

Beta testing of EOSDIS Version 0 using query scenarios from interdisciplinary scientists

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Abstract

EOSDIS (Earth Observing System's Data Information System) is obligated to provide usable scientific information and data to the geophysical, ecological, biological and interdisciplinary communities. An assessment of EOSDIS's success will be how well the data information system guides the interdisciplinary user, with their characteristic dialects, conventions and unique decision criteria, to quickly find, browse and order data they need to conduct their research. NASA is funding a prototyping exercise involving 10 interdisciplinary scientists, four software engineers, four sociologists and two librarians from the University of Virginia and one local high school science teacher. The results of this study are provided in terms of real data query scenarios which reflect the nature of research by interdisciplinary scientists