

Data and Information Management for FACE

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Research on Free-Air CO₂ Enrichment (FACE) is improved, and more useful today and into the future, when supported by a data and information management system. This system should serve many functions. A World-Wide-Web site provides rapid links to, and a means for promoting communication among, the many FACE sites and researchers around the world. An up-to-date bibliography includes FACE-related literature. Standard lists of variables, units, and methods promote consistency among experiments, thereby facilitating comparisons and syntheses. Compilations of selected data sets from multiple sites are of use in analyses and modeling efforts. Long-term archival of data sets guarantees their availability and permanence. And quality-assurance and documentation of FACE data ensures that all observations are what they purport to be and that current and future users fully understand how the data were obtained.

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