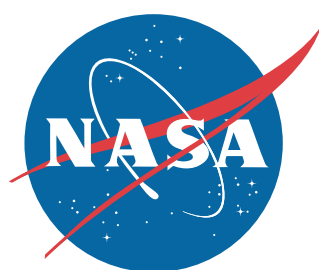
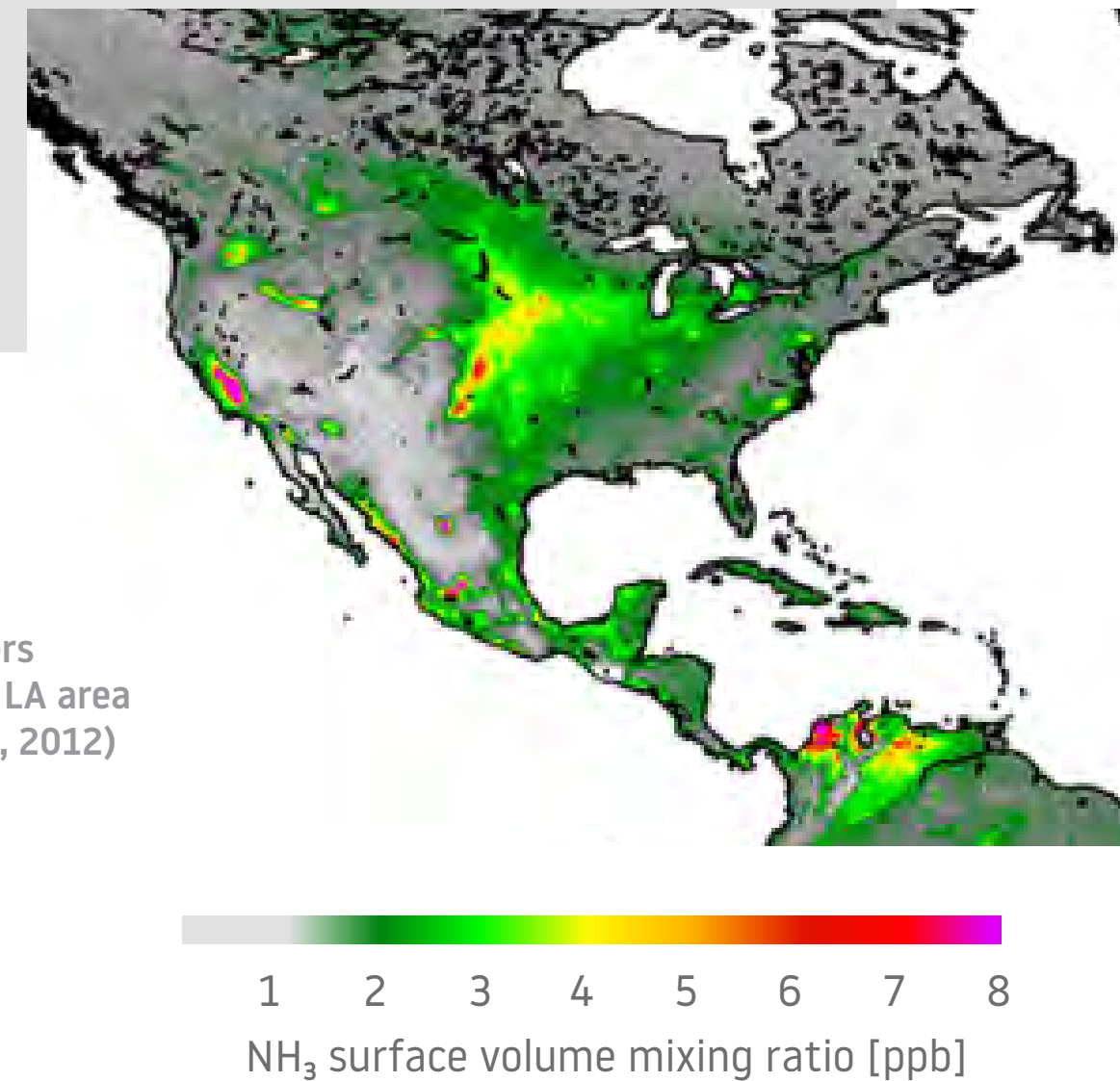
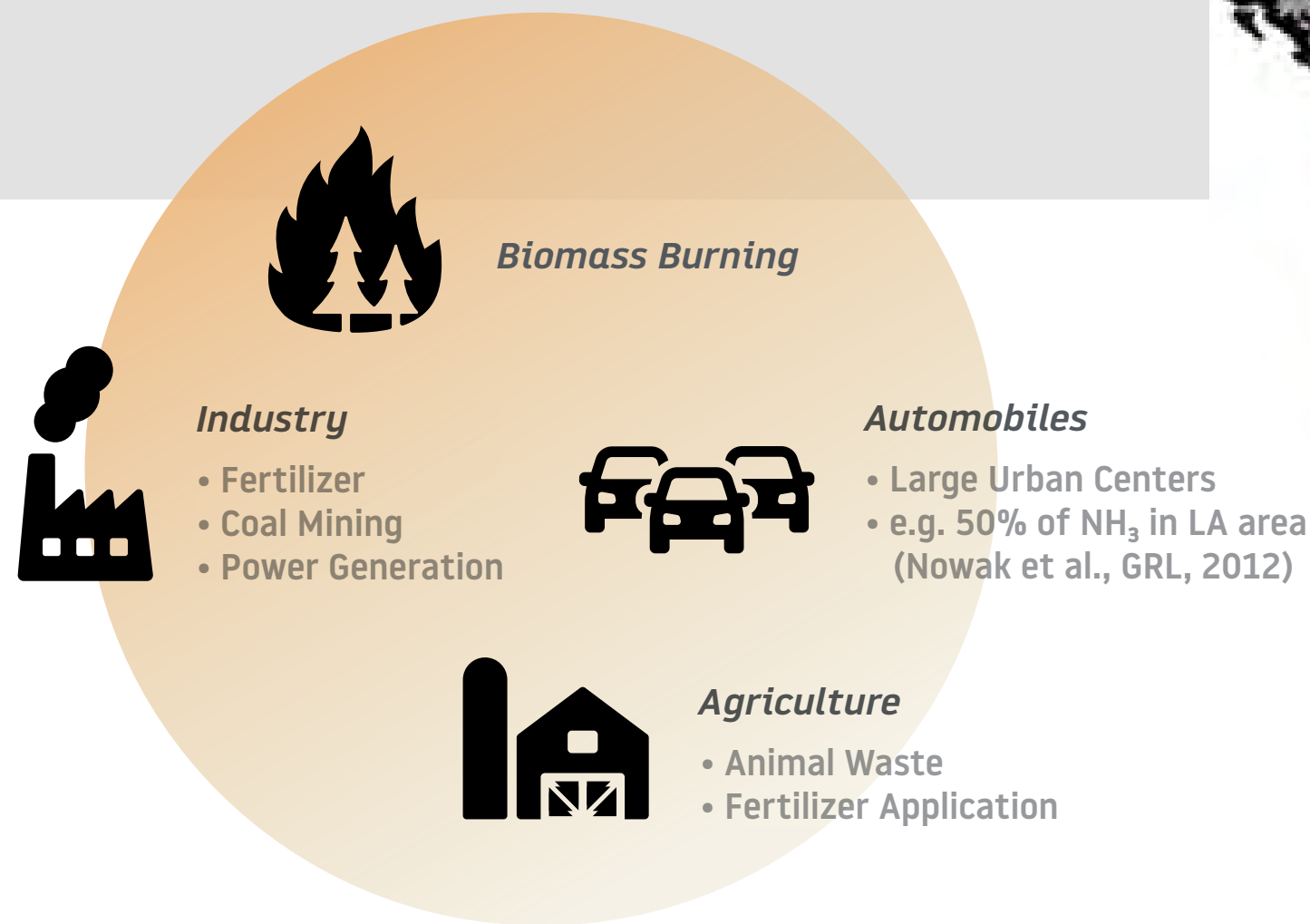




CLEARING SKIES AHEAD

NASA-supported satellites and sensors track the global distribution of ammonia to aid particulate mitigation strategies that protect population health and our environment.



**EARTH SCIENCE
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Ammonia is a trace gas precursor for particulate matter (PM). To protect our health and the beauty of our environment, PM is a regulated pollutant.

▶ Space-based measurements from the Cross-track Infrared Spectrometer (CrIS) can identify regions of large ammonia emissions linked to fertilizer use, livestock waste, warming soils and changes in atmospheric chemistry.

▶ These satellite datasets are used to improve emission estimates, helping air quality managers to determine the best strategies for improving PM_{2.5} air quality and visibility.