

1035-D1-1029 **Victoria A Sapko*** (vsapko@frc.mass.edu), Framingham State College, 100 State Street, Framingham, MA 01701. *An Inconvenient Truth: College Algebra courses study applications from climate change in a campus wide teach-in at Framingham State College.* Preliminary report.

In April 2007 over 40 instructors from 15 disciplines at Framingham State College participated in a campus wide teach-in on climate change. Students in participating courses watched the film *An Inconvenient Truth* and studied climate change from the viewpoints of the various disciplines. In two College Algebra sections students observed how functions were used as evidence of climate change in the film, solved application problems relating to climate change, and modeled data on Massachusetts residential energy usage. We will examine the materials used in the College Algebra classes and discuss the outcomes of the teach-in for the class and the campus. (Received September 18, 2007)