

MATHEMATICS

COLLOQUIUM

**Integrating Sustainability into Calculus:
Enhancing Calculus
while Meeting Joint Science Academies
and United Nation Goals
on Education in Sustainability**

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Tuesday, February 20

12:10

Willams 302

This talk will show how a sustainability theme can be integrating into calculus, provide reason for it, and report assessment results. Examples of problems and assignments will be presented showing how a sustainability theme fits nicely into calculus and allows for greater interdisciplinary engagement. These assignments also encourage greater student inquisition, and assessment results suggests increased interest and engagement in the course. In the end, a sustainability theme enhances calculus and provides for a more practical liberal education.