

Full list of publications - Prof Giles Harrison [Summary](#)

Number Year Title and citation

- 353 2025 **R.G. Harrison** and S.D. Burt, Fundamental sensor response time limitations of practical air temperature measurement *Geophys Res Lett* 52, e2025GL118464 <https://doi.org/10.1029/2025GL118464>
- 352 B.P.S. McGinness, **R.G. Harrison**, K.L. Aplin, M.W. Airey, The Role of Point Discharge in the Development of Atmospheric Electricity *History of Geo- and Space Science* <https://doi.org/10.5194/hgss-2025-4> (2025)
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- 350 M.J. Rycroft, A.P. Nickolaenko, **R.G. Harrison**, A. Odzimek, The global circuit capacitor and two new ways of deriving the time constant of the global atmospheric electric circuit *J Atmos Solar-Terr Physics* 273, 106545, (2025) <https://doi.org/10.1016/j.jastp.2025.106545>
- 349 **R.G. Harrison**, H. Mkrtchyan, K.A. Nicoll, Atmospheric electricity data from Lerwick during 1964 to 1984 *Geoscience Data Journal* 12, 3 <https://doi.org/10.1002/gdj3.70009> (2025)
- 348 **Giles Harrison** and Brian Hoskins, [Obituary: James R. Milford 1932-2025](#). *Weather* 80 (8), 282 (August 2025) <https://doi.org/10.1002/wea.7712>
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- 343 **Giles Harrison**, Alec Bennett, Caleb Miller, David Bullock, Storm Ciarán's effect on the boiling point of water in the south-east of the UK *Weather* 79, 10, 312-315 (2024) <https://doi.org/10.1002/wea.4611>
- 342 **Giles Harrison** [Victorian technology for measuring the weather is still remarkably accurate](#) *The Conversation*
- 341 **R.G. Harrison**, and S.D. Burt, Accuracy of daily extreme air temperatures under natural variations in thermometer screen ventilation *Atmos Sci Lett* 25, 10, e1256, (2024) <https://doi.org/10.1002/asl.1256>
- 340 **Giles Harrison**, [Sparks from the past](#) *The Conversation*
- 339 Rycroft, M.J., Odzimek, A. and **Harrison, R.G.**, Determining the time constant of the global atmospheric electric circuit through modelling and observations. *J Atmos Solar-Terr Physics* 260, 106276, <https://doi.org/10.1016/j.jastp.2024.106267> (2024) [Context](#)
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