

PAUL GALPERN

Assistant Professor

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ACADEMIC CAREER

Assistant professor, Faculty of Environmental Design, University of Calgary	2013-
NSERC CANPOLIN Post-doctoral fellow, Department of Biology, University of Ottawa	2013
Post-doctoral research associate, Natural Resources Institute, University of Manitoba	2012-2013
Ph. D., Natural Resources Institute, University of Manitoba	2008-2012
B. Ed., Ontario Institute for Studies in Education, University of Toronto	2000-2001
M. Sc., Department of Zoology, University of Toronto	1997-2000
B. Sc., Ecology, University of Toronto (with high distinction, Dean's List Scholar)	1993-1997

AREAS OF RESEARCH AND TEACHING INTEREST

landscape ecology; pollinator decline; agroecosystems; ecosystem services; ecological informatics; urban informatics; urban walkability; spatial genetics; ecological modelling; software development; geographic information systems (GIS); evidence-based decision support for planning

TOP FIVE PEER-REVIEWED JOURNAL PUBLICATIONS (2010-)

1. Kerr, J.T., Pindar, A., **Galpern, P.**, Packer, L., Potts, S.G., Roberts, S.M., Schweiger, O., Colla, S.R., Richardson, L.L., Wagner, D.L., Gall, L.F., Sikes, D.S., Pantoja, A. Climate change impacts on bumblebees converge across continents. 2015. *Science* 348.
2. **Galpern, P.**, Manseau, M., Fall, A. 2011. Patch-based graphs of landscape connectivity: a guide to construction, analysis, and application for conservation. *Biological Conservation* 144:44-55.
3. **Galpern, P.**, Manseau, M., Wilson, P. 2012. Grains of connectivity: analysis at multiple spatial scales in landscape genetics. *Molecular Ecology*. 21:3996-4009.
4. **Galpern, P.**, Manseau, M., Hettinga, P., Smith, K., Wilson, P. 2012. ALLELEMATCH: an R package for identifying unique multilocus genotypes where genotyping error and missing data may be present. *Molecular Ecology Resources* 12:771-778.
5. **Galpern, P.**, and Manseau, M.. 2013. Modelling the influence of landscape connectivity on animal distribution: a functional grain approach. *Ecography*. 36:1001-1016.