

Hypoxia, Aquatic Life



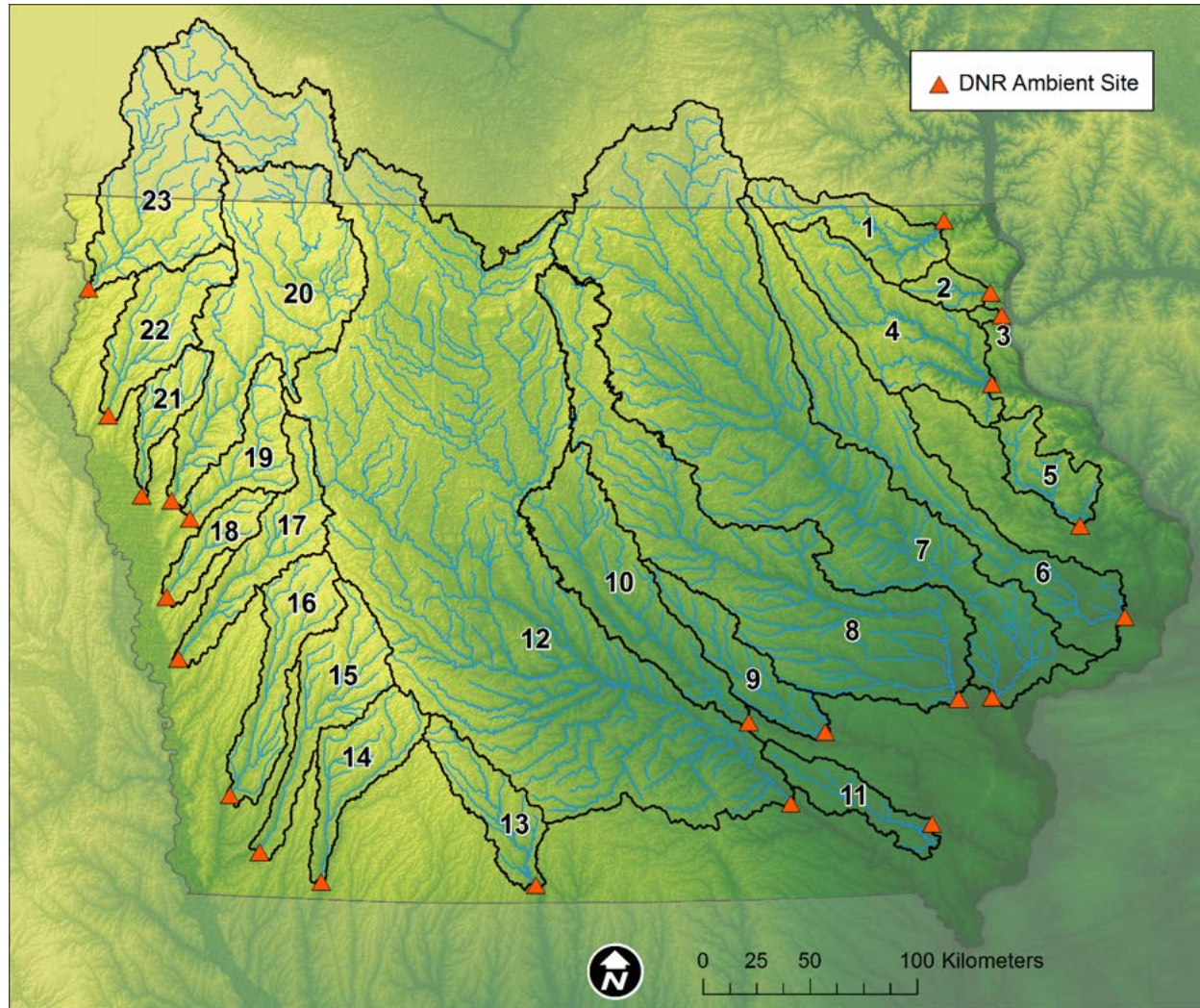
Drinking Water



Toledo, OH



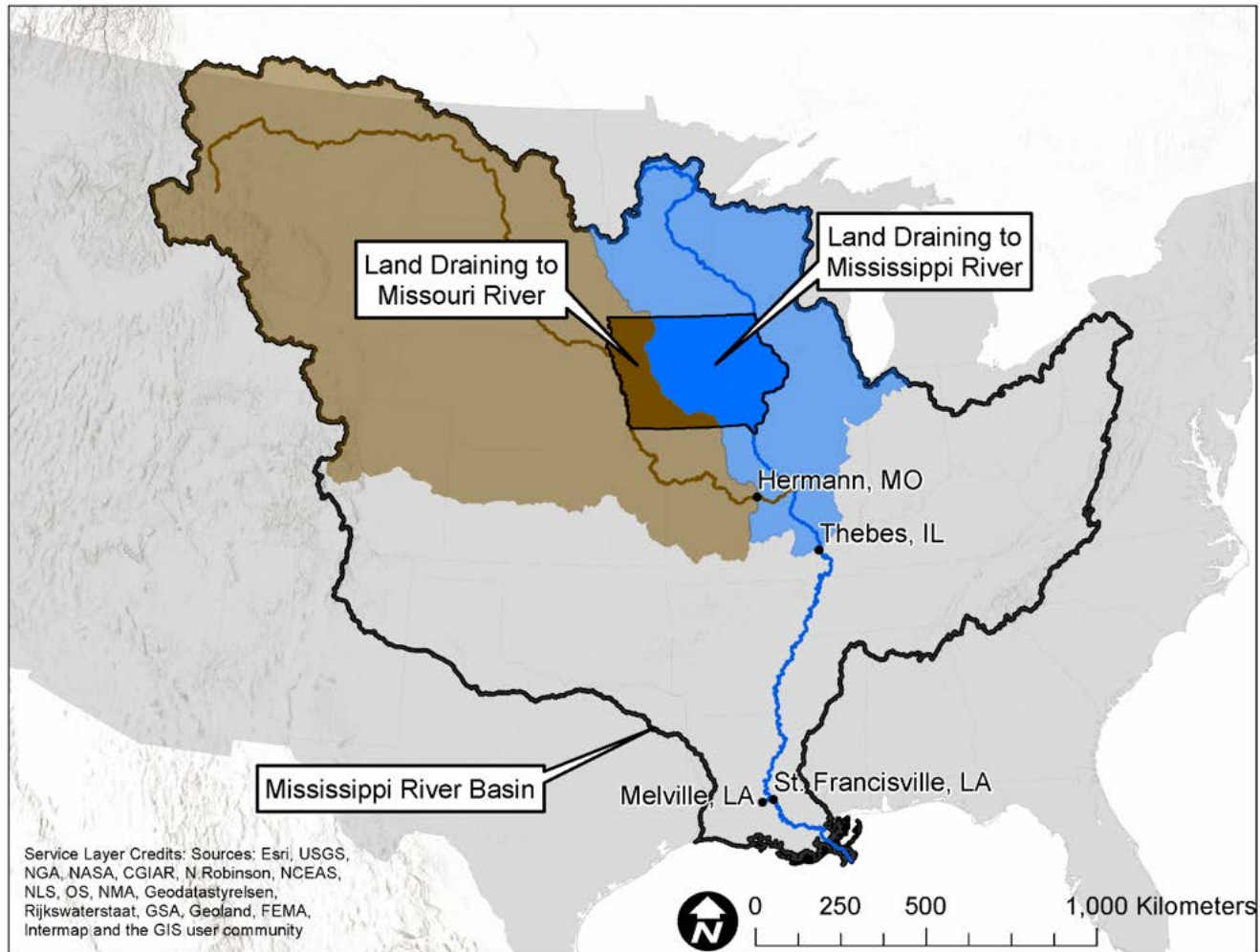
