



CAES Seminar Series

“Environmental challenges and trees...who wins the battle?”

Dr. Adriana Arango-Velez
Department of Forestry and Horticulture
CT Agricultural Experiment Station

Wednesday, March 9, 2016
12:00 noon to 1:00 p.m.

Food and coffee will be available at 11:45 a.m.

Jones Auditorium
The Connecticut Agricultural Experiment Station
123 Huntington Street, New Haven, CT

Alterations in precipitation and temperature patterns threaten to cause widespread modifications to both forest composition and structure of urban trees. In the past two decades, these fluctuations have been identified as a major cause of forest changes due to range expansion and establishment of pest insects. In addition, urban trees stressed by increasing temperatures, urban heat island effects, compacted soils, and high salinity from de-icing salts are potentially more susceptible to novel pest insects. Dr. Arango-Velez will explore the physiological, anatomical, biochemical, and molecular mechanisms of plants in response to bark beetles, and abiotic stressors such as drought and salt toxicity.