

ORGANIC NITROGEN IN THE ATMOSPHERE

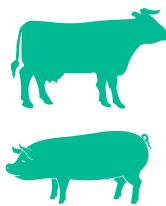
Organic nitrogen compounds enter our atmosphere from a variety of sources, both natural and industrial. What happens to these pollutants in the atmosphere is a question some chemists are trying to answer.



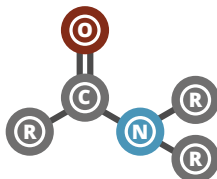
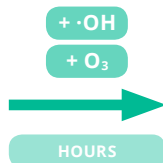
AMINES

R = various groups

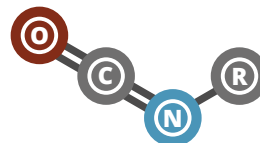
SOURCES



AMINES



AMIDES



ISOCYANATES



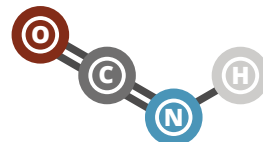
**AMMONIA &
CARBON DIOXIDE**



DROPLETS



DAYS/YEARS



ISOCYANIC ACID
Type of isocyanate

**WHY DOES IT
MATTER?**

Ammonia reacts with chemicals in air to form particulates which can have human health issues, contribute to smog, and impact climate. Nitrogen deposition in soils can also affect ecosystems.



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