

1163-N1-858

Deborah Hughes Hallett*, dhh@math.arizona.edu, and **Tom Tucker**,
Ttucker@mail.colgate.edu. *Sea Level Rise and its Costs*. Preliminary report.

The impact of climate change is evident in the past summer's fires and hurricanes and the relentless rise of the sea. But how many of us appreciate the enormous costs that sea level rise is expected to pose? An understanding of possible future costs and their present values enables our students to prepare for a future in which these costs occur. This talk suggests data that can be used to develop the concept of present value in Precalculus and Calculus II in the context of sea level rise and its estimated impact. (Received September 13, 2020)