fate In The Upper St. Lawrence River. MILFORD, L., Mackay, D. Presenter: Lynne Milford	The Effects Of Polychlorinated Biphenyls (PCBs) On Corticosteroid Levels In Tree Swallows Nesting Along The St. Lawrence River. MARTINOVIC, BM, Bishop, CAB, Lean, DL Presenter: Barb M. Martinovic	
3:00 PM	Congener-Specific Analysis Of Polychlorinated Naphthalenes In Air To Indicate Sources In The Great Lakes Region. Helm, P.A., Jantunen, L.M.M., Bidleman, T.F. Presenter: Paul A. Helm	Decision Tree For Sediment Management Peterson, G.W., Wolfe, J.R., DePinto, J.V. Presenter: John R Wolfe	Metal Contaminants In The Fur Of Bats Chiroptera: Vespertilionidae) From Ontario And Quebec Hickey, M.B.C., Fenton, M.B., Macdonald, K.C., Soulliere, C. Presenter: Brian Hickey	
3:20PM	Occurrence And Distribution Of Polychlorinated Naphthalenes (PCNS) In The St-Lawrence River (Lake St. Louis) Ecosystem. Garmouma, M, Poissant, L, Pilote, M, Helm, P, Bidleman, T Presenter: Laurier Poissant	Transformations Of PCB's In Sediments Of Fox River, Wisconsin. Imamoglu, I., Li, K., Christensen, E.R., Mc Mullin, J. Presenter: Ipek Imamoglu	Diversity And Abundance Of Invertebrate Fauna Of Hedgerows And Fields On Organic And Conventional Farms. Martin, P.A., Strack, B., Boutin, C. Presenter: Pamela A. Martin	
3:40 PM	BREAK		BREAK	
4:00 PM	Recovery Of Trace Organic Pollutants From Ambient Waters Using The Trace Organic Platform Sampler (Tops). Hassett, JP, Hughes, DJ, Litten, S Presenter: Donald J. Hughes	Sediment Transport Modeling In Lower Fox River. Lu, Q.L., Robert Nairn, R.B.N. Presenter: Qimiao Lu	Stormwater Detention Ponds Of Southern Ontario: Are They A Risk To Wildlife? Bishop, C.A., Struger, J., Dunn, L., Bedard, D. Presenter: John Struger	
4:20 PM	Strategic Sampling In Sewer Systems: A Simple Approach To Identify Metropolitan Sources Of PCBs In The Great Lakes Basin. Luckey, F., Heath, E., Litten, S., Reiter, H., Fowler, B. Presenter: Frederick Luckey	Modeling The Effect Of Zebra Mussels On Pcb Cycling In Saginaw Bay. Kaur, J., DePinto, J.V., Bierman, Jr., V.J., Feist, T.J. Presenter: Jagjit Kaur	Characterization Of Adrenergic Receptors In Chick Embryo Hepatocytes And The Effect Of 3, 3', 4, 4', 5-Pentachlorobiphenyl (PCB 126) On Receptor Function. Katynski, A.L., Moon, T.W., Kennedy, S.W. Presenter: Andrea L. Katynski	
4:40 PM	Rapid Biological Destruction Of Toxaphene & PCBs In Soils & Marine Sediments Through Microbial Gene Expression. Kline, Dr. Ellis, Young, C.W, Paynter, Dr. Val Presenter: Christopher W. Young	An Accurate Model Of Sediment Erosion And Transport. Jones, C., Lick, W. Presenter: Craig A. Jones	Organotins In Zebra Mussels (Dreissenapolyomorpha) In The St. Lawrence River : Levels And Possible Pathological Impacts Regoli, L., De Lafontaine, Y., Chan, H.M., Mikaelian, I. Presenter: Yves De Lafontaine	
5:00 PM	Polybrominated Diphenyl Ethers (PBDEs) In Fish From A Lake In The Vicinity Of A Potential Point Source . Dodder, N.G., Strandberg, B., Hites, R. A. Presenter: Nathan G. Dodder	An Iterative Method For Replacing Below Detection Level Values In Autoregressive Time Series Elliott, J.R. Presenter: Rick Elliott	END OF SESSION	
5:20 PM	Alkylphenols And Ethoxylates In Fish From Polluted Waters Of The Great Lakes Datta, S., Rheinstein, J.E. and Rice, C. L., U.S Presenter: Seema Datta	Modeling Changes In Phosphorus And Dissolved Oxygen Before And After Zebra Mussel Arrival In Lake Erie. Lam, D.C.L., Schertzer, W.M., Mccrimmon, R.C. Presenter: David C.L. Lam		
5:40 PM	END OF SESSION	Modeling Phytoplankton In Lake Michigan Using A High Resolution Carbon-Based Framework.. Pauer J.J., Richardson, W.L., Settles, M.D., Taunt, K.W. Presenter: James J Pauer		
6:00 PM				
7:00 PM – 9:00 PM POSTER & EXHIBITOR SESSION - Gymnasium 9:00 PM – 10:00 PM SPECIAL STUDENT MIXER – B121				

Tuesday, May 23, 2000 Afternoon		Platform Presentation	
1:00 PM	KEYNOTE SPEAKER: Dr. Bill Rees, University Of British Columbia "Ecological Footprints" Gymnasium		
SESSIONS	EUTROPHICATION AND PLANKTON DEVELOPMENT IN GREAT LAKES OF THE WORLD <i>Chairperson:</i> Yas Watanabe	THE SEDIMENTARY RECORD OF ENVIRONMENTAL CHANGE IN LARGE LAKES: LAST GLACIAL MAXIMUM TO LAST YEAR <i>Chairperson:</i> David Rea	FISHES AND THEIR FOODWEBS IN GREAT LAKES ECOSYSTEMS <i>Chairperson(s):</i> Dean Fitzgerald Donald J. Stewart and Lars Rudstam
Room #	A211 UPSTAIRS	D 101	LT/01/02 THEATRE
2:00 PM	Water Quality Of Lake Baikal As World Biggest Dam Lake. Verkhovzina, V.A., Kusner, Ju.S. Presenter: Valentina A. Verkhovzina CANCELLED	Ground-Penetrating Radar Investigations Of Nearshore Sediments Of Eastern Lake Michigan. Sauck, W.A., Laton, W.R., Seng, D.L., Vandereide, M.A. Presenter: William A. Sauck	Window On The Abundance, Species Richness, Diversity, And Evenness Of Fish In Lake Ontario Stewart, K.M., Sawyko, P.M. Presenter: Kenton M. Stewart
2:20 PM	The Effect Of Turbid Storm Runoff On Phytoplankton Dynamics In Monsoon Asia Toda, H., Kim, Y., Kim, H., Kim, C., Kim, B., Heo, W. Presenter: Bomchul Kim	Preliminary Results Of Stratigraphy And Paleoclimate From The Deepest Hole In Lake Superior. Rausch, D.E., Wattruss, N.J., Johnson, T.C. Presenter: Deborah E. Rausch	Changes In Eastern Lake Erie Rainbow Smelt (Osmerus Mordax) Diets Following Phosphorus Reductions And Invasion By Dreissena Sp. Parker, S.L., Witzel, L., Einhouse, D.W., Mills, E.L., Rudstam, L.G. Presenter: Sandra L. Parker
2:40 PM	Eutrophication And The Proliferation Of Bloom-Forming Algae In Lake Biwa, Japan. Tsujimura, S. Presenter: Shigeo Tsujimura	Accumulation Of Manganese And Lead-210 In Dated Sediments Of Eastern Lake Erie: Influence Of Recurrent Episodes Of Oxygen Depletion Above The Central Depositional Basin Robbins, J.A., Rossmann, R., Mudroch, A., Rood, R. W., Morehead, N. R., Edgington, D. N. Presenter: John A. Robbins	A Comparison Of The Mysis Relicta Population In Lake Ontario Between 1990 And 1995. Perkins, Jamie K. Presenter: Jamie K. Perkins
3:00 PM	Separating The Effects Of Phosphorus Loading Reductions From Zebra Mussel Impacts On Phytoplankton. Todd, A.K., Todd, A.K., Sherman, R.K., Sherman, R.K. Presenter: Aaron K. Todd	Sediment-Based Trends In Lake Erie: Hypsithermal Warming To Present. Kempthorne, R.A., Barrera, E., Coakley, J.P., Palmer, D.F., Tevesz, M.J.S. Presenter: Rebecca Kempthorne	Are Zooplankton Food Resources Sufficient For Larval Yellow Perch Recruitment In Lake Michigan? Mcnaught, A.S., Granet, J.J.Kins, J.K., Johannsson, O.E Presenter: Scott McNaught
3:20 PM	A Shift In Mesozooplankton Community Structure In Southern Lake Michigan Agy, M.A., Vanderploeg, H.A., Johengen, Presenter: Megan A. Agy	Sedimentation During The Last Millennium In Southern Lake Winnipeg. King, J.W., Lewis, C.F.M., Thorleifson, L.H., Heil, C., Gibson, C. Presenter: John W. King	Capacity For Growth In Young Yellow Perch Among Lakes In The Great Lakes Basin. Fitzgerald, D. G. Presenter: D. G. Fitzgerald
3:40 PM	BREAK	BREAK	BREAK
4:00 PM	Long-Term Changes In Plankton Communities With Phosphorus Loading Reductions In The Severn Sound Area Of Concern. Coulas, R.A., Todd, A.K., Sherman, R.K. Presenter: Robert A. Coulas	Overview Of The Lake Winnipeg Project: Paleoenvironments Of Lake Agassiz And Lake Winnipeg. Thorleifson, L. H., Forbes, D. L., Lewis, C. F. M., Todd, B. J., Nielsen, E., Plus 19 Others. Presenter: Harvey Thorleifson	Diet Of Double-Crested Cormorants In Oneida Lake, NY. Adams, C.M., Rudstam, L.G., Vandevalk, A.J., Forney, J.L., Richmond, M.E. Presenter: Connie Adams
4:20 PM	Effect Of Trace Nutrient Additions On Phytoplankton Growth And Photosynthetic Response In Lake Erie Mckay, R.M.L., Twiss, M.R., Bourbonniere, R.A., Qin, X., Wilhelm, S.W. Presenter: Robert M. McKay	The Lake Winnipeg Project: Closed Then Open Lake Environments In The Evolution Of Lake Winnipeg. Lewis, C.F.M., Forbes, D.L., Todd, B.J., Nielsen, E., Thorleifson, L.H. Presenter: Michael Lewis	Anglers And Cormorants: Comparison Of Effects Of The Top Predators In A Large Lake Food Web. Vandevalk, A. L., Adams, C., Rudstam, L.G., Richmond, M. Presenter: Anthony L. Vandevalk
5:00 PM	Can Ultraviolet Radiation Dose Predict Impact On Phosphorus Cycling In Plankton Communities? Allen, C.D., Smith, R.E.H. Presenter: Christopher D. Allen	Upper Great Lakes Water-Level And Climate Changes 11-7 Ka: Effect On The Sheguiandah Archeological Site, Manitoulin Island, Lake Huron. Anderson, T.W., Lewis, C.F.M. Presenter: Thane W. Anderson	Diet Composition And Fish Consumption Of Double-Crested Cormorants In The Eastern Basin Of Lake Ontario Johnson, J.H., Ross, R.M., Mathers, A. Presenter: James H. Johnson
5:20 PM	UVR Damage And Repair Kinetics In Lake Erie Phytoplankton: A New Model For Predicting UVR-Dependent Photosynthesis Hiriart, V.P., Smith, R.E.H. Presenter: Veronique P. Hiriart	Early Holocene (8500-8900 CYBP) Laurentide Meltwaters In The Huron, Michigan And Georgian Bay Paleolakes. Rea, D.K., Moore, T.C., Walker, J.C.G., Lewis, C.F.M., Shane, L.C.K., Smith, A.J.. Presenter: David K. Rea	Diet Composition And Fish Consumption Of Double-Crested Cormorants From Three St. Lawrence River Colonies Johnson, J.H., Bendig, A. Presenter: James H. Johnson
5:40 PM	Future Directions Of Research On Lake Baikal And Its Watershed Wender, Ulrich Presenter: Ulrich Wender	Spectral Characteristics Of Proglacial Lake Sediments: Periodicities And Climate Signals In The Sediments Of Glacial Lake Hitchcock And Other Varved Sections. Ekdahl, E.J., Moore, T.C., Rea, D.K. Presenter: Erik J. Ekdahl	Foraging Locations Of Double-Crested Cormorants (Phalacrocorax Auritus) And Associations With Fish Densities In The Western Basin Of Lake Erie. Stapanian, M.A., Bur, M.T., Tyson, J.T., Seamans, T.W., Blackwell, B.F. Presenter: Martin A. Stapanian
6:00 PM	Chlorophyll A - Biomass Indicates Re-oligotrophication In Lake Constance? Stich, H. B. Presenter: Hans Bernd Stich	Varve Deposition And Inferences Of Hydrologic Forcing: An Example From Glacier-Fed Moose Lake, British Columbia. Desloges, J.R., Raymond, E.L. Presenter: Joseph R. Desloges	Seasonal Fish-Zooplankton Dynamics In Three Lake Ontario Embayments With Differing Productivity Klumb, R.A., Rudstam, L.G., Mills, E.L., Beelick, K. Presenter: Robert A. Klumb
6:20 PM	Future Control Of Utrrophication In Ultraoligotrophic Lake Tahoe, California/Nevada USA. Goldman, C.G. Presenter: Charles R. Goldman	END OF SESSION	END OF SESSION
7:00PM – 9:00PM POSTER & EXHIBITORS SESSION - Gymnasium 9:00 PM STUDENT MIXER – B121			

