

1086-H5-2867 **Jessica M. Libertini*** (jlibertini@math.uri.edu), 5 Lippitt Rd., Department of Mathematics, University of Rhode Island, Kingston, RI 02881. *Supporting and Developing a Course to Save the World.*

What does it take to develop an entire course motivated by a sustainability-related issue? We are creating a non-calculus based mathematical modeling course designed to identify polices that will allow our planet to support an ever increasing human population. In this talk, after presenting a brief overview of the course itself, we will explore the entire course development process – from finding course resources, to identifying sources of support, to the building of a day-to-day format – that allowed this idea to become an actual course offering. (Received September 25, 2012)