ITTIP Institute for Teaching Through Technology and Innovative Practices

LONGWOOD UNIVERSITY

The Concord Consortium

STROUD WATER RESEARCH CENTER

# Model My Watershed

Professional Development on Teaching Environmental Sustainability for Grades 6 —12 Science Teachers

## July 21-23, 2015

8:30 AM - 4:30 PM

LONGWOOD UNIVERSITY
FARMVILLE, VA

**Do you want to learn more about how to use modeling and simulation in your science classroom to teach environmental sustainability? ITTIP is partnering with Concord Consortium and Stroud Water Research Center on a national project, *Teaching Environmental Sustainability: Model My Watershed (TES-MMW)*. Learn how to use an innovative online watershed application that allows your students to use authentic data to simulate the environmental impact of real-world scenarios in their own communities in Virginia.**

Starting in summer 2015 and continuing through the 2015-2016 school year, your participation in this opportunity provides the following:

- Stipend of $1,000/year in three parts:
  1) Attendance at first summer 3-day training and customize activities for classroom use (1/3 of stipend)
  2) Participation in two five-week online courses (fall and spring) and at least six hours of instruction with TES-MMW activities with students (1/3 of stipend)
  3) Attendance at second summer 2-day training in summer 2016 after participation throughout the 2015-2016 school year (1/3 of stipend)
- Survey stipend of $25 per year to complete interviews and surveys
- $240/teacher for classroom set of Watershed Trackers (Bluetooth devices for soil moisture, humidity, temperature and light)
- An opportunity to use all units and related materials of the TES-MMW curriculum

Lodging (if needed) and lunch will be provided for the summer session at Longwood. Since this is a National Science Foundation grant-funded opportunity, evaluation data will be collected in the form of pre/post tests for students, focus groups with participating teachers, and review of online teacher products.

**Please register at:** https://www.surveymonkey.com/s/MMW2015

You will be notified of your acceptance by April 1, 2015. Only 15 teachers will be accepted.