Wednesday, May 24, 2000		Platform presentations		
SESSIONS	WORKSHOP <i>Moderator:</i> Chris Goddard	ENVIRONMENTAL GEOLOGY AND SEDIMENTS OF THE GREAT LAKES <i>Chairperson(s):</i> John P. Coakley , Steve M. Blasco and Mike Lewis	MODELING IN THE GREAT LAKES <i>Chairperson(s):</i> Joseph V. DePinto and William G. Booty	ENVIRONMENTAL ECONOMICS AND THE GREAT LAKES BASIN <i>Chairperson(s)</i> Frank R. Lichtkopper Tom Muir
ROOM#	D101	LT/01/02 THEATRE	B140-141	E213-215 UPSTAIRS
8:00AM	Researchers and the Media: Opportunities for Impact	BREAK	Bio-Optical Model Of The Lake Baikal Phytoplankton Community Dynamics In Lake Ecosystem. Semovski, S.V. Presenter: Sergei V. Semovski	BREAK
8:20AM		Ecological Benefits Of Contaminated Sediment Remediation In The Great Lakes Basin. Zarull, M.A., Hartig, J.H., Krantzberg, G. Presenter: Michael A Zarull	Observations And Modeling Of Thermal Bar Mediation Of Horizontal Structure In Bacterio- And Phytoplankton Populations In Lake Superior. Bub, L.A., Elenbaas, K.D., Auer, M.T. Presenter: Laura A. Bub	The Impact Of Low Water Levels In The St. Lawrence River On Recreational Activities: A Case Study. Bibeault, J.F. Presenter: Jean-François Bibeault
8:40AM		Assessment Of Contaminated Sediments In Slip C, Duluth Harbor, MN Crane, J.L. Presenter: Judy L. Crane	Observations And Modeling Of Bacterioplankton In The Deep Chlorophyll Maximum Of Lake Superior. Elenbaas, K.D., Bub, L.A., Auer, M.T. Presenter: Kimberly D. Elenbaas	Linking The Environment And Economics: The Ohio Charter Boat Industry In 1998. Hushak, L., Lichtkoppler, F. Presenter: Leroy Hushak
9:00AM		Development And Evaluation Of Numerical Sediment Quality Objectives for the St. Louis River Area of Concern. Macdonald, D.D., Crane, J.L., Severn, C., Ingersoll, C.G., Berger, T., Lindskoog, R., Smorong, D. Presenter: Judy L. Crane	Simulated Walleye Interagency Management - The Swim Model For Lake Erie Walleye. Johnson, T.B., Henderson, B.A. Presenter: Tim Johnson	Valuing The Ottawa River: Recreational Value And Direct Economic Impacts Of Dredging. Bielen, M.H., Hushak, L.J. Presenter: Mary H. Bielen
9:20AM		The Anatomy And Stability Of A Contaminated Deposit In The St. Lawrence River At Cornwall, Ontario Rukavina, N.A., Biberhofer, J. Presenter: Norm Rukavina	Decision Analysis Of Lake Erie Fisheries Management Under Lower Trophic Level Uncertainties Hobbs, B.F., Kim, J.K., Koonce, J.F., Locci, A.B., Anderson, R.A. Presenter: Benjamin F. Hobbs	The Great Lakes As A Recreational Boating Resource: A Case Study Of Lake Erie In Ohio Hushak, L.J. Presenter: Leroy J. Hushak
9:40 AM		BREAK	BREAK	BREAK
10:00 AM		Transport Of Sewage-Contaminated Sediments In Hamilton Harbour. Coakley, J.P., Skafel, M.G. Presenter: John P. Coakley	Water Quality Modelling Of Caged Aquaculture Impacts In The North Channel Of Lake Huron Hamblin, P.F. Presenter: Paul F. Hamblin	Linking Farmland Preservation Programs To Improvement In Lake Erie Water Quality: The Case Of Purchase Of Conservation Easements For Buffer Strips Blaine, T.W. Presenter: Thomas W. Blaine
10:20 AM		Contaminant-Suspended Particle Relationships In Hamilton Harbour Water. Mccarry, B.E., Leppard, G.G., Marvin, C.H., Boden, A, Stern, G.A. Presenter: Brian E Mccarry	Comparison Between Annual Cycles Of Temperature And Heat Content Of Great Slave Lake (Main-Lake) And The Laurentian Great Lakes. Schertzer, W.M., Rouse, W.R., Blanken, P.D. Presenter: William M. Schertzer	An Ex-Post Benefit-Cost Analysis Of Hydropower Dam Relicensing In Michigan. Moore, M.M., Lupi, F., Rutherford, E., Kotchen, M.J. Presenter: Frank Lupi
10:40 AM		The Distribution Of Nutrients And Metals In The Surficial Fine-Grained Sediments Of Severn Sound, Georgian Bay. Sherman, R.K., Cornett, R.J., Mccarthy, F., Blasco, S.M., Harmes, R Presenter: Keith Sherman	St. Clair And Detroit Rivers Encroachment Analysis. Brown, D.W., Moin, S.M.A., Moulton, R.J., Thompson, A.F. Presenter: Aaron F Thompson	An Assessment Of The Ecological And Economic Value Of Groundwater: Town Of Caledon Case Study. Troyak, M, Muir, T Presenter: Tom Muir
11:00AM		Source Apportionment Of Pahs In Dated Sediments From Black River, Ohio Gu, S.-H., Christensen, E.R., Van Camp, R.P., Kralovec, A. Presenter: Erik R. Christensen	Ohio River And Great Lakes Hydrologic Forecasting: Parallels And Contrasts. Lee, D.H. Presenter: Deborah H Lee	Application Of Natural Resource Damage Assessment And Resource Valuation In Atlantic Canada. Macdonald, K., Sawyer, D., Dewis, S, Hennigar, P., Percy, R. Presenter: Kelly Macdonald
11:20 AM		LUNCH	LUNCH	LUNCH
11:20 AM IAGLR BUSINESS LUNCH NAV CANADA CAFETERIA				

