

LIFETIME PUBLICATIONS: (i)

Peer-Reviewed:

(c) *Published Journal Articles:*

(* denotes student, PDF or other HQP)

[62] Wellen C*, Shatilla NJ*, **Carey SK**. 2015. Regional scale selenium loading associated with surface coal mining, Elk Valley, British Columbia, Canada. *Science of the Total Environment*, 531, 791-802. doi:10.1016/j.scitotenv.2015.06.040.

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[60] Lessels JS*, Tetzlaff D, **Carey SK**, Smith P, Soulsby C. 2015. A coupled hydrology-biogeochemistry model to simulate dissolved organic carbon exports from a permafrost influenced catchment. *Hydrological Processes*. doi:10.1002/hyp.10566. Contributed ~20% of the manuscript writing.

[59] Ali G, Tetzlaff D, McDonnell JJ, Soulsby C, **Carey SK**, Laudon H, McGuire K, Buttle J, Seibert J, Shanley J. 2015. Comparison of threshold hydrologic response across northern catchments. *Hydrological Processes*. doi:10.1002/hyp.10527

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[52] Ali G, Tetzlaff D, Kuitbos L*, Soulsby C, **Carey SK**, McDonnell J, Buttle J, Laudon H, Seibert J, McGuire K, Shanley J. 2014. Analysis of hydrological seasonality across northern catchments using monthly precipitation-runoff polygon metrics. *Hydrological Sciences Journal*, 59: 56-72, doi: 10.1080/02626667.2013.822639 Contributed ~15% of the manuscript 9 of 18 writing.

- [51] **Carey SK**, Tetzlaff D, Buttle J, Laudon H, McDonnell J, McGuire K, Seibert J, Soulsby C, Shanley J. 2013. Use of color maps and wavelet coherence to discern seasonal and inter annual climate influences on streamflow variability in northern catchments. *Water Resources Research*, doi:10.1002/wrcr.20469.
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