

*Total: 89 publications, 27 as first author, 20 as second of two authors; 14 as second of more than two authors; 15 in GJI; 7 in JGR; 6 in GRL; 6 in EPSL; 3 in PNAS; 1 in Nature; 1 in SIAM Review; 1 in Nature Geoscience; 1 in Nature Communications; 1 in Sci. Rep.; 2 in Geophysics; 2 in GEM; 2 in SRL; 1 in Lithos; 1 in BSSA; 1 in Inv. Probl.; 1 in ACHA; 1 in APJ; 1 in G3; 1 in JFAA; 1 in JGEOD; 1 in JGS; 1 in IJCG; 5 in Eos; 5 SEG Extended Abstracts; 5 LPSC Extended Abstracts; 1 EAGE Extended Abstract; 4 invited SPIE proceedings; 3 in TLE; 1 IEEE proceedings; 1 in Planet Earth; 1 in Acoustics Today; 1 in MATLAB Digest; 4 Springer book chapters.*

## Frederik J. Simons | 25 Selected Publications

- Bevis, M., Harig, C., Khan, S. A., Brown, A., **Frederik J. Simons**, Willis, M., Fettweis, X., van den Broeke, M. R., Madsen, F. B., Kendrick, E. C., Caccamise II, D. J., van Dam, T., Knudsen, P. & Nylén, T., 2019. Accelerating changes in ice mass within Greenland, and the ice sheet's sensitivity to atmospheric forcing, *Proc. Natl. Acad. Sci.*, **116**(6), 1934–1939. doi: 10.1073/pnas.1806562116.
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- Plattner, A. & **Frederik J. Simons**, 2017. Internal and external potential field estimation

- from regional vector data at varying satellite altitude, *Geophys. J. Int.*, **211**, 207–238. doi: 10.1093/gji/ggx244.
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- Simon, J. D., **Frederik J. Simons** & Irving, J. C. E., 2022. Recording earthquakes for tomographic imaging of the mantle beneath the South Pacific by autonomous MERMAID floats, *Geophys. J. Int.*, **228**, 147–170. doi: 10.1093/gji/ggab271.
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