Wednes day, May 24, 2000 Morning		Platform Presentations	
SESSIONS	ST. LAWRENCE AND GREAT LAKES CONTAMINATION: IS THERE ANY REASON TO BE CONCERNED FOR HUMAN HEALTH <i>Chairperson(s):</i> Susan L. Schantz, Audrey Smarginassi	BENTHIC FOOD WEB LINKAGES IN THE GREAT LAKES: PAST, PRESENT AND FUTURE <i>Chairperson(s):</i> R. W. Owen Jim Hoyle	LAKE TROUT RESTORATION IN THE GREAT LAKES: EARLY LIFE STAGE SURVIVAL <i>Chairperson(s):</i> Jeff Whyte Dale C. Honeyfield
ROOM#	A119	A211	A121
8:00 AM	Environmental Exposure To Organochlorines And Effects In Fishermen Of The St.Lawrence Gulf Dewailly, E., Laliberté, C., Muckle, G., Ayotte, P. Presenter: E. Dewailly	A Survey Of The Detroit River Benthic Community Composition In Relation To Measured Contaminants. Wood, S.N., Haffner, G.D., Ciborowski, J.J.H., Tomczak, M. Presenter: Sara N Wood	Observed Changes In Early Mortality Syndrome In Lake Michigan Coho And Chinook Salmon From 1994-1999. Wolgamood, M., Marcquenski, S.V., Brown, S.B., Fitzsimons, J.D., Tillitt, D.E., Honeyfield, D.C. Presenter: Martha Wolgamood
8:20 AM	Best Biomarkers Of Recent And Distant Consumption Of St. Lawrence River Sportfish. Kosatsky, T., Przybysz, R., Shtatenstein, B., Lussier-Cacan, S., Weber, J.P. Presenter: Tom Kosatsky	The Influence Of Periphyton On The Bioavailability Of Contaminants In Lotic Sediments. Kostel, J.A., St. Amand, A.L., Gray, K.A. Presenter: Jill A Kostel	Biological Monitoring Of Early Life Stages Of Lake Michigan Lake Trout (Salvelinus Nanaucush) From 1996-1999 Edsall, C.C., Allen, J. D., Ogilvie, L. M., Holey, M. E., Honeyfield, D. C. Presenter: Carol C Edsall
8:40 AM	A Tale Of Two Rivers: Population-Based Studies On The St.-Lawrence And Tapajos River, Brazil. Mergler, D. Presenter: Donna Mergler	Comparison Of The Effects Of Exotic And Native Mussels On The St. Lawrence River Zooplankton Community. Thorp, J.H., Casper, A.F. Presenter: Andrew F Casper	Measuring Progress Of Lake Trout Rehabilitation In Southeastern Lake Superior And Northern Lake Huron Sitar, S.P., Bence, J.R., Ebener, M.P., Peck, J.W., Woldt, A.P. Presenter: Shawn P Sitar
9:00 AM	Public Health Implications Of The Research Findings From The ATSDR Great Lakes Human Health Effects Research Program. Hicks, H.E., Ashizawa, A., Cibulas, W., De Rosa, C.T. Presenter: Heraline E. Hicks	The Disappearance Of The Amphipod Diporeia In Lake Michigan: Is It More Than Just A Reduction In Food? Nalepa, T. F., Fanslow, D. L., Eadie, B. J. Presenter: Thomas F. Nalepa	Cesium Based Estimates Of Feeding Activity Costs By Lake Trout In Lake Superior: Siscowets And Leans Henderson, B.A., Anderson, D.M. Presenter: Bryan A Henderson
9:20 AM	Contaminant Exposure Profile And Neuropsychological Function In Aging Lake Michigan Fishers. Schantz, S.L., Gasior, D.M., Gardiner, J.C., Humphrey, H.E.B., Sweeney, A.M., Polverejan, E., Mccaffrey, R.J. Presenter: Susan L. Schantz	Diporeia Declines In Southeast Lake Michigan: Prey Fish Diet Dynamics At An Affected Site And Predictions For The Future. Hondorp, D.W., Pothoven, S.P., Nalepa, T.F., Brandt, S.B. Presenter: Darryl W. Hondorp	Factors Associated With The Efficiency Of Egg Thiamin Treatments Fitzsimons, J., Zajicek, J., Brown, L., Villella, M., Holey, M., Honeyfield, D.C., Tillitt, D.E., Brown, S.B. Presenter: Scott Brown
9:40 AM	BREAK	BREAK	BREAK
10:00 AM	Cognitive Differences Associated With Intrauterine Exposure To PCB's. Darvill, T., Stewart, P., Reihman, J., Lonky, E, Pagano, J Presenter: Thomas Darvill	Disappearance Of The Amphipod Diporeia From Eastern Lakes Erie And Ontario, And Restructuring Of The Benthic Community. Dermott, R. Presenter: Ron Dermott	Thiaminolytic Activity In Forage Fish Of Great Lakes Salmonids, 1998-99. Zajicek, J.L., Tillitt, D.E., Wright, G., Fitzsimons, J., Brown, S., Honeyfield, D., Holey, M. Presenter: James L. Zajicek
10:20 AM	PCB Congeners And Fecundity, New York State Angler Cohort Study. Buck, G.B., Vena, J.V., Greizerstein, H.G., Weiner, J.W., McGuinness, B.M., Mendola, P.M., Kostyniak, P., Olson, J., Swanson, M. Presenter: Germaine M. Buck	Decline Of Diporeia In Southern Lake Ontario: Fish Predation, Dreissenids, Or What? Owens, R.W., Dittman, D.E., Ruby, R.J., Crabtree, D.L. Presenter: Randall W. Owens	Dietary Alewife And Bloater Chub Effect On Lake Trout Egg Thiamin. Honeyfield, D. C., Fitzsimons, J. D., Brown, S. B., Tillitt, D. E. Presenter: Dale C Honeyfield
10:40 AM	In Utero Exposure To Organochlorines In Relation To Development In Subjects From A Large Cohort Study. LONGNECKER, M.P., Klebanoff, M.A., Brock, J.W., Zhou, H., Gray, K.A., Adera, T. Presenter: Matthew P. Longnecker	Changes In Lake Whitefish (Coregonus Clupeaformis) Stocks In Eastern Lake Ontario Following Dreissena Mussel Invasion. Hoyle, J.H., Casselman, J.M., Dermott, R., Schaner, T. Presenter: James A Hoyle	A Large-Scale Feeding Experiment For Induction Of M74 In Baltic Salmon (Salmo Salar) By Using Amprolium And A Technical PCB-Blend. Amcoff, P., Balk, L., Börjeson, H., Förlin, L., Norrgren, L. Presenter: Patric Amcoff
11:00 AM	DISCUSSION	Lake Whitefish, Coregonus Clupeaformis, In Southeastern Lake Ontario Since Dreissenid Colonization Owens, R.W., O'gorman, R., Dittman, D.E. Presenter: Randall W. Owens	Novel Approach For Using Pre-Hatch C-Start To Study Embryo Movements And Hatching Success In Rainbow And Lake Trout Wright, P.J., Noltie, D., Tillitt, D.E. Presenter: Peggy J Wright
11:20 AM	LUNCH	LUNCH	Early Mortality Syndrome And Tissue-Specific Apoptotic Cell Death During Embryonic Namaycush). Whyte, J.J., Allert, J.A., Edsall, C.C., Honeyfield, D.C., Tillitt, D.E. Presenter: Jeff J Whyte Development In Lake Trout (Salvelinus
11:20 AM IAGLR BUSINESS LUNCH NAV CANADA CAFETERIA			