Des Moines, IA



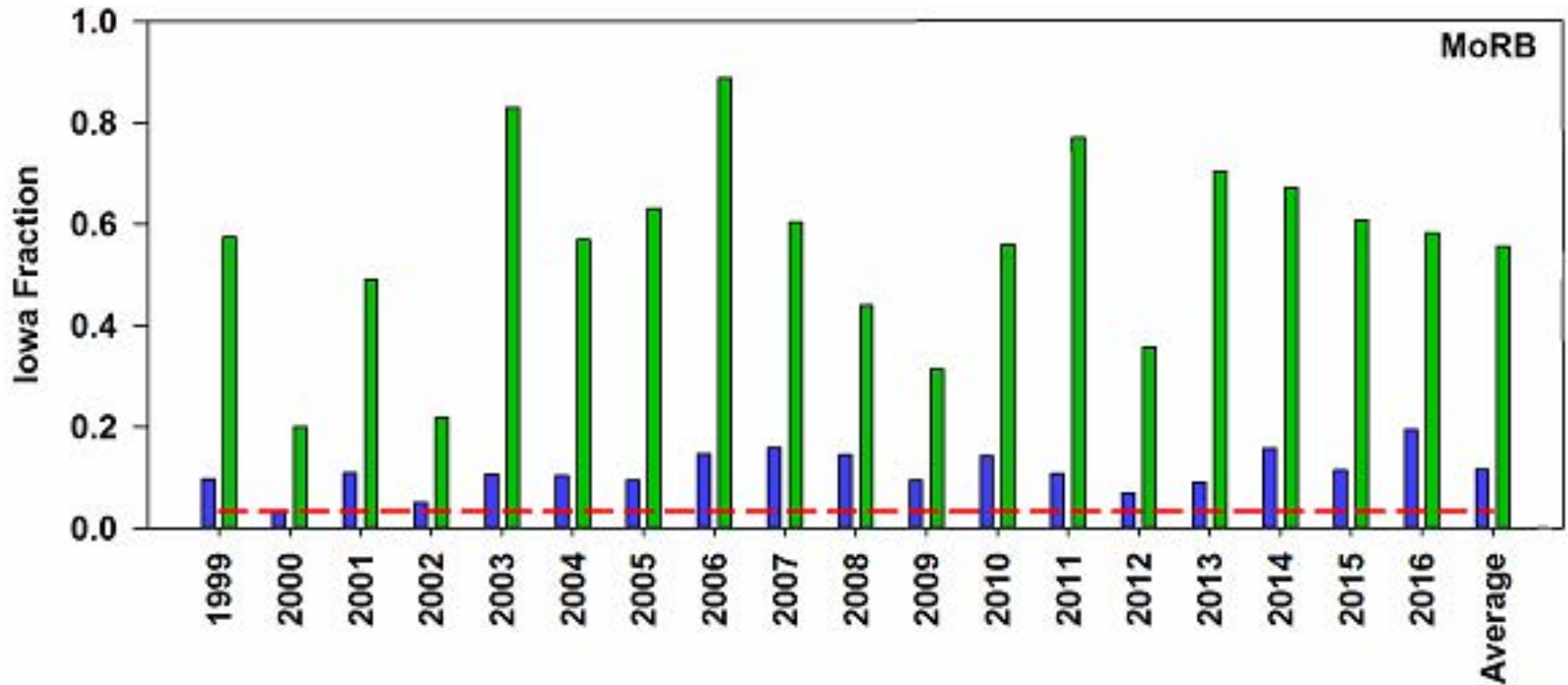
DNR Ambient Water Monitoring Data: 1999-2016

