



Climate Science ... as *Scientists* do it!

Learn how to access Long Island Sound Watershed data using professional tools to model climate and regional ecosystems.



You will learn how:

- To manage student data gathering
- To aggregate student data
- To model with professional tools
- To teach argumentation

You will receive:

- Class set of team whiteboards & markers
- A copy of *Argument-Driven Inquiry in Earth and Space Science*, NSTA Press 2018

It's a standards-based workshop for science and math teachers to empower you to create authentic data-based lab experiences for your students.

- Science and Engineering Practices: *Highlighting Mathematical and Computational Thinking*
- Crosscutting Concepts: *Stability and Change*
- Disciplinary Core Idea: *Global Climate Change (ESS3.D)*
- Performance Expectation: *Use a computational representation to illustrate the relationships among Earth systems and how those relationships are being modified due to human activity.*
- Common Core Math Practice Standards MP2: *Reason Abstractly & Quantitatively*; MP3: *Construct Viable Arguments and Critique Reasoning of Others*; MP4: *Model with Mathematics*

Join us!

- Saturday, September 22
- Henry Abbott Technical High School
- 21 Hayestown Avenue, Danbury CT
- 8AM to 3PM, breakfast included.
(please note any dietary restrictions when you register.)

Seating limited to 20. Email the attached form to reserve your place now! TSPSTEM@gmail.com
\$10 deposit is required to hold your reservation.



This conference is given under the auspices of UCONN's Connecticut Sea Grant and EPA's Long Island Sound Study by Science Teacher Susan Meabh Kelly of Henry Abbot Technical High School in Danbury CT and Math & Engineering teacher Vin Urbanowski of the Academy of Information Technology & Engineering in Stamford, CT. Both present frequently at professional conferences. Kelly serves in leadership positions with NESTA and is 2018 Woman of Innovation Awardee. Urbanowski is a former engineer, Teacher of the Year in his district and TOY Cohort for the State of Connecticut.

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Registration Form

Fill in the form below and **email to TSPSTEM@gmail.com**

\$10 is required to reserve your place. Please send your check to:

Susan Kelly
c/o HATS
21 Hayestown Avenue
Danbury, CT 06811

Name	
Address	
School	
School phone	
Home phone	
email	
Subject(s) you currently teach	
Dietary requirements or restrictions	