Join us for a summer institute designed to deepen teachers’ knowledge of Science and Engineering Practices, Cross-Cutting Concepts, and Disciplinary Core Ideas as identified in the Next Generation Science Standards (NGSS)

**Warren Grove NJ: Fire Ecology**

**July 10 - July 12, 2017**

**FOR TEACHERS OF GRADES K-12 IN ALL CONTENT AREAS**

Teachers will investigate how forests vary in their response to fire disturbance occurring during different times of the year and under varying intensities. Participants will spend 3 days in the New Jersey Pine Barrens, an approximately 1.4 million acre fire adapted ecosystem in southern New Jersey. Data collection will focus on fire impact on plants, insects and animals. Plant diversity, soil nutrients and terrestrial insect community assemblages will be investigated at sites with varying disturbance regimes. Participants will develop ecological hypotheses based on expected response to fire seasonality and intensity.

Participating teachers will be housed Monday & Tuesday night at the Lighthouse Center in Waretown, New Jersey. This facility is located approximately 20 minutes from the Warren Grove range and includes dormitories and cafeteria. Breakfast and dinner will be served on site while lunches will be packed into the field. Transportation will be provided to and from the Lighthouse Center for each field day. Rooms will have wifi, air conditioning and their own bathrooms (some bathrooms shared with the adjoining room).

For more information and application see [https://teacherprep.princeton.edu/fire-ecology](https://teacherprep.princeton.edu/fire-ecology)

or contact Dr. Anne Catena at acatena@princeton.edu or (609) 258-2536

This Fire Ecology Unit is in partnership with the MSP grant, a collaboration of Princeton University, Rider University and Pinelands Preservation Alliance.

The program fee is $250 for registrations received by 4/7/17 and $300 after 4/7. SPACE IS LIMITED