

1145-N1-801 **Katrina Palmer*** (palmerk@appstate.edu), 121 Bodenheimer Dr, Boone, NC 28608.
Mathematics & Sustainability as a First Year Seminar Course. Preliminary report.

For two years, I have taught a First Year Seminar course titled “Mathematics and Sustainability” at Appalachian State University. Many of the topic we learned about in the course came from DIMACS Mathematics of Planet Earth modules. In this presentation I will share the mathematical topics the students learned about and the activities they enjoyed most. I will also provide my thoughts on the successes and failures of the course. (Received September 15, 2018)