DNR IOWA DEPARTMENT OF
NATURAL RESOURCES



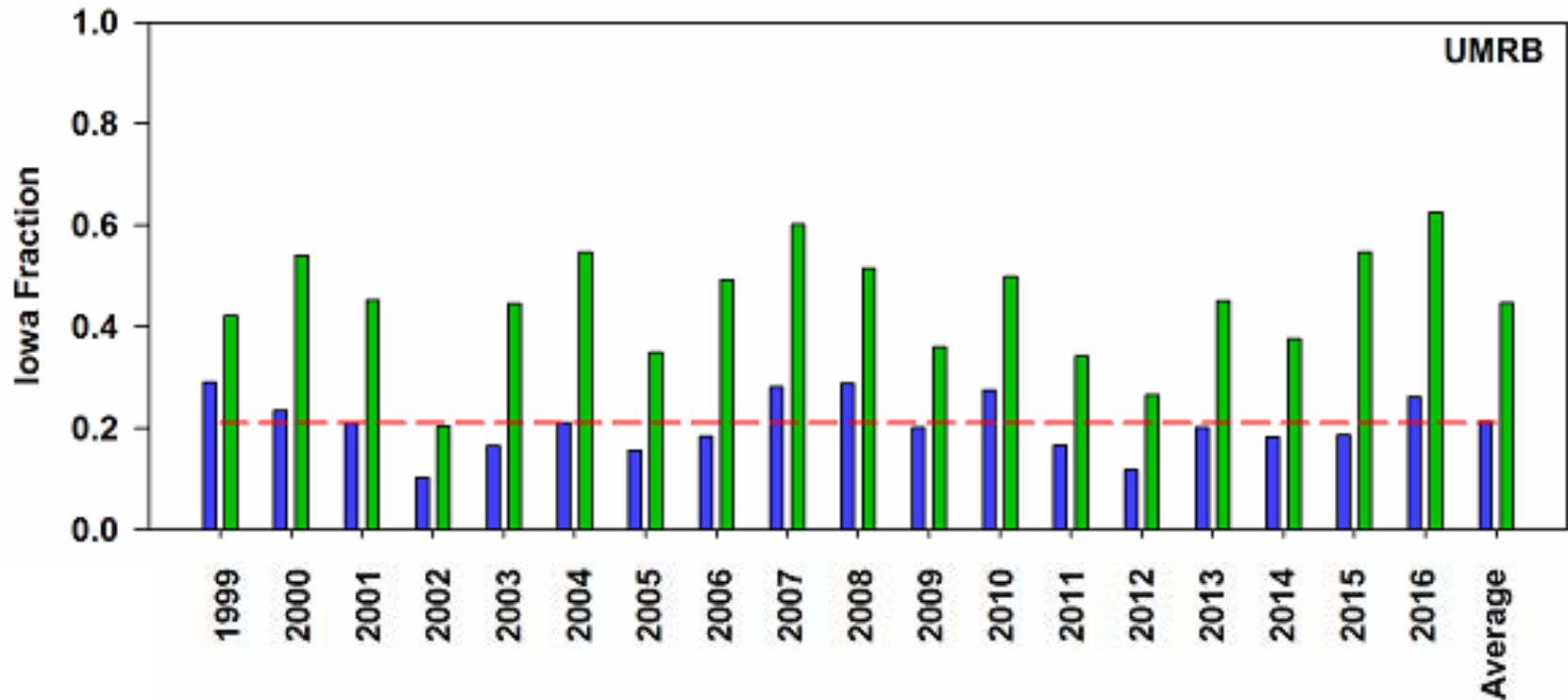


Missouri