Wednesday, May 24, 2000 Afternoon		Platform Presentations	
SESSIONS	ENVIRONMENTAL GEOLOGY AND SEDIMENTS OF THE GREAT LAKES <i>Chairperson(s):</i> John P. Coakley, Steve M. Blasco and Mike Lewis	MODELING IN THE GREAT LAKES <i>Chairperson(s):</i> Joseph V. DePinto and William G. Booty	ENVIRONMENTAL ECONOMICS AND THE GREAT LAKES BASIN <i>Chairperson(s):</i> Frank R. Lichtkopper Tom Muir
Room #	LT/01/02 THEATRE	B140-141	E213-215 UPSTAIRS
12:40 PM	Sonar Backscatter Anomalies In Offshore Western Lake Ontario, Evidence Of Debris From Shipping. Lewis, C.F.M, Cameron, G.D.M., Mayer, L.A., Mukhopadhyay, P.K., Kruge, M.A., Coakley, J.P., Smith, M.D. Presenter: Michael Lewis	Further Current Observations In Eastern Lake Ontario Ahrnsbrak, W. F., Polt, P. P. Presenter: Peter P. Polt	Confronting Environmental Market Failures Through Pollutant Damage Charges Loucks, O. L. Presenter: Orie L. Loucks
1:00 PM	Quantitative Estimation Of Recent Contaminant Loading Histories From Sediment Accumulation Profiles. Young, A.J., Young, T.C. Presenter: Thomas C. Young	Physical-Biological Modeling Of Lake Michigan In The Egle Program. Beletsky, D., Schwab, D.J., Bedford, K.W., Chen, C., Chu, Y.P., Lou, J., Roebber, P.J., Rubao, J. Presenter: Dmitry Beletsky	Approaches To Assessing The Socio-Economic Justification For Sediment Remediation Muir, T.A. Presenter: Tom Muir
1:20 PM	Environmentally Significant Aspects Of Lake Ontario Geomorphology As Revealed By New Bathymetry Holcombe, T. L., Virden, W. T., Warren, J. S., Reid, D. F. Presenter: Troy L. Holcombe	Calibration Of A Great Lake Hydrodynamic Model Using Remotely Sensed Imagery Schott, J.R., De Alwis, D., Raqueno, N.G., Barsi, J.A. Presenter: Nina G. Raqueno	Environmental Economics: Tools For Determining The Benefits Of Great Lakes Environmental Cleanup. Sohngen, B., Lichtkoppler, F. Presenter: Brent L. Sohngen
1:40 PM	Lead, Copper, Zinc, And Cadmium In Lake Michigan Surficial Sediments. Rossmann, R., Fashbaugh, B. A. Presenter: Ronald Rossmann	Validation Of A 3-D Harbour Flushing Model With Field Observations From Hamilton Harbour And The Western End Of Lake Ontario He, C. H., Hamblin, P. F. H. Presenter: Cheng He	The Economics Of Remediating Contaminated Sediment For The St. Clair Rivers AOC. Rivers, R Presenter: Ray Rivers
2:00 PM	Clues To The Origin Of Lake Superior's Rings. Wattrus, N.J., Cartwright, J.A., Rausch, D.E. Presenter: Nigel J. Wattrus	In-Situ Size Distribution Of Suspended Sediment In Lake Michigan During An Episodic Event. Walker, H. W., Lamminen, M., Bedford, K.W. Presenter: Harold W. Walker	END OF SESSION
2:20 PM	Non-Invasive Characterization Of Fractal Aggregates In Lake Water Suspensions Chakraborti, R.K., Atkinson, J.F., Van Benschoten, J.E. Presenter: Rajat K. Chakraborti	Empirical Modeling Of Sediment Resuspension In The Great Lakes Lesht, B.M., Hawley, N. Presenter: Barry M. Lesht	
2:40 PM	Potential Diffusive Fluxes Of Some Elements From Lake Baikal Sediments. Granina, L.Z., Callender, E. Presenter: Liba Z. Granina	Stormceptor Hydrology And Non-Point Source Pollution Removal Estimates. Bryant, G., Grant, R., Weatherbe, D., Berg, V. Presenter: Todd A.M. Neff	
3:00 PM	BREAK	BREAK	BREAK
3:20PM - 6:20PM - Gymnasium Council Of Great Lakes Research Managers, IJC <i>Presents:</i> "Great Lakes Research Priorities, Support, and Funding Opportunities: A Discussion with Funding Agencies" Chaired by: Jeff Reutter and Joe Depint			
6:30 -7:00 PM COCKTAILS - Room # B121 7:30 PM EVENING BANQUET with Awards - Gymnasium with Guest Speaker: Vance Trudeau, University of Ottawa			

Wednesday, May 24, 2000

Platform Presentations

Room #	A119	LT/01/02 Theatre	D-101
	<p>MECHANISMS AND ACTIONS OF FISH-BORNE NEUROTOXIC CONTAMINANTS Chairperson(s): Wayne Bowers Richard Seegal</p>	<p>WATER LEVEL VARIATIONS IN GREAT LAKES AND ST. LAWRENCE RIVER Chairperson(s): Cynthia E. Sellinger Christiane Hudon</p>	<p>WETLANDS: THE KIDNEYS OF THE LANDSCAPE. HOW WELL DO THEY FUNCTION? Chairperson(s): Pat Chow-Fraser Tanya Mayer</p>
12:40 PM	<p>Detection Of Organochlorine Compounds And Phytoestrogens In Second Trimester Human Amniotic Fluid. Foster, W.G., Chan, S., Platt, L., Hughes Presenter: Warren G. Foster</p>	<p>Lake Ontario Regulation: How It Is Carried Out And Review Of The Operations Of The Past Three Years Dealing With Extreme High And Low Water Supplies. Yee, P. Presenter: Peter Yee</p>	<p>Groundwater Flow Regimes In The Vicinity Of Coastal Wetlands Of The Great Lakes Crowe, A.S. Presenter: Allan S. Crowe</p>
1:00 PM	<p>Induction Of Astrocyte Metallothioneins Confers Resistance Against The Acute Cytotoxic Effects Of Methylmercury. Aschner, M. Presenter: Michael Aschner</p>	<p>ENSO-Related Variations In Great Lakes Water Levels. Lenters, J. D. Presenter: John D Lenters</p>	<p>Influences Of Hydrology On Nutrient Dynamics In Lake Superior Coastal Wetlands. Morrice, J.A., Trebitz, A.S., Kelly, J.R., Cotter, A.M., Knuth, M.L., Tredrea, M.M., Grygo, A.M. Presenter: John A Morrice</p>
1:20 PM	<p>Fetoneonatal Programming Of CNS Development: Convergent Mechanisms Complicate Interpretation Of The Effects Of Endocrine Disruptors (Animal Neurotoxicology Workshop) Maclusky, N.J. Presenter: Neil J. Maclusky</p>	<p>A GIS-Linked Flood And Erosion Prediction System For The Great Lakes. Zuzek, P.J., Nairn, R.B., Langendyk, S.L. Presenter: Peter J Zuzek</p>	<p>Carbon And Nitrogen Cycling In Anthropogenically Influenced Wetlands At The Des Plaines River Wetland Demonstration Project Sirivedhin, T., Gray, K.A. Presenter: Tanita Sirivedhin</p>
1:40 PM	<p>Developmental Exposure to Lead or Polychlorinated Biphenyls Impairs Synaptic Transmission and Plasticity in the Rodent CNS. Presenter: Mary Gilbert</p>	<p>Impacts Of Discharge And Water Level Variations On The St. Lawrence River Ecosystem. Hudon, C. Presenter: Christiane Hudon</p>	<p>A Mass Balance Of Fallout Radionuclides And Fine Sediments In A Great Lakes Coastal Wetland, Old Woman Creek, Oh, NERR Matisoff, G., Wilson, C.G., Whiting, P.J. Presenter: Gerald Matisoff</p>
2:00 PM	<p>Neurobehavioral Toxicity Of Methylmercury And PCB's: Effects-Profiles And Sensitive Populations. Newland, M.C. Presenter: Christopher Newland</p>	<p>Impacts Of The Ottawa River Regulation On The Water Level Fluctuations In The Lake Saint-Pierre Area Morin, J., Bouchard, A Presenter: Jean Morin</p>	<p>Aquatic Community Production Of A Restored Wetland In The Montezuma National Wildlife Refuge. McKenna, J.E., Jr. Presenter: James E. McKenna</p>
2:20 PM	<p>Maternal Consumption Of Great Lakes Fish And Delayed Spatial Alternation (DSA) Performance In Offspring Pups. Stewart, P.W., Pagano, J., Sargent, D., Seegal, R. Presenter: Paul W Stewart</p>	<p>The Use By Fish Of Managed Marshes Along The Fluvial St. Lawrence And Relations With Water Level Variations In The River. Mingelbier, M., Lepage, S. Presenter: Marc Mingelbier</p>	<p>Potential Of Aquatic Macrophytes To Reduce The Inflow Of Chlorinated Organic Contaminants Into Lake Superior. Coote, M., Lee, P.F. Presenter: Peter F. Lee</p>
2:40 PM	<p>Polychlorinated Biphenyls And Methyl Mercury Alter Striatal Dopamine And Cerebellar Granule Cell Calcium Levels. Seegal, R. Presenter: Richard Seegal</p>	<p>Sediment Resuspension And Erosion In The Varennes-Contrecoeur Stretch Of The St. Lawrence River. Lepage, S., Guessous, A. Presenter: Serge Lepage</p>	<p>The Marsh Monitoring Program: Citizen Science For Great Lakes Wetland Conservation Weeber, R.C., Jones, K.E., Mccracken, J.D. Presenter: Russ C Weeber</p>
3:00 PM	<p>END OF SESSION</p>	<p>END OF SESSION</p>	<p>Sustainability Of Wetlands In The Great Lakes Basin. Mayer, T., Kennedy, G. Presenter: Tanya Mayer</p>

3:20 PM – 6:20 PM - Gymnasium

Council Of Great Lakes Research Managers, IJC

Presents:

“Great Lakes Research Priorities, Support, And Funding Opportunities:

A Discussion With Funding Agencies”

