Public Lecture
Mathematics Awareness Month

Wednesday, April 24, 2013

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Computational Sustainability:
An algorithmic lens for better decision-making

Sustainability is about providing the resources to meet today's needs while preserving the environment for future generations. Managing limited resources gives rise to an incredibly broad range of issues, such as:

- *managing "sleep cycles" on your computer,*
- *limiting the impact of forest fires,*
- *battling the advance of invasive species,*
- *preserving endangered species.*

A simple mathematical model, along with algorithms to find good solutions, can be used to tackle these complex issues.

Join us: 5:00 PM in 251 Malott Hall