

## CURRICULUM VITAE

### **CLAIRE A. SERIEYSSOL (BLESER)**

University of Minnesota  
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#### **INSTITUTIONS ATTENDED AND ACADEMIC DEGREES**

University of Minnesota-Twin Cities, Minnesota (2002- Present)  
Ph. D. candidate, Water Resources Science with a minor in Conflict Management  
Advisors: Dr. Leonard Ferrington and Dr. Mark Edlund  
University of Iowa-Iowa Lakeside Laboratory (Summer coursework, 2005)  
Iowa State University-Iowa Lakeside Laboratory (Summer coursework, 2003)  
University of Leeds-Leeds, United Kingdom (2000-2001)  
M. A., Middle East Studies (2001)  
American University of Paris-Paris, France (1997-2002)  
B. A., International Economics (2002)  
Knox College-Galesburg, Illinois (1997-2000)  
B. A., International Integrated Studies with Honors (2000)

#### **RELEVANT EMPLOYMENT**

Nine Mile Creek Watershed District (Summer 2008- present)  
Education/Outreach Coordinator  
University of Minnesota (Spring 2003- present)  
Research Assistant (Water Resources Center- Spring 2009)  
Moodle Technician  
Graduate Fellow (Environmental Biology in K-12 Education- Summer 2007-2008)  
Research Assistant (Science Museum of Minnesota- Summer 2005-2007)  
Research Assistant (Department of Entomology- Fall 2003-Summer 2005)  
Teaching Assistant (Department of Fisheries and Wildlife- Spring 2003, 2004, 2005, 2006 & 2007)  
University of Minnesota (Fall 2008)  
ESPM 3011 Ethics in Natural Resources Co-Instructor  
O.H. Anderson Elementary School (Summer 2008)  
Third Grade Science Curriculum Developer  
American University of Paris (Spring and Summer 2002)  
Assistant to the Registrar's Office

## **PROFESSIONAL EXPERIENCE**

### Field

- Aquatic Sampling-Fall 2004- Winter 2007, Battle Creek Elementary Environmental Magnet School, University of Minnesota and Iowa Lakeside Laboratories
- Lake Coring Assistant, June 2005- September 2005, Saint Croix Watershed Research Station, Science Museum of Minnesota
- Lake Coring Through Ice Assistant, January 2005, Natural Research Resource Institute, University of Minnesota-Duluth
- Bog Coring Assistant, summer 2000, Université de Toulouse

### Teaching

- Co-instructor, University of Minnesota, Fall 2008
- Science Educator, Battle Creek Elementary Environmental Magnet School, July 2007- June 2008
- Teaching Assistant, Spring 2003-2007, Department of Natural Resources and Environmental Studies, University of Minnesota- ESPM 3011 Ethics and Leadership in Resource Management
- Project Wet and Project Wild Certified Educator, November 2007
- Teaching Assistant, Summer 2004, Department of Botany, Iowa State University and University of Iowa Lakeside Laboratories- Ecology and Systematics of Diatoms
- Teaching Assistant, Spring 1999, Department of Political Science, Knox College- European Governments

### Technological Development

- Webmaster for the Chironomid Research Group, Summer 2007- present  
[www.entomology.umn.edu/midge](http://www.entomology.umn.edu/midge)
- Teaching Assistant Web Certification Program (completed Spring 2007)
- Geo-Chironomidae Database, European Taxonomic Framework, Creator (2005)
- Macro-Invertebrate Wetland Project Database, Minnesota Pollution Control Agency, Creator (2004)

## **UNIVERSITY AND PROFESSIONAL SERVICES**

- Rule Curve Monitoring Workshop Member, International Joint Commission, (March 10<sup>th</sup> and 11<sup>th</sup> 2008)
- Water Resources Students In Action Member, University of Minnesota, (Fall 2004-present)
- Water Resources Students In Action Fundraiser Coordinator, University of Minnesota, (Fall 2007)
- Executive Committee Member, Water Resources Science, University of Minnesota (Fall 2005- present)
- Entomology Seminar Committee Member, Department of Entomology, University of Minnesota (Fall 2006-Spring 2007)
- Department Structure Working Group, Merger of COAFES and CNR, University of Minnesota (Fall 2005-Spring 2006)

Water Quality Task Force, Water Resources Science, University of Minnesota  
(Spring 2005-Fall 2006)  
Curriculum Committee Member, Water Resources Science, University of Minnesota  
(Fall 2004-Summer 2005)  
College of Natural Resources Student Faculty Board Member, University of  
Minnesota (Fall 2004-Summer 2005)

