

## PUBLICATIONS – JOHN A. GAMON

### Peer-Reviewed Publications (\*asterisks indicate student authors or co-authors)

- \*Kothari, S, Cavender-Bares, J, Bitan, K, Verhoeven AS, \*Wang R, Montgomery RA, Gamon JA, (in press) Community-wide consequences of variation in photoprotective physiology in prairie plants. *Photosynthetica*.
- \*Wang R, Gamon JA, Cavender-Bares J, Townsend PA, Zyguelbaum AI (in press) The spatial sensitivity of optical diversity-biodiversity relationship: an experimental test in a prairie grassland (Cedar Creek). *Ecological Applications*.
- \*Springer K, \*Wang R, Gamon J, Parallel Seasonal Patterns of Photosynthesis, Fluorescence, and Reflectance Indices in Boreal Trees. *Remote Sensing* 9:691, doi:10.3390/rs9070691 (FLEX Special Issue).
- Cavender-Bares J, Gamon JA, Hobbie S, Madritch M, Meireles J, Schweiger A, Townsend P (in press) Harnessing plant spectra to integrate the biodiversity sciences across biological and spatial scales. *American Journal of Botany*.
- Gitelson A, Gamon JA, Solovchenko A (2017) Multiple drivers of seasonal change in PRI: Implications for photosynthesis. 1. Leaf level *Remote Sensing of Environment*. 191:110-116. <http://dx.doi.org/10.1016/j.rse.2016.12.014>
- Gitelson A, Gamon JA, Solovchenko A (2017) Multiple drivers of seasonal change in PRI: Implications for photosynthesis. 2. Stand level *Remote Sensing of Environment*. 190:198-206. <http://dx.doi.org/10.1016/j.rse.2016.12.015>
- \*Williamson SN, Hik DS, Gamon JA, Jarosch AH, Anslow FS, Clarke G, Rupp, S (2017) Spring and summer monthly MODIS LST is inherently biased compared to air temperature in snow covered sub-Arctic mountains. *Remote Sensing of Environment*, 189 (2017) 14–24. <http://dx.doi.org/10.1016/j.rse.2016.11.009>.
- \*Wehlage DC, Gamon JA, Thayer DR, Hildebrand D (2016) Interannual variability in dry mixed-grass prairie yield: a comparison of MODIS, SPOT, and field measurements. *Remote Sensing*. 8, 872; doi:10.3390/rs8100872.
- Gamon JA, Huemmrich KF, \*Wong CYS, Ensminger I, Garrity S, Hollinger DY, Noormets A, Peñuelas J (2016) A remotely sensed pigment index reveals photosynthetic phenology in evergreen conifers. *Proceedings of the National Academy of Sciences*. doi:10.1073/pnas.1606162113
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- \*Nestola E, Calfapietra C, \*Emmertson CA, \*Wong CY, \*Thayer DR, Gamon JA (2016), Monitoring grassland seasonal carbon dynamics, by integrating MODIS NDVI, proximal optical sampling, and eddy covariance measurements. *Remote Sensing*. 8:260, doi:10.3390/rs8030260.

- \*Wang R, Gamon JA, \*Emmerton CE, Hitao L., \*Nestola E., Pastorello G, \*Menzer O (2016). Integrated analysis of productivity and biodiversity in a Southern Alberta prairie. *Remote Sensing*. 8:214, [doi:10.3390/rs8030214](https://doi.org/10.3390/rs8030214).
- \*Wang R, Gamon JA, Townsend P, Zyguelbaum A, Montgomery R, \*Bitan, K, Tilman D., Cavender-Bares J, (2016) Seasonal variation in the NDVI-species richness relationship in a prairie grassland experiment (Cedar Creek). *Remote Sensing*. 8:128 [doi:10.3390/rs8020128](https://doi.org/10.3390/rs8020128)
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### **Other Publications** (\*asterisks indicate student authors or co-authors)

- Gamon, John A. (2014) A new look at rangeland health and productivity. *Beef and Range Report*. pp. 82-83. University of Alberta.
- \*Rasaiah B, Bellman C, Chisholm L, Gamon J, Hueni A, Huete A, Jones S, Malthus T, Ong C, Phinn S, Roelfsema C, Suarez L, Townsend P, Trevithick R, Wyatt M (2013) Approaches to establishing a metadata standard for field spectroscopy datasets. *IGARSS Proceedings*, Melbourne, 2013.



- John Gamon and Gilberto Zonta Pastorello (2012) Linking Optical to Flux Data: Best Practices for Optical Sampling in the Context of Flux Measurements. Venue: *Canadian Society of Remote Sensing, Annual Meeting Proceedings*.
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