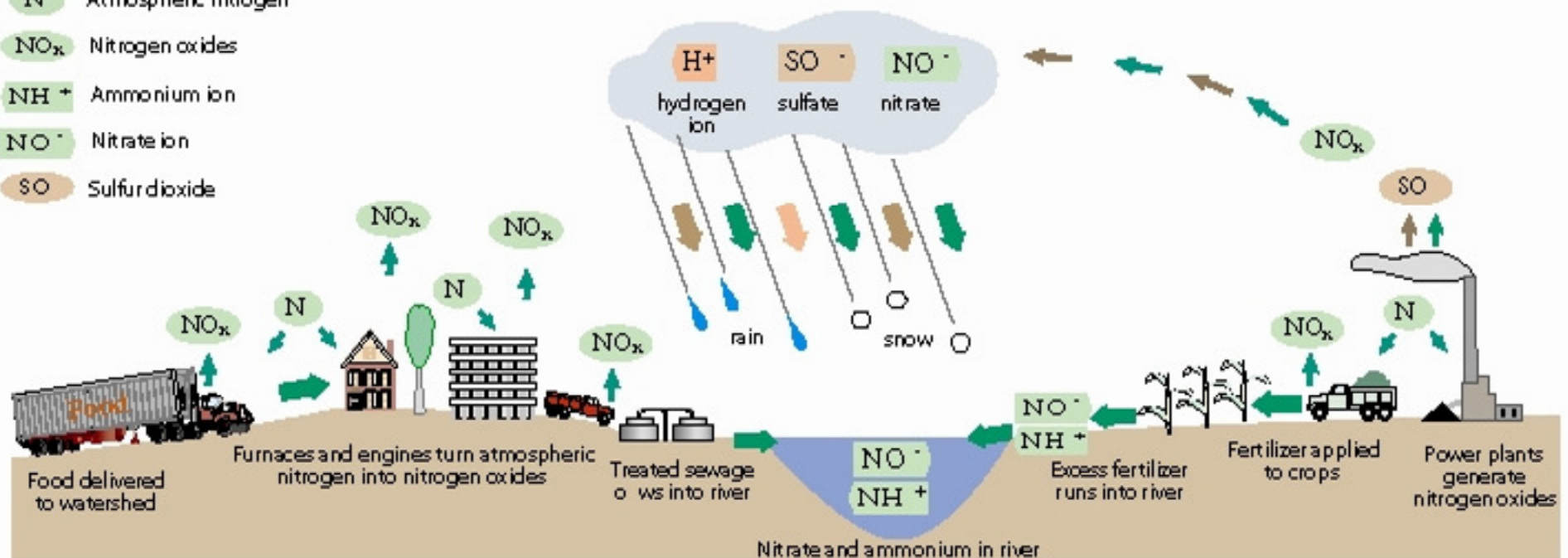


## NITROGEN CYCLING IN A DEVELOPED WATERSHED

- N Atmospheric nitrogen
- NO<sub>x</sub> Nitrogen oxides
- NH<sup>+</sup> Ammonium ion
- NO<sup>-</sup> Nitrate ion
- SO Sulfur dioxide



Developed watersheds import nitrogen in food and fertilizer. They also receive nitrogen from acid rain, which in turn gets its nitrogen from the nitrogen oxides produced by furnaces, boilers, and engines. About half the nitrogen a watershed receives is stored in the soils in trees or exported as crops.