Chaired by Joe DePinto and Jeff Reutter

6:30 -7:00 PM COCKTAILS - Room # B121

7:30 PM EVENING BANQUET with Awards and entertainment - Gymnasium

with Guest Speaker: Vance Trudeau, University of Ottawa

Thursday, May 25, 2000 Morning		Platform Presentations		
Room #	A 121	E213-215 UPSTAIRS	B140-141	D- 101
	GREAT LAKES REGIONAL CLIMATE CHANGE ASSESSMENTS <i>Chairperson(s):</i> Brent Lofgren and Frank Quinn	INFORMED SCIENCE AND MANAGEMENT IN THE LAKE CHAMPLAIN BASIN <i>Chairperson(s):</i> Timothy B. Mihuc	FISH HABITAT: PREDICTING ITS QUALITY, DISTRIBUTION, AND DEMOGRAPHIC IMPACT <i>Chairperson(s):</i> Nicolas C. Collins	ENVIRONMENTAL JUSTICE Followed By COMMUNITIES IN ACTION <i>Chairperson(s):</i> Dave Dolan and Henry Lickers
8:00 AM	BREAK	Overview Of The History Of Management Programs For Lake Champlain. Connolly, J.E. Presenter: James E. Connolly	Predicting Littoral Zone Temperatures Chu, C., Collins, N.C., Lester, N.P., Shuter, B.J. Presenter: C Chu	Misguided Incineration Of Sewage Sludge In Detroit, Michigan. Minniefield, C.M. Presenter: Cheryl Minniefield
8:20 AM	Future Cyclone Activity Over The Great Lakes Region Sousounis, PJS Presenter: Peter J Sousounis	Management Policy In The Lake Champlain Basin: The Role Of Research And Monitoring. Howland, W.G. Presenter: William G. Howland	Development Of A Gis Model To Visualize The Impact Of Residential Shoreline Structures And Wave Exposure On The Density Of Fish In The Nearshore Zone Of Lake Joseph. Seifried, K.E., Collins, N.C. Presenter: Kathy E. Seifried	Achieving Zero Discharge Through Citizen Enforcement Actions Hughes, DJ, Sage, SH Presenter: Donald Hughes
8:40 AM	Assessment Of The Potential Effects Of Climate Change On Heavy Lake-Effect Snowstorms Near Lake Erie. Kunkel, K.E., Westcott, N.E., Krstovich, Presenter: Kenneth E. Kunkel	Wetland Substrates As Unionid Refugia From Zebra Mussels. Marsden, J. E., Hallac, D.E. Presenter: J. Ellen Marsden	Modeling Spawning Habitat Use By Hatchery And Wild Origin Lake Trout In Lake Superior. Netto, J.K., Jones, M.L. Presenter: John K Netto	Public Participation In Great Lakes Environmental Management: Seeking Participatory Equity Through Ethnographic Inquiry. Stone, JVS Presenter: John V Stone
9:00 AM	Seasonal Changes In Great Lakes hydroclimatological Variables Under Two Climate Change Scenarios. Quinn, F.H., Lofgren, B.M. Presenter: Frank H. Quinn	Zebra Mussels, Shipwrecks, And The Ecological Health Of Lake Champlain. Watzin, M.C., Lescaze, M., Cobb, S., Cohn, A.B. Presenter: Mary C Watzin	A Habitat-Based Population Model For Yellow Perch Doka, S.E., Minns, C.K. Presenter: Susan Doka	Environmental Justice For The Hmong Community In Northeast Wisconsin Merkel, B.J., Ginnebaugh, M.J., Dolan, D.M. Presenter: Brian J. Merkel
9:20 AM	Evaluation Of The Impact of Extreme Supplies On The Water Levels Of The Lake Ontario/ St. Lawrence River System As A Result Of Climate Change Scenarios Using An Interest-Based Regulation Model. Eberhardt, A.J., Quinn, F.H. Presenter: Anthony J Eberhardt	Dynamics Of Zebra Mussel (Dreissena Polymorpha) Colonization And Distribution Along The Lake Champlain – Richelieu River Continuum. De Lafontaine, Y. Presenter: Yves De Lafontaine	The Effect Of Changes In Water Clarity On The Supply Of Habitat Suitable For Walleye (Stizostedion Vitreum) Lester, N.P., Ryan, P., Kushneriuk, R.S. Presenter: Nigel P. Lester	The Case For Environmental Justice in east Detroit. Roberts, P. Presenter: Pegg Roberts
9:40 AM	BREAK	BREAK	BREAK	BREAK
10:00 AM	Impacts Of Climate Change On Ground Water Levels, Lansing, Michigan. Luukkonen, C.L., Croley, T.E. Presenter: Carol L Luukkonen	Bioenergetics Modeling: How Does The Lake Champlain Ecosystem Affect Fish Populations? Parrish, D.L., Pientka, B., Overman, N.C. Presenter: Donna L. Parrish CANCELLED	Quantifying Light Extinction Relationships in Green Bay. Dolan, D.M., Sager, P.E., Royten, B.J., Wells, M.J. Presenter: David M. Dolan	Grand Traverse Bay Watershed Initiative: A Partnership Approach. Wright, C., Mckinney, J.C. Presenter: Christopher Wright Presenter: Pegg Roberts
10:20 AM	Mixing Dynamics And Plankton Biomass Of The St. Lawrence Great Lakes Under Climate Change Scenarios. Lehman, J.T. Presenter: John Lehman	Using Fish Biomarkers to Monitor Improvements in Environmental Quality in Inner Burlington Harbor, Lake Champlain, Vermont FACEY, D.E., Gasper, M.M., Leclerc, C.L., Blazer, V.S. Presenter: Douglas E. Facey	Modeling The Effects Of Tributary Restoration On Salmonid Production And Recruitment In Lake Michigan. Tyler, J.A., Rutherford, E.S. Presenter: Jeffrey A. Tyler	Problems and Possibilities of Regional Cooperation in Baltic Sea States: Implications for the U.S and Canada Chatterji, M., Lorendahl, B. Presenter: Manas Chatterji
10:40 AM	A Climatological Comparison Of The El Niño Winter Of 1997/98 And The La Niña Winter Of 1998/99: Why Were Both Mild In The Great Lakes Basin? Rodionov, S.N., Assel, R.A. Presenter: Sergei Rodionov	Plankton Communities In Burlington Bay, Lake Champlain Vt: Assessing Eight Years Of Change. Shambaugh, A.D, Watzin, M.C., Mcintosh, Presenter: Angela D. Shambaugh	Artificial Neural Networks: New Insight In Modeling Fish-Habitat Relationships Olden, J.D., Jackson, D.A. Presenter: Julian D Olden	COMMUNITIES IN ACTION Composting Nuisance Mayflies For Sanitary Disposal. Snyder, F.L., Brown, T.M. Presenter: Fred L. Snyder
11:00 AM	Great Lakes Enso Signals. Assel, R.A., HERCHE, L.R. Presenter: Lynn R. Herche	Evaluation Of Wetland Benefit Flows, Potentials And Pitfalls. Smardon, R.C. Presenter: Richard C. Smardon	Lake Sturgeon (Acipenser Fulvescens) Ecology In The Lower Niagara River. Hughes, T.C., Haynes, J.M., Lowie, C.E. Presenter: Thomas C Hughes	Citizen Activists And Scientists: A Symbiotic Relationship. Jackson, J.A. Presenter: John A. Jackson
11:20 AM	Lake Baikal Climate And Ecology: Evidence Of The Recent Warming And El-Ninio Related Variations. Shimaraev, M.N., Semovski, S.V., Popovskaya, G.I., Kuimova, L.N., Sinyukovich, V.N., Tsechanovsky, V.G. Presenter: Sergei V. Semovski	An Assessment Of Genetic Variation In Beachpea Populations (Lathyrus Maritimus Bigel.) From The North Atlantic, Lake Champlain, And The Great Lakes. Schmitz, S.A., Paris, C.A., Barrington, D.S. Presenter: Sonja A. Schmitz	Movement And Habitat Utilization Of Juvenile Lake Sturgeon In Portage Lake, Michigan. Holtgren, J. M., Auer, N. A. Presenter: J. Marty Holtgren	A Socioeconomic And Environmental Effects Study Of A Proposed 1000 Acre Wetland Restoration Project Near Lake St. Clair, In Southwestern Ontario. Legg, D., Loftus, K.K. Presenter: Douglass Legg
11:40 AM	BREAK	An Interactive Management Model For Controlling Total Phosphorus In Lake Champlain. McIlroy, L.M. Presenter: Lyn M Mcilroy	BREAK	Walden Pond In The New Millennium Ware, F., Simoliunas, S. Presenter: Falk Ware
12:00 PM – 1:00 PM LUNCH CAFETERIA NAV CANADA				