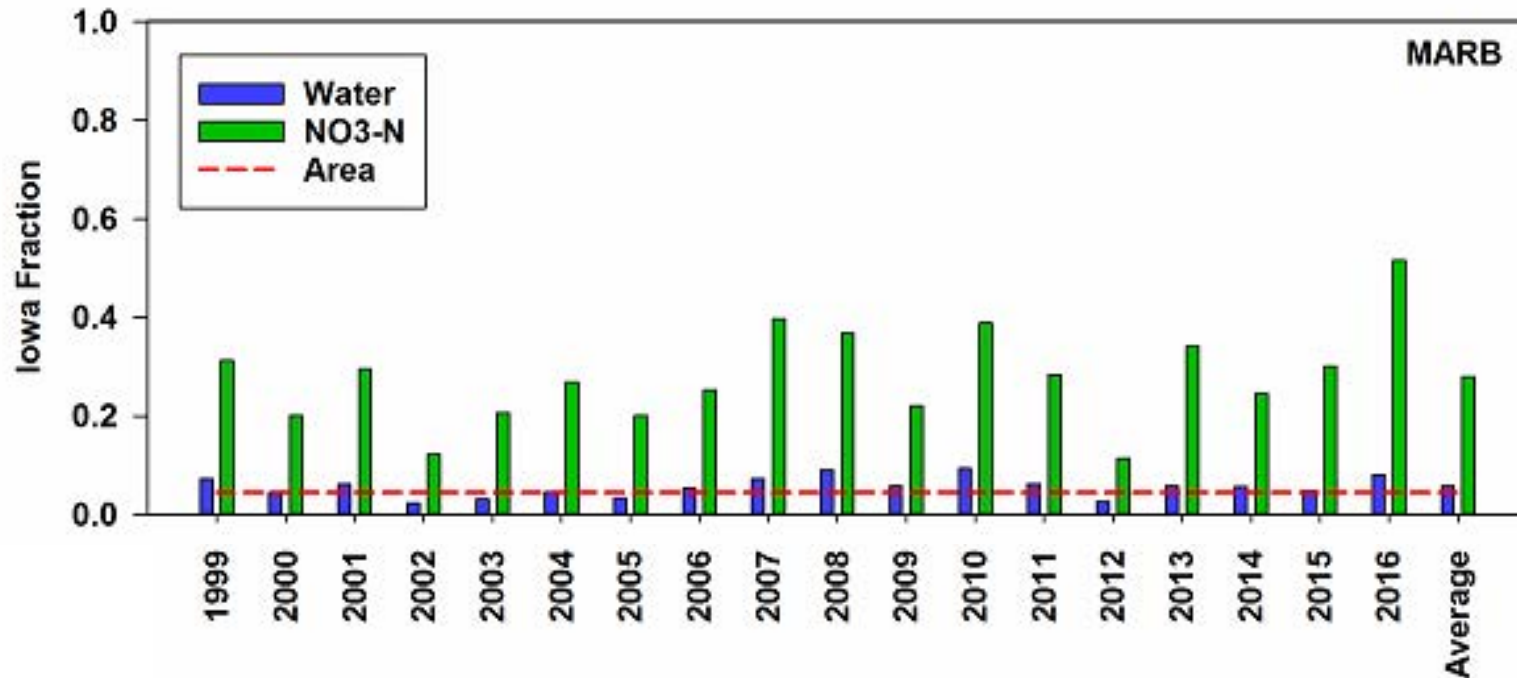
3.3% of the land
12% of the water
55% of the nitrate

