

Prof Giles Harrison

Giles Harrison is a Professor of Atmospheric Physics at the University of Reading. His research continues over 250 years of UK studies in atmospheric electricity, and includes aerosol physics, solar-climate interactions, scientific sensor development and quantitative data retrieval from historical sources. His experimental work has demonstrated the widespread presence of charge in the atmosphere away from thunderstorms, which he has extended to other planetary atmospheres: he also undertook some of the first airborne measurements in UK airspace of the volcanic ash from the Eyjafjallajökull volcano. Prof. Harrison holds doctorates from the University of Cambridge and Imperial College London. He leads the Royal Meteorological Society's specialist group on Atmospheric Electricity. He was elected to the *Academia Europaea* in 2014, awarded the Appleton Medal and prize of the UK Institute of Physics in 2016 and received the Christiaan Huygens medal of the European Geosciences Union in 2021. During a 30-year research career, he has authored or co-authored over 300 papers now cited almost 10000 times, edited three journal special issues, led a national citizen science experiment and had some of his scientific instruments produced commercially. His well-received postgraduate textbook on meteorological instruments is now in a Chinese edition.