Thursday, May 25, 2000		Platform Presentation	
ROOM #	A211 UPSTAIRS	LT/01/02 THEATRE	A119
	COASTAL ECOSYSTEMS: VARIABILITY, ECOLOGICAL INTERACTIONS, AND VULNERABILITY IN THE GREAT LAKES <i>Chairperson(s)</i> Antonella Cattaneo Jack Kelly	ATMOSPHERIC DEPOSITION TO THE GREAT LAKES <i>Chairperson(s)</i> Melanie Nielson Keri C. Hornbuckle	BIOASSAYS AND BIOMARKERS: TOOLS TO ASSESS EFFECTS OF CONTAMINANTS DISCHARGING TO AQUATIC SYSTEMS <i>Chairperson(s)</i> Peter V. Hodson, Christian Blaise
8:00 AM	Characteristics And Trends In Agriculture For The Canadian Portion Of The Great Lakes Basin. Zegarac, M.E., Muir, T., Struger, J Presenter: Mike Zegarac	The Southern United States As A Potential Source Of Toxaphene To The Great Lakes. Leone, A.D., Jantunen, L.M.M., Harner, T., Bidleman, T.F. Presenter: Andi D. Leone	An Analysis Of Fecal Coliform Bacteria As A Water Quality Indicator. Vail, J.H. Presenter: Janet H. Vail
8:20 AM	The Effect Of Agriculture On Water Quality Of The Grass River, A Tributary Of The St. Lawrence River Mayer, M.S., White, M., Cannella, M., Nixon, A., O'donnell, J., Roux, K., Grindal, A., Viale, D., Bassi, B. Presenter: Marilyn S. Mayer	Comparison Of Toxaphene Concentrations In The Sediments Of Siskiwit Lake And Lake Superior. Mcdonald, J.G., Symonik, D.G., Swackhamer, D.L., Hites, R.A. Presenter: Jeff G. Mcdonald	Detection Of E. Coli By The Zebra Mussel And Its Application In Watershed Management Selegean, J.P.S., Ram, J.R., Heidtke, T.H. Presenter: James P. Selegean
8:40 AM	Factors Influencing The Concentration And Export Of Trace Metals From Representative Lake Superior Watersheds. Shafer, M.M., Hurley, J.P., Armstrong, D.E. Presenter: Martin M Shafer	The Air-Water Exchange Of Toxaphene Over Lake Superior And Lake Michigan. Swackhamer, D.L., Hites, R.A., James, R. Presenter: Ryan R. James	Evaluation Of 6 Simple Bioassays For The Determination Of Drinking Water Quality – Canadian Results. Beauregard, T., Ridal, J.J. Presenter: Tracey Beauregard
9:00 AM	Application Of Large Volume Sampling For Priority Pollutant Monitoring At Six Canadian Tributaries To Lake Ontario Biberhofer H., Boyd D. Comba, M., Cannon, C., Strand C., Bilyea Presenter: Hans Biberhofer	Spatial And Temporal Dynamics Of Toxaphene In Lakes Michigan And Superior. Swackhamer, D.L., Symonik, D., James, R., Hites, R.A. Presenter: Deborah L. Swackhamer	Measurement Of Immunocompetence In Hemocytes Of Bivalve Shellfish With A Miniaturized Assay Based On Phagocytosis Capacity. Blaise, C., Trotter, S., Gagné, F., Hansen, P.D., Salazar, S., Salazar, M. Presenter: Christian Blaise
9:20 AM	Real-Time Measurements Of Evapotranspiration Along The Coastal Areas Of The Great Lakes Cooper, D.L., Eichenger, W.E., Kao, J Presenter: Daniel I. Cooper	Toxaphene In Lake Superior: Partial Results From A Summer '96 And Spring '97 Study. Burniston, D. A., Strachan, W. M. J., Teixeira, C. F., Jantunen, L., Bidleman, T. F. Presenter: Deborah A. Burniston	Phagocytosis As A Biomarker Of Immunotoxicity In Wildlife Species Exposed To Environmental Xenobiotics. Fournier, M., Brousseau, P., Cyr, D., Pellerin, J Presenter: Michel Fournier
9:40 AM	BREAK	BREAK	BREAK
10:00 AM	Tools For Visualizing Coastal Ecosystems Using Local Government Spatial Data. Hart, D.A., Miller, T., Vargas, A Presenter: David A. Hart	Predicting The Air-Water Gas Exchange Direction Of Chlorodanes In The Great Lakes Using Temperature Dependent Henry's Law Constants. Jantunen, L.M.M., Ridal, J.J., Bidleman, T.F. Presenter: Liisa M.M. Jantunen	Estrogenicity Of Municipal Effluents To The Mollusk <i>Elliptio Complanata</i> . Gagné, F.G., Blaise, C.B., Hansen, P. H., Salazar, S. S., Salazar, M. S. Presenter: François Gagné
10:20 AM	Identification And Conservation Priorities Of Great Lakes Shoreline Habitats And Biodiversity Higgins, J.V., Potter, H.A., Dephiliip, M., Willson, M.F. Presenter: Jonathan V. Higgins	Pcb Congener Distribution And Flux Estimates From The Lake Michigan Mass Balance Study Green, M.L., DePinto, J.V., Hornbuckle, K.C. Presenter: Mark L. Green	Effects Of Municipal Effluents On Endocrine Disruption, Immune Function And Parasitism In The Spottail Shiner (<i>Notropis Hudsonius</i>). Cyr, D.G., Fournier, M., Marcogliese, D.J. Presenter: David J. Marcogliese
10:40 AM	Strategies For The Stewardship And Conservation Of Great Lakes Coastal Wetlands Luftus, K.K., Smardon, R.C. Presenter: Richard C. Smardon	Regional Modeling Of The Atmospheric Transport And Deposition Of Atrazine To Lake Michigan Cooter, E.J., Hutzell, W. Presenter: Ellen J. Cooter	Estrogenic Compounds In The St. Lawrence River Near Montreal: Occurrence And Bioaccumulation By Mussels (<i>Elliptio Complanata</i>) Sabik, H.S., Proulx, S.P., Gagné, F.G., Blaise, C.B. Presenter: Hassan Sabik
11:00 AM	Rehabilitating Toronto's Coastal Wetlands. Heaton, M.G. Presenter: Mark G. Heaton	Dry Deposition Fluxes Of Trace Metals Measured Around Lake Michigan During The Lake Michigan Mass Balance Study Holsen, T.M., Shahin, Usama, Yi, S.M. Presenter: Thomas M. Holsen	Vitellogenin As A Biomarker For Estrogenic And Anti-Estrogenic Responses In Fish Sherry, J., Gamble, A., Pagniello, K., Dizer, H., Servos, M., Parrott, J., Hodson, P., Solomon, K., Hansen, P., Hock, B. Presenter: James P. Sherry
11:20 AM	A Gis Based Comparison Of Methods Used To Estimate Macrophyte Biomass: An Example For Lake Saint-Pierre, Québec. Vis, C., Hudon, C., Carignan, R. Presenter: Chantal Vis	Field Study Of The Atmospheric Concentrations Of Semi-Volatile Organic Compounds In The New York State Region Of The Southern Great Lakes Basin. Milligan, M.S., Battaglia, T., Chiarenzelli, J., Pagano, J., Falanga, L., Migdal, K., Hopke, P., Holsen, T. Presenter: Michale S. Milligan	Effect Of Temperature And Exposure Time On EROD Induction By Retene In The Rainbow Trout Liver Cell Line, Rtl-W1Bols, N.C., Lew, J., Hodson, P.V. Presenter: Niels C. Bols
11:40 AM	Estimating The Biomass Of Epiphytes And The Sources Of Its Variability In Macrophyte Beds In The St-Lawrence River Gosselain, V., Leonard, R., Rochefort, D., Hudon, C., Cattaneo, A. Presenter: Véronique Gosselain	Comparison Of Same Day Pesticide Concentrations In Western And Eastern Lake Ontario Air. Ridal, J., Jantunen, L., Brice, K., Bidleman, T. Presenter: Jeff J. Ridal	Sediment Bioassays To Measure The Bioavailability Of Mfo-Inducing Compounds To Fish. Ho, C., Fragoso, N., Chan, T., Zambon, S., Hodson, P.V. Presenter: Carrie Ho
12:00 PM – 1:00 PM LUNCH CAFETERIA NAV CANADA			