Upper Mississippi

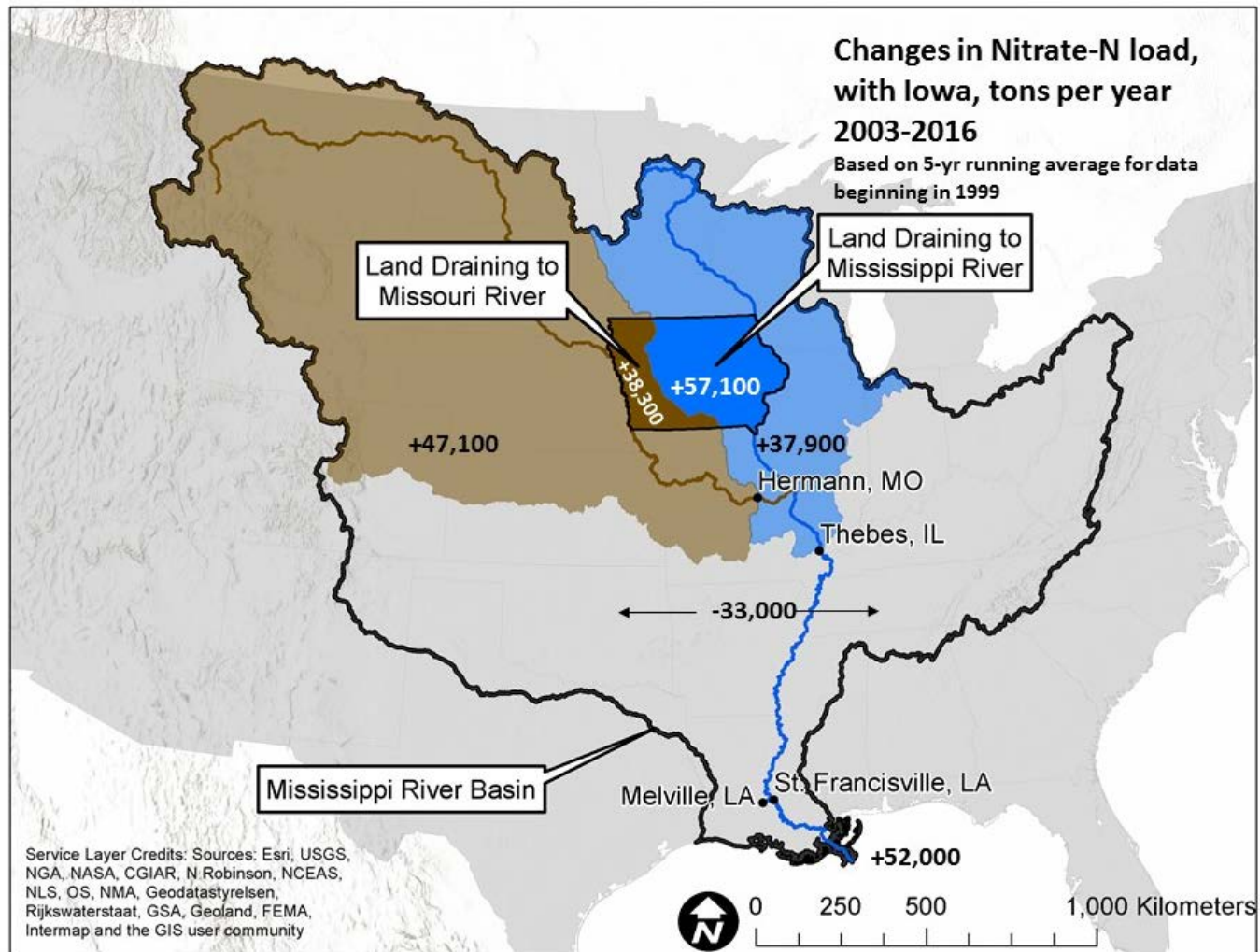


21% of the land
21% of the water
45% of the nitrate

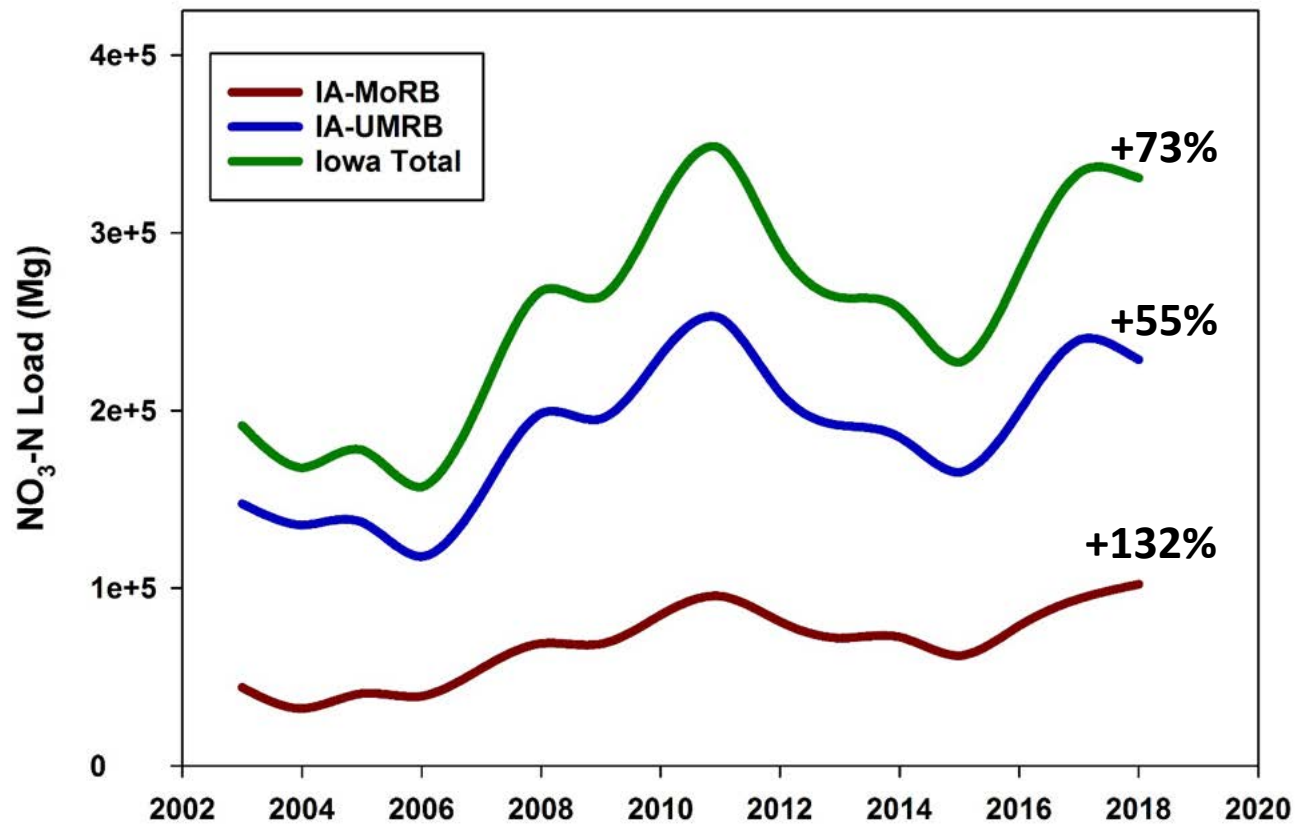
