

## TOPIC 5.17

# Sustainable Forestry

### Required Course Content

#### ENDURING UNDERSTANDING

##### STB-1

Humans can mitigate their impact on land and water resources through sustainable use.

#### LEARNING OBJECTIVE

##### STB-1.G

Describe methods for mitigating human impact on forests.

#### ESSENTIAL KNOWLEDGE

##### STB-1.G.1

Some of the methods for mitigating deforestation include reforestation, using and buying wood harvested by ecologically sustainable forestry techniques, and reusing wood.

##### STB-1.G.2

Methods to protect forests from pathogens and insects include integrated pest management (IPM) and the removal of affected trees.

##### STB-1.G.3

Prescribed burn is a method by which forests are set on fire under controlled conditions in order to reduce the occurrence of natural fires.

#### SUGGESTED SKILL

 *Environmental Solutions*

##### 7.F

Justify a proposed solution, by explaining potential advantages.



#### AVAILABLE RESOURCES

- Classroom Resource > [AP Environmental Science Teacher's Guide](#)
- The Exam > [Chief Reader Report 2017, Q1](#)
- The Exam > [Samples and Commentary 2017, Q1](#)