Thursday, May 25, 2000 Afternoon		Platform Presentations	
SESSIONS	COASTAL ECOSYSTEMS: VARIABILITY, ECOLOGICAL INTERACTIONS, AND VULNERABILITY IN THE GREAT LAKES <i>Chairperson(s)</i> Antonella Cattaneo Jack Kelly	ATMOSPHERIC DEPOSITION TO THE GREAT LAKES <i>Chairperson(s)</i> Melanie Nielson Keri C. Hornbuckle	BIOASSAYS AND BIOMARKERS: TOOLS TO ASSESS EFFECTS OF CONTAMINANTS DISCHARGING TO AQUATIC SYSTEMS <i>Chairperson(s)</i> Peter V. Hodson, Christian Blaise
Room #	A211 Upstairs	LT/01/02 Theatre	A119
1:00 PM	Habitat Use By Zooplankton In 60 Marshes In The Laurentian Great Lakes Basin. Lougheed, V.L., Chow-Fraser, P. Presenter: Vanessa L Lougheed	Atmospherically Transported Toxic Substances To The Pollution Load Of The St. Lawrence River. Poissant, L Presenter: Laurier Poissant	Influence Of Oil-Spill Bioremediation Strategies On The Survival, Growth And Reproductive Success Of The Mystery Snail, <i>Viviparus Georgianus</i> . Stassen, J., McDonald, A., Lee, K., Lee, L.E.J Presenter: Lucy E. J. Lee
1:20 PM	Hydrology Of Coastal Wetlands Of Lake Superior: Lake And Tributary Roles In Mixing Regimes And Turnover Times. Treibitz, A.S., Morrice, J.A., Cotter, A.M., Knuth, M.L. Presenter: Anett Treibitz	Persistent Organic Compounds In Lake Ontario Air And Water. Brown, S.N., Hornbuckle, K.C. Presenter: Nichole Brown	Biological Profiling Of Hamilton Harbour Sediments Using The Ames Salmonella/Microsome Assay To Determine Genotoxic Sources Of Contamination. Mccarry, B.E., Bryant, D.W., Marvin, C.H. Presenter: Brian E Mccarry
1:40 PM	Comparisons Of Lake Trout Spawning Regions Along Minnesota's North Shore. Richards, C., Bonde, J., Schreiner, D. Presenter: Carl Richards	Polychlorinated Biphenyls In Sediment Cores From Eastern Lake Ontario Watersheds. Chiarenzelli, J.C., Milligan, M.M., Pagano, J.P., Falanga, L.F., Connor, B.C., Ramirez, W.R., Holsen, T., Hopke, P. Presenter: Jeffery Chiarenzelli	Evaluation Of The Genotoxicity Level In Organic Extracts Of Sediments Of The Zahuapan River In Tlaxcala, México. Delgado-Rodríguez, A, Ortiz-Marttelo, R, Valencia-Quintana, P.R., Sanchez-Alarcon, J, Vazquez-Cuecuecha, O, Popoca, M, Soto-Mora, E., Garcia-Jimenez, O., Amador-Munoz, O., Villalobos-Pietrini, R., Gomez-Arroyo, S., Butterworth, F.M. Presenter: Alfredo Delgado-Rodríguez
2:00 PM	Comparison Of Lower Trophic Levels In Embayment, Nearshore, And Offshore Habitats Of Lake Ontario. Hall, S.R., Pauliukonis, N.K., Mills, E.L., Rudstam, R.G, Schneider, C.P., Lary, S.J., Arrhenius, F. Presenter: Edward L. Mills	Washoff Of Organic Contaminants From Urban Surface Films. Gingrich, S.E., Diamond, M.L., Stern, G.A., Mccarry, B.E. Presenter: Sarah E. Gingrich	A Ciliate Protozoa Species As A Potential Indicator For Cultural Eutrophication Legner, M., Sprules, W.G., Lynn, D.H. Presenter: Milos Legner
2:20 PM	BREAK	BREAK	BREAK
2:20 PM	How Does The Scale Of Temperature Variability Differ Inshore And Offshore In The Great Lakes? Cyr, H., Shuter, B. Presenter: Helene Cyr	Temporal, Seasonal And Spatial Variations In Organochlorine Pesticides And Polyaromatic Hydrocarbons In Great Lakes Precipitation . Chan, C., Neilson, M, Harrison, B. Presenter: C.H. Chan	Applicability Of Pigment Analysis For The Identification Of Benthic Algal Composition In Littoral Sediments. Lozon, J., Cyr, H. Presenter: Joseph Lozon
2:40 PM	Variability Of Nearshore And Offshore Transects Of Fluorescence, Nutrients And Zooplankton In Lake Michigan Warren, G.J., Lehman, J.T. Presenter: Glenn J Warren	Atmospheric Deposition Of Toxic Substances To The Great Lakes: Iadn Results To 1996 Galarneau, E., Audette, C.V., Bandemehr, A., Basu, I., Bidleman, T.F., Brice, K.A., Burniston, D.A., Chan, C.H., Froude, F., Hites, R.A., Hulting, M.L., Neilson, M., Orr, D., Simcik, M.F., Strachan, W.M.J., Hoff, R.M. Presenter: Elisabeth Galarneau	The Sorption Of Hydrophobic Organic Chemicals To Bacteria. Lunsman, T.D., Kiehl, L.M., Lick, W. Presenter: Tamara D Lunsman
3:00 PM	Transport Of Sediment From Coastal To Offshore Waters In Lake Superior Urban, N.R., Bastone, A.M., Lovalvo, D., Jeong, J., Apul, D.S Presenter: Noel R Urban	Sources of polychlorinated biphenyls (PCB's) to the atmosphere in Lake Michigan. Hsu, Y., Holsen, T. Presenter: Hsu, Y.	Histological Analyses Of Great Lakes Zooplankton Tumors. Omair, M., Naylor, B., Beals, T.F., Jude, D. J., Vanderploeg, H. A. Presenter: Mohammed Omair
3:20 PM	Synthesis Of Issues For Coastal Research And Environmental Protection Kelly, J.R. Presenter: John R. Kelly	END OF SESSION	Status Of Lake Michigan Zooplankton 1994-1999: Seasonal Distribution And The Presence Of Tumor-Like Abnormalities. Cavaletto, J.F., Vanderploeg, H.A., Pothoven, S., Messick, G. Presenter: Joann F. Cavaletto

AFTERNOON BBQ – UPPER CANADA VILLAGE

BUSES WILL BE LEAVING NAV CANADA BETWEEN 4:00 AND 4:30PM

Thursday, May 25, 2000 Afternoon		Platform Presentations	
SESSIONS	GREAT LAKES REGIONAL CLIMATE CHANGE ASSESSMENTS <i>Chairperson(s):</i> Brent Lofgren and Frank Quinn	INFORMED SCIENCE AND MANAGEMENT IN THE LAKE CHAMPLAIN BASIN <i>Chairperson:</i> Timothy B. Mihuc	FISH HABITAT: PREDICTING ITS QUALITY, DISTRIBUTION, AND DEMOGRAPHIC APPROACH; FOLLOWED BY A FIRST NATIONS APPROACH TO FISHERIES <i>Chairperson:</i> Nicolas C. Collins
Room #	A 121	E213-215 Upstairs	B140-141
1:00 PM	BREAK	Phosphorus Forms And Loads Variability In A Small Agricultural Watershed And Under Rainfall Simulation. Michaud, A.R., Laverdière, M.R. Presenter: Aubert R. Michaud	Lake Sturgeon Distribution And Habitat Selection Within The St. Lawrence River Below The FDR Power Project. Hayes, J.H., Werner, R.G. Presenter: Jennifer S Hayes
1:20 PM	Climate Of The Great Lakes Basin Murty, T.S., Scott, D, Nairn, R Presenter: Tad S Murty	Evaluating Phosphorus Export To Surface Waters Using A Landscape-Level Approach. Seltzer, N., Wang, D. Presenter: Nicole A Seltzer	A Comparison Of Experimental Gillnets And Visual Assessment In Sampling Habitat Use By Juvenile Walleye (Stizostedion Vitreum) Pratt, T.C., Fox, M.G Presenter: Thomas C. Pratt
1:40 PM	A Synoptic Climatology Of Precipitation In The Great Lakes Region. Grover, E.K., Sousounis, P.J. Presenter: Emily K Grover	Stable Isotope Composition Of Lake Biota And Sediments As Proxy For Lake Trophic State. Lini, A., Levine, S., Howse, R., Ferber, L. Presenter: Andrea Lini	Addressing Concerns For Water Quality Impacts From Large-Scale Great Lakes Aquaculture. Tulen, L.A., Whelan, G., Hartig, J.H. Presenter: Lisa A Tulen
2:00 PM	Testing And Validation Of The Coupled Hydrosphere-Atmosphere Research Model (Charm). Lofgren, B.M. Presenter: Brent Lofgren	Pcb Distribution In The Water Column Of Lake Champlain. Fuller, R.D., Mcilroy, L., Jones, J. Presenter: Robert D. Fuller	The Shoal Lake Fishery Review: 1999 Seyler, J.C., McLeod, S. Presenter: John C Seyler
2:20 PM	BREAK	BREAK	BREAK
2:20 PM	Analysis Of Climate Change Impacts For The Bay Of Quinte Watershed Walker, R.R., Stride, F.A. Presenter: Fred Stride	Hydrodynamics Of The South Main Lake Of Lake Champlain. Manley, T. O., Osterberg, E. Presenter: Thomas Manley	A First Nations Approach To Fisheries Biology: An Example From Lake Nipigon, Ontario, Canada. Chudobiak, D.H. Presenter: Darryl H Chudobiak
2:40 PM	Sensitivity Of Upper Midwest Hydrology To Changes In Climate: Results From An Improved Land Surface Model Lenters, J. D., Twine, T. E. Presenter: John D Lenters	Numerical Modeling Of Internal Bores In Lake Champlain Beletsky, D., Maxeiner, E.A., Saylor, J.H., Schwab, D.J., Meadows, G.A. Presenter: Eric A. Maxeiner	Ontario First Nation A Driving Force Behind Walleye (Stizostedion Vitreum) Rehabilitation In Golden Lake, Ontario. Gillies, M. Presenter: Mike Gillies.
3:00 PM	BREAK	Modeling The Four-Day Thermocline Oscillations In Lake Champlain: A Video Presentation. Hunkins, K.L., Manley, T.O. Presenter: Kenneth Hunkins	Anishinabek Co-Operative Fisheries Management Models In The Great Lakes Basin. Maraldo, D., Madahbee, P., Regier, H., McLeod, S. Presenter: Dave Maraldo
3:20 PM	END OF SESSION	END OF SESSION	END OF SESSION
<p>AFTERNOON BBQ – UPPER CANADA VILLAGE</p> <p>BUSES WILL BE LEAVING NAV CANADA BETWEEN 4:00 AND 4:30PM</p>			