Mississippi-Atchafalaya-Gulf of Mexico



4.5% of the land
5.9% of the water
29% of the nitrate



5-Year Running Annual Average N Load





Publish

About

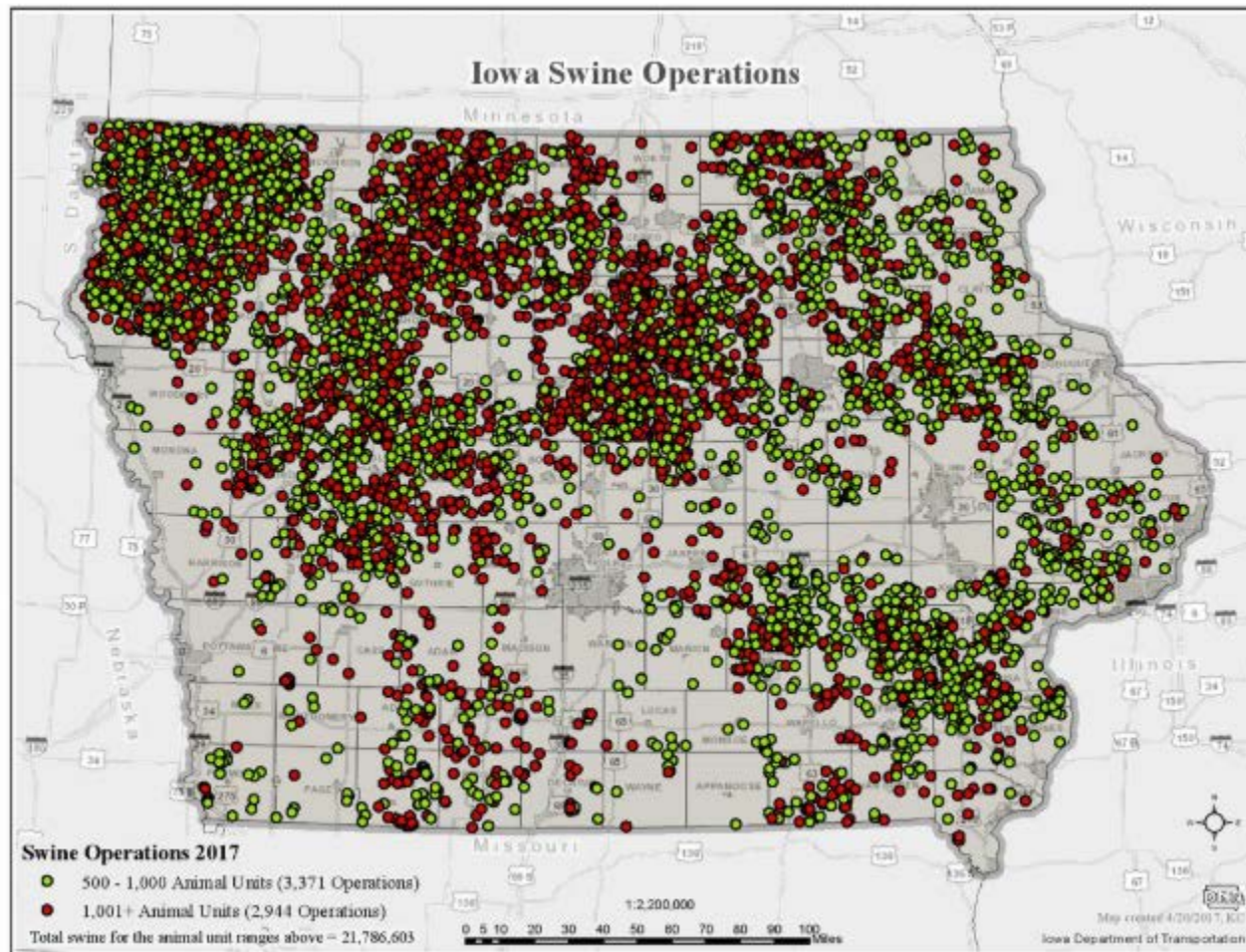
