

## **Using *SORCE* Data in the College Classroom**

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The Sun provides a powerful unifying factor for a number of college science courses in areas such as astronomy, physics, environmental science, and engineering. Teaching about science using actual data, rather than solely textbook material, appeals to today's students, who benefit from "hands-on" experiences. The success of projects such as EdGCM ([edgcm.columbia.edu](http://edgcm.columbia.edu)) attests to the value of having students explore the sciences in the same way that actual research scientists do. This paper presents a number of examples of how *SORCE* data are being used at Dordt College (Sioux Center, Iowa) in courses such as solar system astronomy, stellar astronomy, introductory physics, and meteorology/climate change. The author also solicits ideas for further applications of solar and atmospheric data that can be incorporated into the college classroom.