Friday, May 26, 2000 Morning		Platform Presentations	
SESSIONS	CONTAMINANTS AND STABLE ISOTOPES IN FOOD WEBS <i>Chairperson(s)</i> Joseph Rasmussen	INVASIVE SPECIES IN THE GREAT LAKES <i>Chairperson(s)</i> David Lodge	GROUNDWATER ISSUES WITHIN THE GREAT LAKES BASIN <i>Chairperson(s)</i> Andrew Piggott Chuck Southam
Room #	A211 UPSTAIRS	D-101	B140-141
8:00 AM	BREAK	Comparison Of Exotic Species Introduced In The St.Lawrence River And In The Great Lakes De Lafontaine, Y., COSTAN, G., Delisle, F. Presenter: Georges Costan	BREAK
8:20 AM	Tracing Energy And Mercury Sources For The Food Chain Of The Upper St. Lawrence River Aquatic Community With Carbon Isotopes LARIVIÈRE, E., Lean, D. Presenter: Emilie C. Larivière	Predicting Invading Fishes In The Great Lakes: What Can Be Learned From Past Invasions? KOLAR, C. S., Lodge, D. M. Presenter: Cindy S. Kolar	Ground-Water Resources Of The Great Lakes Region. GRANNEMANN, N.G. Presenter: Norman G Grannemann
8:40 AM	Stable Isotope Evidence For Incorporation Of Sewage Into A Riverine Foodweb.DEBRUYN, A.M.H., Rasmussen, J.B. Presenter: Adrian M.H. Debruyn	Recent Proliferation Of The Round Goby (Neogobius Melanostomus) In Lake Huron: They Are Not Just In Shallow Water Anymore. CURTIS, G.L., Hintz, A., Schaeffer, J., Mohr, L.C. Presenter: Gary L Curtis	Mankind's Use Of Ground Water Within The Great Lakes Basin: Why Recharge, Flow, Discharge And Quality Matter. MCCRAY, KB Presenter: Kevin B. Mccray
9:00 AM	Using Stable Isotopes To Examine Toxaphene Accumulation Through The Benthic And Pelagic Food Chains Of Lake Michigan STAPLETON, H.M., Masterson, C., Skubinna, J., Baker, J.E. Presenter: Heather M. Stapleton	Invasion Of The Great Lakes By The Rusty Crayfish (Orconectes Rusticus): Lessons From Inland Lakes. LODGE, D.M., Perry, W., Feder, J.L. Presenter: David M Lodge	Eastern Ontario Water Resources Management Study: Decision Support For Long Term Resource. Protection MEEK, J.W., Jarvis, I.E., Mctavish, G., Banks, W.D. Presenter: John W Meek
9:20 AM	Bioaccumulation Of PCBs In Lake Michigan Lower Trophic Level Organisms.SWACKHAMER, D.L., Trowbridge, A.G., Nater, E.A. Presenter: Deborah L Swackhamer	Benthic-Pelagic Coupling: Invasive Round Gobies Alter Zebra Mussel Trophic Effects. BOMBICH, M.P., Miner, J.G., Lowe, R.L., Kireta, A. Presenter: Michael P Bombich	Eastern Ontario Water Resources Management Study: Regional Environmental Information System For Sustainable Rural Development. JARVIS, I.E., Meek, J.W., Mctavish, G., Banks, W.D. Presenter: Ian E Jarvis
9:40 Am	A Comparison Of PAH And PCB Exposure Dynamics In The Benthic Invertebrates And Plankton Of The Western Lake Erie Food Web. GEWURTZ, S.B., Lazar, R., Haffner, G.D. Presenter: Sarah B Gewurtz	Predation Avoidance In The Pelagic: The Vertical Distribution Of The Predatory Cladocerans, Bythotrephes Cederstroemi And Cercopagis Pengoi, And Their Prey. JOHANNSSON, O.E., Benoit, H.P. Presenter: Ora E Johannsson	The Variability Of The Hydrogeological Properties Of The Carbonate Bedrock In Southern Ontario LAPCEVIC, P.A., Novakowski, K.S. Presenter: Pat Lapcevic
10:00 AM	BREAK	BREAK	BREAK
10:20 AM	Changes in Diet Composition Affect The Rate of PCB Decline in Lake Erie Herring Gull Eggs. HEBERT, C.E., Hobson, K.A., Shutt, J.L. Presenter: Craig E. Hebert	Comparative Filtration Rate And Sensitivity To Disturbance Of Dreissena Bugensis And D. Polymorpha. DIGGINS, T.P Presenter: Thomas P. Diggins	Evaluating The Role Of Groundwater In The Degradation Of Surface Water Quality. The Rouge River Of Southeastern Michigan, A Case Study. MURRAY, K.S., Xun, Z. Presenter: Kent S. Murray
10:40 AM	Status And Trends Of Dioxins, Octachlorostyrene, And Hexachlorobenzene In The Great Lakes. BAILEY, R.E., Smith, D.W., Phenicie, D.K., Braun, W.H. Presenter: Robert E. Bailey	Can We Use Zebra And Quagga Mussels For Biomonitoring Contaminants In The Niagara River? RICHPMAN, L.A., Somers, K. Presenter: Lisa A Richman	Potential Impact Of Climate Change On Grand River Basin Groundwater Supplies. SOUTHAM, C.F. Presenter: Chuck Southam
11:00 AM	END OF SESSION	Optimal Selection Of Sea Lamprey Control Options In The Great Lakes. CHRISTIE, G.C., Young, R.J., Cuddy, D.W., Fodale, M., Slade, J. Presenter: Gavin Christie	Hydrological Characteristics And Water Balance Of Nith River Basin Due To Climate Change. BOBBA, A.G, Piggott, A.R, Prowse, T Presenter: Ghosh A Bobba
11:20 AM		The Effects Of Mechanical, Biological And Chemical Treatment Methods On An Invasive Plant, The Giant Reed (Phragmites Australis). SCHAEFFER, C.S., Francko, D.A. Presenter: Curt S Schaeffer	Nitrate Trends In The Maumee River: Up Or Down? RICHARDS, R.P. Presenter: R. Peter Richards
11:40AM	Native Closing	Monitoring Zebra Mussel Larval Densities To Reduce Chlorination Requirements At The R.H. Saunders Generating Station, Cornwall, Ontario. HICKEY, M.B.C., Threader, R., Lawson, J. Presenter: Brian C Hickey	Native Closing
12:00 PM		Influence Of Substrate Heterogeneity And Orientation On The Efficiency Of An Anti-Fouling Coating Against Zebra Mussels (Dreissena Polymorpha) ELISLE, F., De Lafontaine, Y., Costan, G. Presenter: Fanny Delisle	
Conference Ends			
Thank you / Merci!			

Friday, May 26, 2000		Platform Presentations
	REMOTE SENSING AND SPATIAL DATA APPLICATIONS FOR THE GREAT LAKES <u>Chairperson(s)</u> George A. Leshkevich Barry M. Lesht	THE GREAT LAKES WATERSHED: GOVERNANCE, STATE OF THE LAKES, AND THE IJC. IS THERE A CONNECTION? <u>Chairperson(s)</u> David J. Allee
Room #	E213-215 UPSTAIRS	A121
8:00 AM	Great Lakes Coastwatch Environmental Data On The World Wide Web Leshkevich, G.A., Liu, S. Presenter: George A. Leshkevich	BREAK
8:20 AM	Integrated Data Management: New Opportunities For Multidisciplinary Management Gray, A.L.G., Weaver, S.D.W Presenter: Arnold L Gray	Environment And Life In The New Millennium Presenter: Leonard D Dworsky
8:40 AM	The Influence Of Surface Thermal Fronts On Spatial And Temporal Distributions And Harvests Of Rainbow Trout (Oncorhynchus Mykiss) In Lake Michigan. Hook, T., Rutherford, E., Brines, S., Schwab, D., McCormick, M. Presenter: Tomas O. Hook	The Solec Indicators Database: Features And Applications For Multiple Users. PUPP, C, Stadler-Salt, N, Bertram, P Presenter: Chris Pupp
9:00 AM	Spring Runoff Events, Thermal Bar Formation, And Cross-Margin Transport In Lake Superior. Auer, M.T., Gatzke, T.L. Presenter: Martin T. Auer	Selection And Implementation Of Indicators Of Environmental And Socio-Economic Health For The Great Lakes Basin Ecosystem. Bertram, P, Stadler-Salt, N, Shear, H, Horvatin, P Presenter: Paul E Bertram
9:20 AM	Application Of Landsat 7 Data To Great Lakes Water Resource Assessment Schott, J.R., Barsi, J.A., De Alwis, D., Raqueno, N.G. Presenter: John R. Schott	Improving The Prospects For The Binational Raps. Valiante, M.A., READ, J. Presenter: Jennifer Read
9:40 AM	Satellite-Derived Chlorophyll And Turbidity Estimates Using SeaWiFS (Sea-Viewing Wide Field-Of-View Sensor) Imagery .Warrington, D.S., Budd, J.W., Stumpf, R.P., Green, S.A. Presenter: Daniel S. Warrington	Environmental Solutions To Flood Management On The Menomonee River. Sands, K., Shafer, K. Presenter: Kevin L. Shafer
10:00 AM	BREAK	BREAK
10:20 AM	Space-Time Modeling Of Lake Michigan Chlorophyll Levels Estimated From Satellite Observations Stroud, J.R., Lesht, B.M., Stein, M., Meng, X.-L., Frederick, J.E., Leshkevich, G.A. Presenter: Barry M Lesht	Q Methodology: A Novel Approach To Resolving Great Lakes Disputes. Edgett, R.A. Presenter: Ruth A Edgett
10:40 AM	Great Lakes Ice Cover Norton, D.C., Assel, Raymond Presenter: Raymond Assel	Parties Review Of The Great Lakes Water Quality Agreement. Homas, V.T., Nameth, S.N. Presenter: Vicki L Thomas
11:00 AM	Automatic, 2-Dimensional Mapping Of Spot Measurements For Environmental Parameters And Quantifying The Uncertainty Of The Resulting Estimates: Adaptive Cross-Validation/Jackknifed Approach. Presenter: M. Tomczak	Designing Policy To Promote Local Watershed Stewardship Skaley, Jes Presenter: James E Skaley
11:20 AM	Rs Sar And Noaa Avhrr Applications To Study Lake Baikal Surface Features. Semovski, S.V. Presenter: Sergei V. Semovski	A Framework For A Great Lakes Strategic Environmental Plan: Welcome To The New Millennium Allee, D.J., Dworsky, L.B. Presenter: David J. Allee
11:40 AM	Satellite Database Development To Study Global Climate Change For The Great Lakes Of North Eurasia. SEMOVSKI, S.V., Minko, N.P., Mogilev, N.Yu., Loupyan, E.A., Mazurov, E.A. Presenter: Sergei V. Semovski	END OF SESSION
12:00 PM		
Conference Ends Thank you / Merci!		