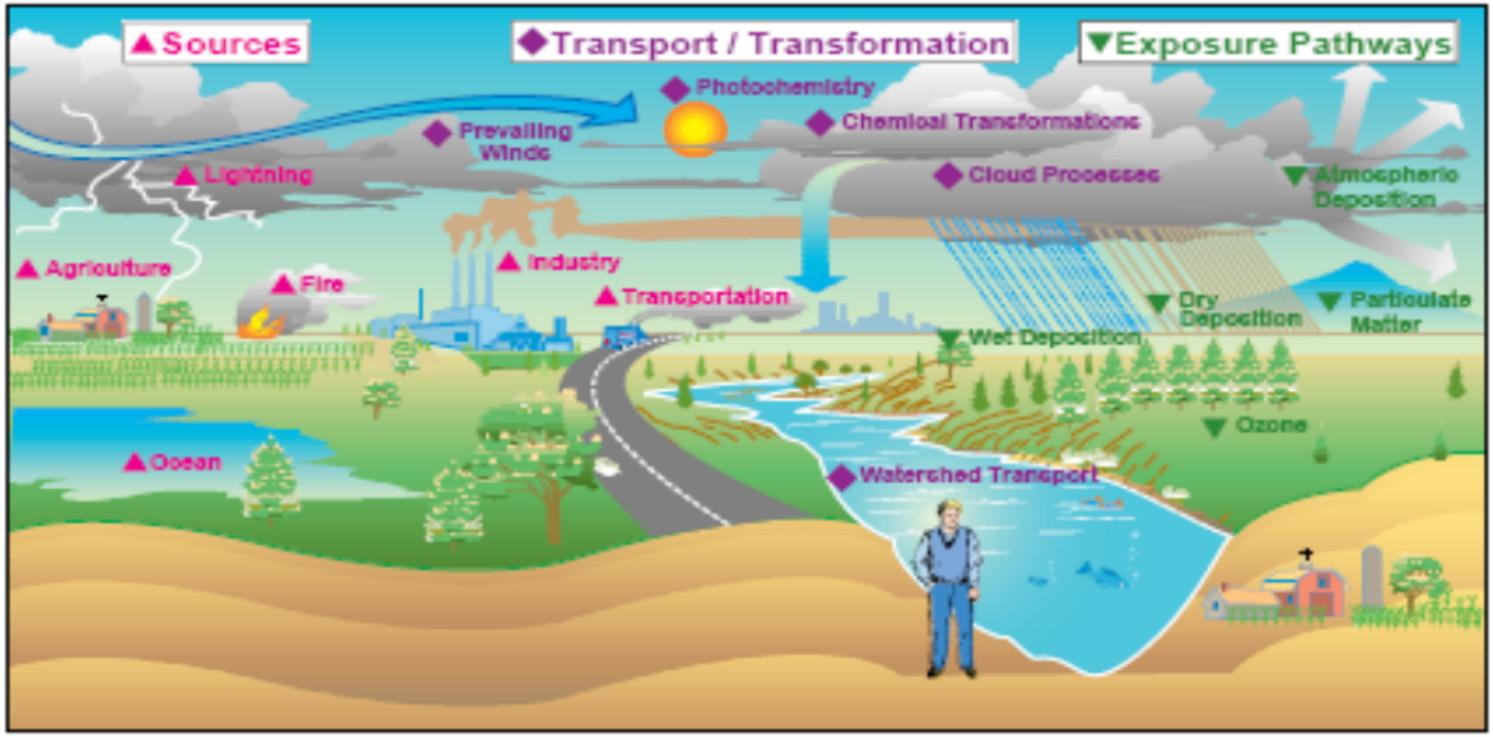
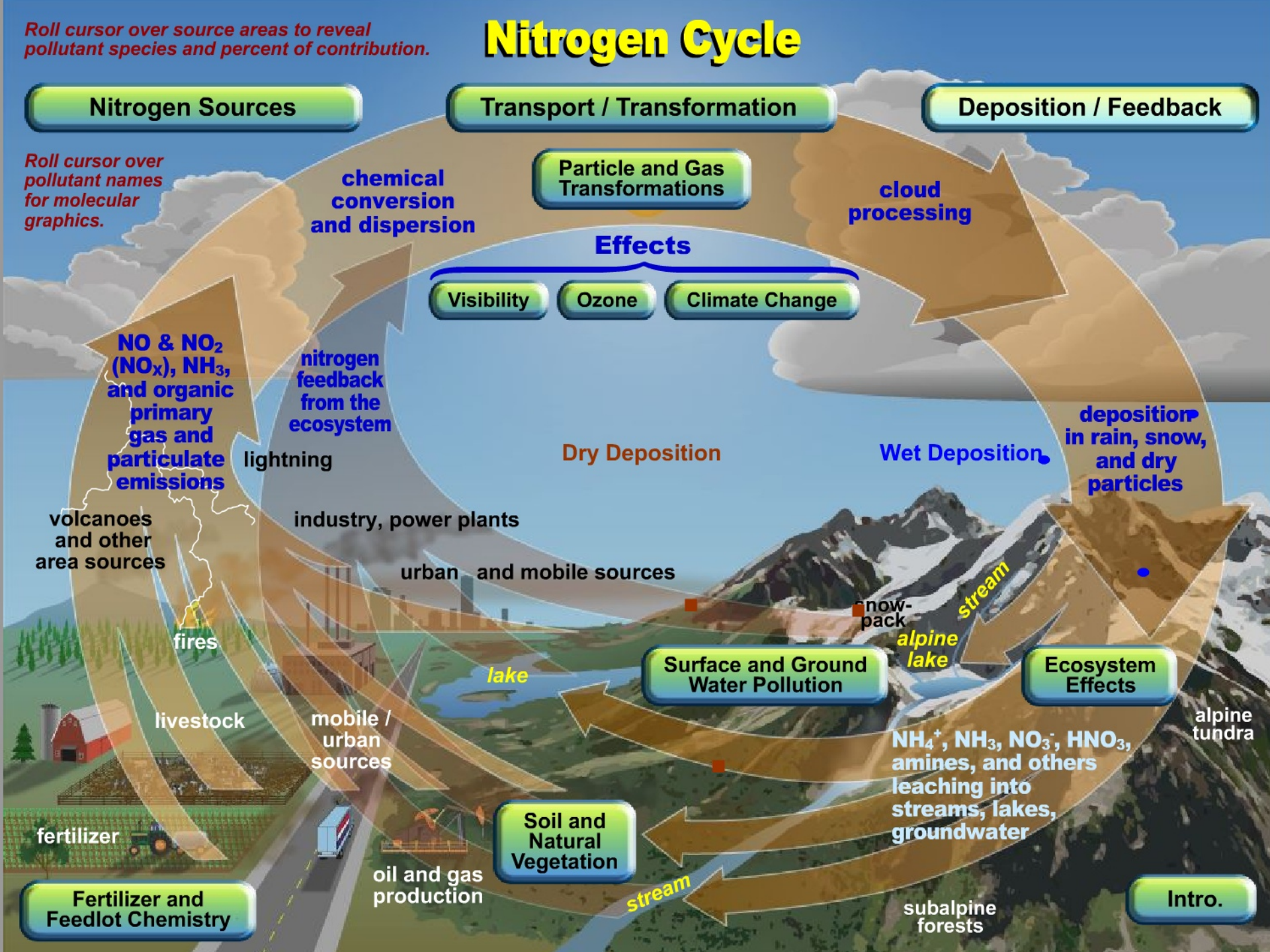

▲Sources
◆Transport / Transformation
▼Exposure Pathways
◆Photochemistry
◆Prevailing Winds
◆Chemical Transformations
▲Lightning
◆Cloud Processes
▼Atmospheric Deposition
▲Agriculture
▲Fire
▲Industry
▲Transportation
▼Dry Deposition
▼Particulate Matter
▼Wet Deposition
▼Ozone
▲Ocean
◆Watershed Transport


Roll cursor over source areas to reveal pollutant species and percent of contribution.
Nitrogen Cycle
Nitrogen Sources
Transport / Transformation
Deposition / Feedback
Roll cursor over pollutant names for molecular graphics.
chemical conversion and dispersion
Particle and Gas Transformations
cloud processing
Effects
Visibility
Ozone
Climate Change
NO & NO2 (NOX), NH3, and organic primary gas and particulate emissions
nitrogen feedback from the ecosystem
lightning
Dry Deposition
Wet Deposition
deposition in rain, snow, and dry particles
volcanoes and other area sources
industry, power plants
urban and mobile sources
fires
snow-pack
stream
alpine lake
lake
Surface and Ground Water Pollution
Ecosystem Effects
livestock
mobile / urban sources
alpine tundra
NH4+, NH3, NO3-, HNO3, amines, and others leaching into streams, lakes, groundwater
fertilizer
Soil and Natural Vegetation
oil and gas production
stream
subalpine forests
Fertilizer and Feedlot Chemistry
Intro.