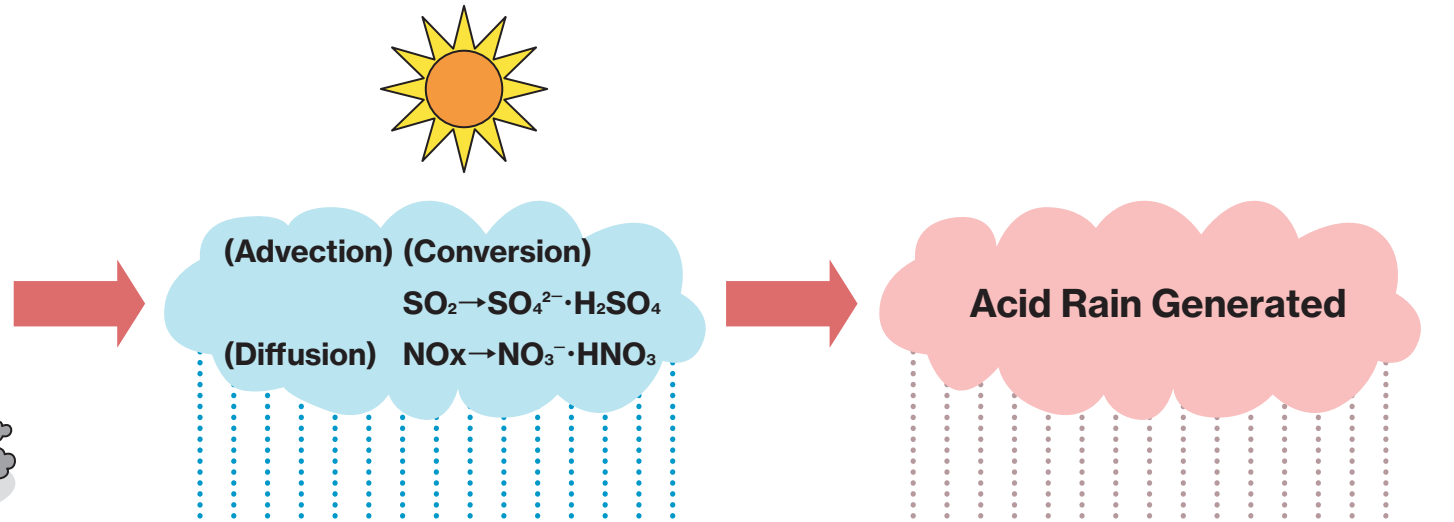
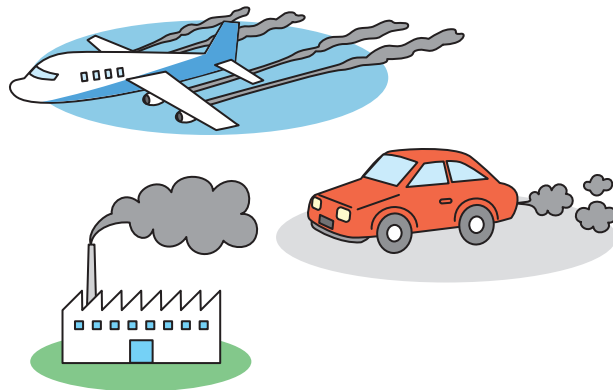


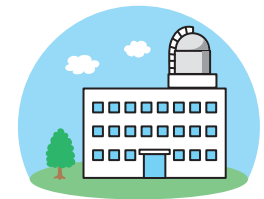
Mechanisms in the Development of Acid Rain

Emission of SO₂ (sulfur dioxide)
and NO_x (nitrogen oxide)



Impacts

(Land/Water Systems) ← **Impacts** (Soil/Vegetation Systems) ← **Impacts** (Atmospheric Systems)



Impacts of Acid Rain

Lower pH in lakes, etc.
Increased concentration of toxic metals

Leaching of bases, such as calcium	Direct effects on trees and vegetation
Elution of toxic metals, such as aluminum	

Air monitoring stations