

Resume of Michael Kostiuk

Contact Information:

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Education:

- **M.A. Degree in Geography**, Carleton University, Ottawa. MA Thesis Topic: "Determining the Spatial Data Requirements for a Geographic Information System to Support Coastal Zone Management. Cobscook Bay, Maine. A Case Study". November 2001.
- **Bachelor of Education Degree**, University of Ottawa. April 2006.
- **Diploma in International Trade**, sponsored by the Forum for International Trade Training (F.I.T.T.). Courses taken at Algonquin College and The Entrepreneurship Centre - Ottawa Centre for Research and Innovation (OCRI), Ottawa. 2002.
- **Honours Degree in Geography, Profile: Regional Development**. University of Ottawa, Cum Laude, 1996.
- **Concentration Degree in Slavic Studies**, University of Ottawa, 1994.
- **Certificate in Business Administration**, University of Ottawa, 1991

Certifications

- **O.C.T. Ontario Certified Teacher** by the Ontario College of Teachers 2006. Qualified to teach Geography and Computer Science at the intermediate and senior levels.
- **C.C.E.P.** (Canadian Certified Environmental Practitioner)
- **C.I.T.P.** (Certified International Trade Practitioner)

Skills and abilities:

- Knowledge of the Municipal Planning Acts and Regulations in Ontario.
- Knowledge of Coastal Zone Management
- Knowledge of Sustainable Development.
- Knowledge of Canadian Environmental Assessment Act.
- Knowledge of Northern Development.
- Lesson Planning for Teaching at the Intermediate and Senior levels.
- Project Management. Completion of Public Service Project Management course R901 January 2002.
- Completion of All Planning Primer Courses offered by the City of Ottawa.
- Accuracy assessment methods for Remote Sensing and GIS related data.
- ISO 9001 Standards

- Knowledge and ability in a variety of G.I.S. and cartographic software.
- Geomatics principles and techniques.
- Ability to use Professional quality Trimble GPS systems and conversion software.
- Knowledge and ability using various remote sensing techniques and operations.
- Networking/Administering small computer systems.

Work Related Projects:

- **President** of Carlington Community Association from 2007 to 2010.
- **Election Monitoring mission Ukraine 2010.** Through the Canadian NGO, Canadem. Observed and reported on the second round Ukrainian presidential election. Area of observation was in the city of Mykolayiv, Ukraine in February of 2010.
- **Election Monitoring mission Ukraine 2004.** Seconded to the Organization for Security Cooperation Europe (OSCE) through Canadem. Observed and reported on the second round Ukrainian presidential election. Area of observation was in the city of Dnipropetrovsk, Ukraine in December of 2004.
- **Electoral Mapping.** Creation, Editing and Updating of the Canadian Election Geo-Spatial Data base. Support duties for Special Voting Rules Division. Elections Canada. 2003 through 2005.
- **Rideau River Shoreline Classification project:** in cooperation with the Rideau Valley Conservation Authority and the Canada Centre for Sustainable Watersheds. Development of protocols and methodology for the shoreline classification of the Rideau River. On site survey (by boat) of shoreline of Rideau River from Kars, Ontario to Buritts Rapids, Ontario: July to September 2003.
- **Map Design Project** (1:50,000, 1:100,00, 1:250,000) for Natural Resources Canada. Creation and updating of National Topographic Maps. Map Design, Project Management. ISO documentation. From May 2001 to September 2002.
- **GIS project** in Eastport, Maine. Creation of GIS data and maps for coastal zone management. June to August 1999.
- **Former Waste Disposal Site Inventory.** Researched and mapped the location of former waste disposal sites in Goulbourn Township. 1998.
- **Walking Security Index (WSI) Project** for the Regional Municipality of Ottawa Carleton under the terms and conditions of RMOC Project No. 91233409(Walking Security Index). Research in the areas of pedestrian related articles in the various media publications as well as being a rapporteur for one of the conference workshops. Ottawa April 27, 1996.
- **Internet Project in Ukraine** in co-operation with the Canadian Society for International Health and the United Nations Internet Project for Ukraine. Project Management to establish computers and Internet connections as well as teaching medical staff how to use the Internet. January to March 1995.
- **Ideal Village Housing Cooperative** (Ideal Village Co-op). Participated in the organizing, planning, design and operation of the Ideal Housing Cooperative in Orleans (Ottawa), Ontario. 1981-3.

