

**Don MacGorman** was a scientist in atmospheric electricity at the National Severe Storms Laboratory as a postdoctoral associate 1978-1980 and as a federal scientist from 1980 until retiring in January 2020. He is a fellow of the Cooperative Institute for Mesoscale Meteorological Studies at the University of Oklahoma. With David Rust he co-authored *The Electrical Nature of Storms*, published by Oxford University Press. He has co-authored over 100 peer-reviewed publications on lightning mapping technology and observations, severe storms, mesoscale convective systems, lightning climatology, numerical storm simulations, and lightning data assimilation into numerical cloud models. He has participated in many field programs, collecting lightning mapping observations, electric field soundings, and microphysics soundings in the context of storm characteristics observed by radar. Multi-agency field deployments he helped plan and carry out include the Severe Thunderstorm Electrification and Precipitation Study (STEPS), the Thunderstorm Electrification and Lightning Experiment (TELEX), and the Deep Convective Clouds and Chemistry (DC3) experiment. He also led a small group that added electrification and lightning parameterizations to a three-dimensional numerical cloud model and later expanded its capabilities. As a federal scientist, he served on various multi-agency groups which coordinated federal use of lightning mapping observations under the United States Federal Coordinator for Meteorological Services and Supporting Research. He has served as an associate editor of *Journal of Geophysical Research – Atmospheres*, a member of the American Meteorological Society's Committee on Atmospheric Electricity, a member and chair of the American Geophysical Union's Committee on Atmospheric and Space Electricity, and a chair of the 1988 International Conference on Lightning and Static Electricity. He has been a member of the International Commission on Atmospheric Electricity since 2015 and was a co-chair of the Commission's 15<sup>th</sup> International Conference on Atmospheric Electricity.

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