

PUBLICATIONS

Reviewed Articles

----- 2016 – 2017 -----

Morales-Marín, L., Chun, K.P., Wheeler, H. and **Lindenschmidt**, K.-E. (accepted) Trend analysis of nutrient loadings in a large prairie catchment. *Hydrological Sciences Journal*.

Doig, L.E., North, R.L., Hudson, J.J., Hewlett, C., **Lindenschmidt**, K.-E. and Liber, K. (accepted) Climate impacts on sediment phosphorus release: a case study from a narrow, river valley reservoir in the northern Great Plains of North America. *Hydrobiologia*.

----- 2015 – 2016 -----

Bradford, L., Bharadwaj, L. and **Lindenschmidt**, K.-E. (2016) Alternative policies for collaborative publishing in natural resource journals. *Society & Natural Resources* **29**(11): 1375-1388. <http://dx.doi.org/10.1080/08941920.2016.1150542>

Chu, T. and **Lindenschmidt**, K.-E. (2016) Integration of space-borne and air-borne data in monitoring river ice processes in the Slave River, Canada. *Remote Sensing and Environment* **181**: 65–81. <http://dx.doi.org/10.1016/j.rse.2016.03.041>

Elshorbagy, A., Lakhanpal, A., Raja, R., Ceola, S., Montanari, A. and **Lindenschmidt**, K.-E. (2016) Topography- and nightlight-based national flood risk assessment in Canada. *Hydrology and Earth System Sciences Discussion*. <http://dx.doi.org/10.5194/hess-2016-524>

Hosseini, N., Chun, K.P. and **Lindenschmidt**, K.-E. (2016) Quantifying spatial changes in the structure of water quality constituents in a large prairie river within two frameworks of a water quality model. *Water* **8**: 158 <http://dx.doi.org/10.3390/w8040158>.

Lindenschmidt, K.-E., Das, A., Rokaya, P. and Chu, T. (2016) Ice jam flood risk assessment and mapping. *Hydrological Processes* **30**: 3754–3769. <http://dx.doi.org/10.1002/hyp.10853>

Meissner, A.G.N., Carr, M.K., Phillips, I.D. and **Lindenschmidt**, K.-E. (2016) Using a Geospatial Model to Relate Fluvial Geomorphology to Macroinvertebrate Habitat in a Prairie River—Part 1: Genus-Level Relationships with Geomorphic Typologies. *Water* **8**(2): 42. <http://dx.doi.org/10.3390/w8020042>

Meissner, A.G.N., Carr, M.K., Phillips, I.D. and **Lindenschmidt**, K.-E. (2016) Using a Geospatial Model to Relate Fluvial Geomorphology to Macroinvertebrate Habitat in a Prairie River- Part 2: Matching Family-Level Indices to Geomorphological Response Units (GRUs). *Water* **8**(3): 107. <http://dx.doi.org/10.3390/w8030107>

MacKinnon, B., Sagin, J., Baulch, H., **Lindenschmidt**, K.-E. and Jardine, T. (2016) Influence of hydrological connectivity on winter limnology in floodplain lakes of the Saskatchewan River Delta, SK. *Canadian Journal of Fisheries and Aquatic Sciences* **73**(1):140-152. <http://dx.doi.org/10.1139/cjfas-2015-0210>

Carr, M.K., Watkinson, D.A. and **Lindenschmidt**, K.-E. (2016) Identifying Links between Geomorphic Response Units (GRU) and Fish Species in the Assiniboine River, Manitoba. *Ecology* <http://dx.doi.org/10.1002/eco.1714>

- Carr, M.K., Watkinson, D.A., Svendsen, J.C., Enders, E.C., Long, J. and **Lindenschmidt**, K.-E. (2015) Geospatial modelling of the Birch River: Spawning distribution of Carmine Shiner (*Notropis percobromus*) in Geomorphic Response Units (GRU). *International Review of Hydrobiology* **100**(5-6): 129–140. <http://dx.doi.org/10.1002/iroh.201501789>
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Book Contributions

Lindenschmidt, K.-E. 2014. *Winter Flow Testing of the Upper Qu'Appelle River*. Lambert Academic Publishing, Saarbrücken, Germany. ISBN 978-3-659-53427-0

Lindenschmidt, K.-E. 2007. The effectiveness of polder systems on peak discharge capping of floods along the middle reaches of the Elbe River, Germany: an environmental perspective. In: Five years after the flood: concepts of flood protection – design, evaluation, realisation. Dresdner Wasserbauliche Mitteilungen 35, ISBN 978-3-86005-571-7, ISSN 0949-5061, pp. 167-177.

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