

## GEM publications 2025

1. Atmeh, K., Bonenfant, C., Gaillard, J.-M., Garel, M., Hewison, A. J. M., Marchand, P., Morellet, N., Anderwald, P., Buuveibaatar, B., Beck, J. L., Becker, M. S., van Beest, F. M., Berg, J., Bergvall, U. A., Boone, R. B., Boyce, M. S., Chamailé-Jammes, S., Chaval, Y., Buyanaa, C., . . . Loison, A. (2025). Neonatal antipredator tactics shape female movement patterns in large herbivores. *Nature Ecology & Evolution*, 9(1), 142-152. <https://doi.org/10.1038/s41559-024-02565-8>
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3. Colucci, R. R., Securo, A., Sigsgaard, C., Del Gobbo, C., Svennevig, K., & Citterio, M. (2025). Rapid mass movements triggered by an atmospheric river in Disko Island, West Greenland. *Earth Surface Processes and Landforms*, 50(15), e70201. <https://doi.org/https://doi.org/10.1002/esp.70201>
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5. Dickinson, E. R., Mosbacher, J. B., Arnison, C., Beckmen, K., Côté, S. D., Di Francesco, J., Hansson, S. V., Jahromi, E. Z., Kinniburgh, D. W., Le Roux, G., Leclerc, L.-M., Mavrot, F., Schmidt, N. M., Suitor, M. J., Taillon, J., Tomaselli, M., & Kutz, S. J. (2025). Qiviut Trace and Macro Element Profile Reflects Muskox Population Trends. *Ecology and Evolution*, 15(2), e71020. <https://doi.org/https://doi.org/10.1002/ece3.71020>
6. Etchart, L., Lecomte, N., Dechaume-Moncharmont, F.-X., Lang, J., Moreau, J., Pagnon, T., Schmidt, N. M., Sittler, B., Bollache, L., & Gilg, O. (2025). Snowmelt and laying date impact the parental care strategy of a high-Arctic shorebird. *Scientific Reports*, 15(1), 19760. <https://doi.org/10.1038/s41598-025-02318-y>
7. Forte, E., Gutgesell, P., Securo, A., Marcer, M., Citterio, M., Machguth, H., & Colucci, R. R. (2025). Comparing GPR with ice thickness and thermal models: Insights from two polythermal glaciers in West Greenland. *Journal of Glaciology*, 71, e97, Article e97. <https://doi.org/10.1017/jog.2025.10067>
8. García Criado, M., Barrio, I. C., Speed, J. D. M., Bjorkman, A. D., Elmendorf, S. C., Myers-Smith, I. H., Aerts, R., Alatalo, J. M., Betway-May, K. R., Björk, R. G., Björkman, M. P., Blok, D., Cooper, E. J., Cornelissen, J. H. C., Gould, W. A., Gya, R., Henry, G. H. R., Hermanutz, L., Hollister, R. D., . . . Vowles, T. (2025). Borealisation of Plant Communities in the Arctic Is Driven by Boreal-Tundra Species. *Ecology Letters*, 28(9), e70209. <https://doi.org/https://doi.org/10.1111/ele.70209>

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15. How, P., Petersen, D., Kjeldsen, K. K., Raundrup, K., Karlsson, N. B., Messerli, A., Rutishauser, A., Carrivick, J. L., Lea, J. M., Fausto, R. S., Ahlstrøm, A. P., & Andersen, S. B. (2025). The Greenland Ice-Marginal Lake Inventory Series from 2016 to 2023. *Earth Syst. Sci. Data*, 17(11), 6331-6351. <https://doi.org/10.5194/essd-17-6331-2025>
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19. Latuta, L., Smedsrud, L. H., Darelus, E., Hansen, P. J., & Willis, J. K. (2025a). Drivers of seasonal hydrography in Disko Bay, Greenland. *EGUsphere*, 2025, 1-28. <https://doi.org/10.5194/egusphere-2025-1492>

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  32. Sogaard, D. H., López–Blanco, E., Lund–Hansen, L. C., Sorrell, B. K., Holding, J. M., Schmidt, N. M., Sejr, M. K., Rysgaard, S., Winding, M. H. S., Christensen, T. R., Juul–Pedersen, T., Mastepanov, M., Tank, J. L., & Riis, T. (2025). Climate change drives coastal oligotrophication in a high-Arctic fjord via terrestrial greening and freshwater input. *Environmental Research Communications*, 7(6), 061012. <https://doi.org/10.1088/2515-7620/ade03e>
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