

Brian Klinkenberg
Department of Geography,
University of British Columbia
1984 West Mall, Vancouver, BC, V6T 1Z2
Telephone: 604-822-3534 E-mail: brian@geog.ubc.ca

A full CV and list of publications is available at <http://www.geog.ubc.ca/~brian/cv.html>

EDUCATION

M. Sc. University of Western Ontario 1983 (Biogeography)

Ph. D. University of Western Ontario 1988 (Landscape Modelling and GIS)

COURSES TAUGHT

Introduction to GIS (Geog. 270), Introduction to Cartography (Geog. 372), Introduction to Remote Sensing (Geog. 373), Advanced GIS (Geog. 376), Applied GIS in Conservation Biology, Health, and Crime Analysis (Geog. 471), Graduate Seminar in GIS (Geog. 570)

SELECTED CURRENT PROJECTS

- Biogeographic atlases of British Columbia: E-Flora BC and E-Fauna BC (Various)
- GIS Modeling and Emergency Planning (NSERC)

AFFILIATIONS

- Faculty Associate, Institute for Resources, Environment and Sustainability, UBC.
- Faculty Associate, Centre for Applied Conservation Biology, UBC
- Research Associate, University of British Columbia Herbarium

SELECTED COMMITTEES

- **Chair**, Remote Sensing and GIS Council, University of British Columbia
- **Chair**, Research Committee, South Coast Conservation Program (2006-present)
- **Member**, National Streambank Lupine Recovery Team (2004-present)
- **Member**, National Phantom Orchid Recovery Team (2004-present)
- **Chair**, Advisory Committees, E-Flora BC and E-Fauna BC

SELECTED PRESENTATIONS

- October 2007 (Upcoming). Electronic Atlases: Past, Present and Future. Selkirk Geospatial Research Centre and the Columbia Basin Fish and Wildlife Compensation program. Invited Presentation.
- June 2007. Oil and Water? Geospatial Technologies, Taxonomy and Collections Databases: the Case of E-Flora BC. Annual Meeting of the Canadian Botanical Association. Symposium: Floristics for the Future, Systematics and Phytogeography. Section, June 10-14, 2007. Saskatoon, Saskatchewan. Invited Presentation.
- April 2007. Virtual Botany: a Peak into the World of E-Flora BC. Vancouver Natural History Society: Botany Group. Invited presentation.
- July 2006. *E-Flora BC: A Canadian Floristic Resource*. Botany 2006: Annual Meeting of the Botanical Society of America. Symposium: Flora of North America Synergy with other Botanical Projects. July 28-Aug. 3. Chico, California. Invited Presentation.
- May 2006. *Geospatial Technologies and the Geographies of Fear and Hope*. UniGIS Seminar, Harbour Centre. May 18-19. Vancouver, British Columbia. Invited presentation.

- February 2006. *The Electronic Atlases of BC: An overview of E-Flora BC and E-Fauna BC*. Presentation prepared for "Measuring and Monitoring Sustainable Forest Management Criteria and Indicators: an Update on Some Useful Sources of Terrestrial Ecological Data" Workshop. Forest Research Extension Partnership. February 20th, 2006. Victoria, BC. Invited Presentation.
- January 2006. *The Use of GIS and databases in Conservation: An Introduction to E-Flora BC Atlassing*. Aliens as Foes Symposium. Annual General Meeting, Invasive Plant Council of BC. January 23, 2006. Richmond, BC. Invited Presentation.

SELECTED RECENT PUBLICATIONS

- Tachiiri, Kaoru, Masato Shinoda and Brian Klinkenberg. Submitted. Spatial Analysis of the contribution of vegetation and snow anomaly to Mongolian dzud in 1999-2002 using remotely sensed NDVI and SWE datasets. *International Journal of Climatology*. Submitted.
- Klinkenberg, Brian. 2007. Geospatial Technologies and the Geographies of Hope and Fear. *Annals of the American Association of Geographers* 97(2): 229 - 466.
- Klinkenberg, Brian (Editor). 2007. *The Biogeographic Atlases of British Columbia: E-Fauna BC: Electronic Atlas of the Fauna of British Columbia* [www.eflora.bc.ca]. Lab for Advanced Spatial Analysis, Department of Geography, University of British Columbia, Vancouver. Web publication.
- Klinkenberg, Brian (Editor). 2007. *The Biogeographic Atlases of British Columbia: E-Flora BC: Electronic Atlas of the Plants of British Columbia* [www.eflora.bc.ca]. Version 2007. Lab for Advanced Spatial Analysis, Department of Geography, University of British Columbia, Vancouver. Web publication.
- Sharma, Tara, Jeff Carmichael and Brian Klinkenberg. 2006. Integrated modeling for exploring sustainable agriculture futures. *Futures Journal*. 38: 93-113.
- Tachiiri, Kaoru, Brian Klinkenberg, Jamil Kazmi and Sunny Mak. 2006. [Predicting outbreaks: A spatial risk assessment of West Nile virus in British Columbia](#). *International Journal of Health Geographics* 5: 21.
- Er, Kenneth, John Innes, Kathy Martin and Brian Klinkenberg. 2005. Forest Loss with Urbanization Predicts Bird Extirpations in Vancouver. *Biological Conservation*. 126: 410-419.
- Sharma, Tara, Jeff Carmichael and Brian Klinkenberg. 2005. Exploring alternate scenarios of sustainable agriculture futures in the Georgia Basin, British Columbia. *Journal of the Indian Society of Remote Sensing*. 33(2): 353-363.
- Albani, Marco, Brian Klinkenberg, Dave Andison and J. P. (Hamish) Kimmins. 2004. The choice of window size in quadratic approximation of topographic surfaces from Digital Elevation Models. *International Journal of GIS* 18 (6): 577-595.
- Davis, Trevor, Brian Klinkenberg and C. Peter Keller. 2004. Evaluating Restoration Success on Lyell Island, British Columbia using oblique videogrammetry. *Restoration Ecology* 22 (3).
- Warman, Leanna D., A. E. R. Sinclair, Geoff G. E. Scudder, Brian Klinkenberg and Robert L. Pressey. 2004. Sensitivity of systematic reserve selection to decisions about scale, biological data and targets--a case study from southern British Columbia. *Landscape Ecology* 18 (5): 655-666.