Volunteer Projects and Memberships:

- Sparks Street Heritage Streetcar Committee. www.capitalstreetcar.com
- Member of Canadian Aerospace Museum's project that constructed a full-scale replica of the Avro Arrow in Toronto.
- Member of Vintage Wings of Gatineau Quebec. www.vintagewings.ca
- Member of the City of Ottawa Emergency Radio Communications Group (EMRG).
- Member of Canadem, which is Canada's civilian Reserve to promote democracy and national building around the world. www.canadem.ca
- Member of the Carlington Community Association.
- Member of the Ottawa Palaeontology Club (Fossils).
- Member of Transport Action (Formerly Transport 2000).
- Member of the Prince of Wales Drive Widening Public Consultation Group.

Articles in Refereed Conference Proceedings:

- Kostiuk, M. (2002). *Using Remote Sensing Data to Detect Sea Level Change*. In Integrating Remote Sensing at the Global, Regional, and Local Scale Pecora 15/Land Satellite Information IV Conference. ISPRS Commission I Mid-term Symposium/FIEOS . November 10-15, 2002. Denver, Colorado.
- Kostiuk, M. (2001). *The Use of Geographic Information for Coastal Zone Management. Cobscook Bay, Maine - A Case Study*. In T. Chopin & P. G. Wells (Eds.), Opportunities and Challenges for Protecting, Restoring and Enhancing Habitats in the Bay of Fundy. Proceedings of the 4th Bay of Fundy Science Workshop, Saint John New Brunswick, September 19-21, 2000. Environment Canada, Atlantic Region Occasional report Number 17, Environment Canada. (pp.113-123). Dartmouth, Nova Scotia.
- Barr, D., Cameron, N. & Kostiuk, M. (1996). *Summary Comments on Observing Intermodal Traffic Conflicts*. In B. Wellar (Ed.), Perspectives on Pedestrian Safety. Proceedings of the 1996 Ottawa-Carleton Pedestrian Safety Conference. (pp. 120-125). Ottawa.

Papers/Presentations at Conferences:

- *Rideau River Shoreline Classification Methods*. Poster presentation at Coastal Zone Canada 2004 Conference, Saint John's Newfoundland June 27-30 2004.
- *Using Remote Sensing Data to Detect Sea Level Change*. Poster presentation for the ISPRS Commission and Symposium on Integrating Remote Sensing at the Global, Regional and Local Scale. November 10-15, 2002. Denver, Colorado.
- *The Use of Geographic Information for Coastal Zone Management. Cobscook Bay, Maine - A Case Study. September 19, 2000* at the Coastal Zone Canada 2000 Conference, Saint John, New Brunswick.
- *Presentation and Workshop on Recent Developments on the Use of the Internet in Post Soviet Ukraine*. (1996). Washington Group Leadership Conference. Key Bridge Marriott, Arlington, Virginia.

Technical Reports:

- Advanced Electronic Mail Techniques on the INTERNET. (1995). Prepared for the Canadian Society for International Health. Ottawa.

Awards:

- **Graduate Scholarship**, Carleton University. September 1998.
- **Special Ontario Volunteer Award** for "Ice Storm 98 Emergency Radio Service" 1998 in the Kemptville Ontario.
- **Ontario Volunteer Award** for Ten Years Community Service, 1998.
- **Bell Mobility/TMG Sales Incentive** for achieving the highest number of sales during the Christmas campaign in the Eastern region. December 1997.
- **Public Service Suggestion Award 1985**. Developed new method of map production that reduced production costs and increased outputs of the Real Estate Services division of Public Works. Canada

Recent Employment:

- **Intermediate and Senior Teacher**. Ottawa Carleton District School Board and Ottawa Catholic School Board. Since September 2006.
- **Geographic Data Collector**. DMTI. 2007.
- **Ecology Teacher**. National School of Languages. 2006.
- **Geography Officer**. For Elections Canada. Creation and updating maps and GIS data of the National Geographic Database. From September 2003 through July 2005.
- **Shoreline Classification Geographer** for the Rideau Valley Conservation Authority and the Canada Centre for Sustainable Watersheds. Development of protocols and methodology for the shoreline classification of the Rideau River. On site survey (by boat) of shoreline of Rideau River from Kars, Ontario to Buritts Rapids, Ontario: July to September 2003.
- **Project Officer**. Centre for Topographic Information (Ottawa), Natural Resources Canada. Creation and updating of National Topographic Maps. Map Design, Project Management. ISO documentation. From September 25, 2000 to September 30, 2002.
- **GIS Consultant**. Atlantic Center for the Environment, Cobscook Bay Resource Center, Eastport Maine. Development of protocols and methodologies for measuring various shoreline features of the Bay of Fundy and Gulf of Maine coastal region. 1999.
- **Teaching Assistant**, Carleton University, Ottawa. From September 1998 to May 2000.
- **Planning Assistant**, Planning Department, Goulbourn Township. 1998.
- **Cartographer**. Real Estate Services Division. Public Works Canada 1981- 1986.