## **PROFESSIONAL PRESENTATIONS**

The Volunteer Stream Monitoring Interactive Verification Program and other Web-based Tools, Mississippi River Research Consortium (2009)  
Interactive Effects of Hydromanagement, Land Use and Climate on Water Quality of Border Lakes in Voyageurs National Park and Vicinity, Lake of the Woods International Water Quality Forum (2009)  
Using Paleolimnological Records to Separate Impacts of Management, Land-use, and Climate in US National Park Lakes, American Geophysical Union (2008)  
Anthropogenic induced impacts in Voyageurs National Park, Lake of the Woods Water Quality Forum (2008)  
Enriching K-6 Curriculum with "Real" Science, NSF GK-12 Annual Meeting (2008)  
A Paleolimnologic Study on Impacts of Settlement, Damming and Hydromanagement in a Large Boreal Lake, Water Resources Science Seminar, University of Minnesota (2007)  
Impacts of Settlement, Damming, and Hydromanagement on a Large, Boreal Lake: a Paleolimnological Before-After, Control-Impact Study, North American Diatom Symposium (2007)  
Historical Changes of Diatom Communities and Water Quality in Namakan Lake and Lac La Croix, Lake of the Woods International Water Quality Forum (2007)  
Before-After, Control-Impact Study of Diatom Community Response to Water-Level Manipulation, International Diatom Symposium (2006)  
Namakan Lake: a challenging lake for paleolimnological studies, International Chironomid Symposium (2006)  
Determining the Historical Impact of Water-level Management on Lakes in Voyageurs National Park: Namakan Lake and Lac La Croix, International Paleolimnology Symposium (2006)  
Determining the Historical Impact of Water-level Management on Lakes in Voyageurs National Park, Lake of the Woods International Water Quality Forum (2006)  
The Impacts of Regulated Water Levels on Water Quality and Biodiversity of Limnic Diatoms and Chironomids, Kelowna, Midge Dead Head Conference (2005)  
Bottle Traps and Dipnetting: Evaluation of Two Sampling Techniques for Assessing Macroinvertebrate Biodiversity in Depressional Wetlands, New Orleans, North American Benthological Society Meeting (2005)  
Determining the Historical Impact of Water-level Management on Lakes in Voyageurs National Park using Paleolimnology, Lakes of the Woods International Water Quality Forum (2005)  
Chironomids and Palaeolimnological Studies, the Chironomidae Research Group at the University of Minnesota (2004)

Miocene Diatoms from the Ashfall Fossil Beds near Royal, Nebraska, North American Diatoms Symposium (2003)

## **PUBLICATIONS**

- Serieyssol, C.A.**, M.B. Edlund, L. Kallemeyn and J. Ramstack. Combined effects of hydromanagement, land use and climate warming on water quality of US – Canada borders waters (**in prep**)
- Serieyssol, C.A.**, M.B. Edlund and L. Kallemeyn. Impacts of settlement, damming, and hydromanagement in a large, boreal lake: a paleolimnological Before – After, Control-Impact Study (**in press**)
- Serieyssol, C.A.**, M.B. Edlund and L. Kallemeyn. 2008. Anthropogenic induced impacts in Voyageurs National Park. Proceedings of the 5<sup>th</sup> Annual International Lake of the Woods Water Quality Forum. Available at [http://rainybasinwater.org/Pages/Forum\\_Proceedings\\_2008.htm#javascript:](http://rainybasinwater.org/Pages/Forum_Proceedings_2008.htm#javascript:;);
- Serieyssol, C.A.**, M.B. Edlund and L. Kallemeyn. 2007. Historical changes of diatom communities and water quality in Namakan Lake and Lac La Croix. Proceedings of the 4<sup>th</sup> Annual International Lake of the Woods Water Quality Forum. Available at [http://www.rainybasinwater.org/Pages/Forum\\_Proceedings\\_2007.htm#javascript:](http://www.rainybasinwater.org/Pages/Forum_Proceedings_2007.htm#javascript:;);
- Serieyssol, C. A.**, R. W. Bouchard Jr., A. W. Sealock, M. M. Rufer, J. Chirhart, J. Genet and L. C. Ferrington Jr. 2005. Bottle traps and dipnetting: evaluation of two sampling techniques for assessing macroinvertebrate biodiversity in depressional wetlands. Bulletin of the North American Benthological Society, 22(1): 337

## **REVIEWER**

Guest reviewer for the journal Hydrobiologia, Fall 2008

## **DISSERTATIONS AND THESIS**

- Serieyssol, C. A.** 2008. Determining the Impacts of Damming and Water-Level Fluctuations in Voyageurs National Park, University of Minnesota, Saint Paul (**expected Spring 2009**)
- Serieyssol, C. A.** 2002. Devising a water partition plan for the Jordan Basin. M.A. thesis, University of Leeds, Leeds, United Kingdom
- Serieyssol, C.A.** 2000. The Conflict between Water and Peace Agreements in the Jordan Basin. Honors Dissertation, Knox College, Galesburg

## **REFERENCES**

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Nine Mile Creek Watershed District  
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Dr. Ray Newman  
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Water Resources Science, Director of Graduate Studies, Twin Cities  
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