

## Terminology Services - Vocaulary Catalog List Detail Report

**Terminology Services ID:** Heat Island Effect Glossary  
**Description:** Scientific concepts related to heat island mitigation  
**Publishing Organization:** Office of Air and Radiation  
**Last Update:** February 9, 2009

Term
<p><b>Biogenic Hydrocarbons</b></p> <p>Definition: Biogenic hydrocarbons are naturally occurring compounds, including VOCs (volatile organic compounds) that are emitted from trees and vegetation. High VOC-emitting tree species such as eucalyptus can contribute to smog formation. Species-specific biogenic emission rates may be an important consideration in large-scale tree plantings, especially in areas with high ozone concentrations.</p>