Kose, Emek and Jennifer Kunze. 2013. Climate Modeling in the Calculus and Differential Equations Classroom. *THE COLLEGE MATHEMATICS JOURNAL*. 44(5): 424-427.

See https://www.tandfonline.com/doi/abs/10.4169/college.math.j.44.5.424 . Accessed 29 March 2023.

Introduction:

We introduce here the basic principles of climate science for a one-dimensional Energy Balance Model (EBM), as first proposed by Peter Imkeller [2]. Calculus and differential equations students can use it as a basis for further research into the climate system, particularly the icealbedo feedback mechanism.