OPEN ACCESS PEER-REVIEWED

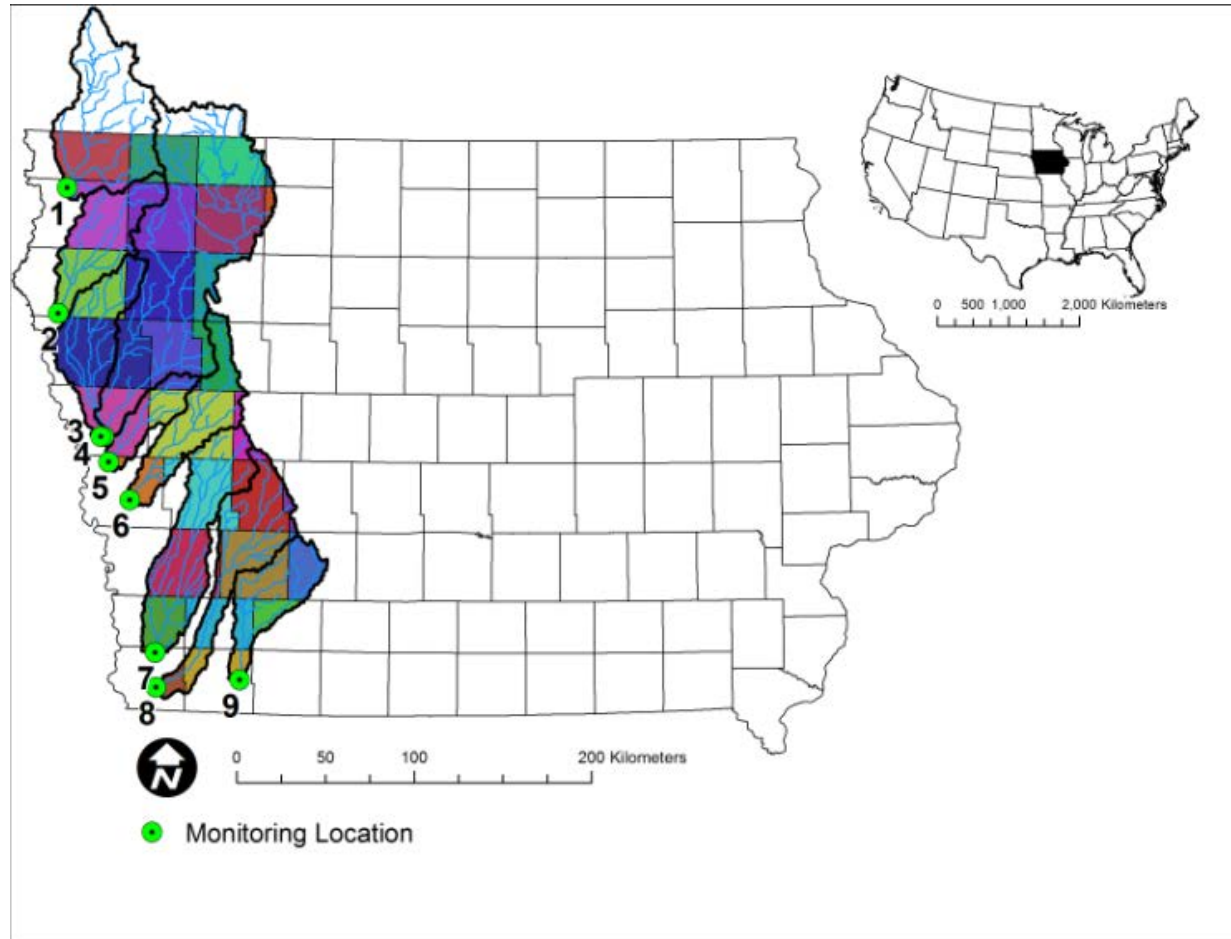
RESEARCH ARTICLE

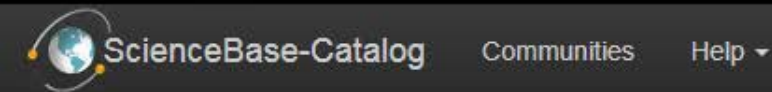
Iowa stream nitrate and the Gulf of Mexico

Christopher S. Jones , Jacob K. Nielsen , Keith E. Schilling , Larry J. Weber

Published: April 12, 2018 • <https://doi.org/10.1371/journal.pone.0195930>





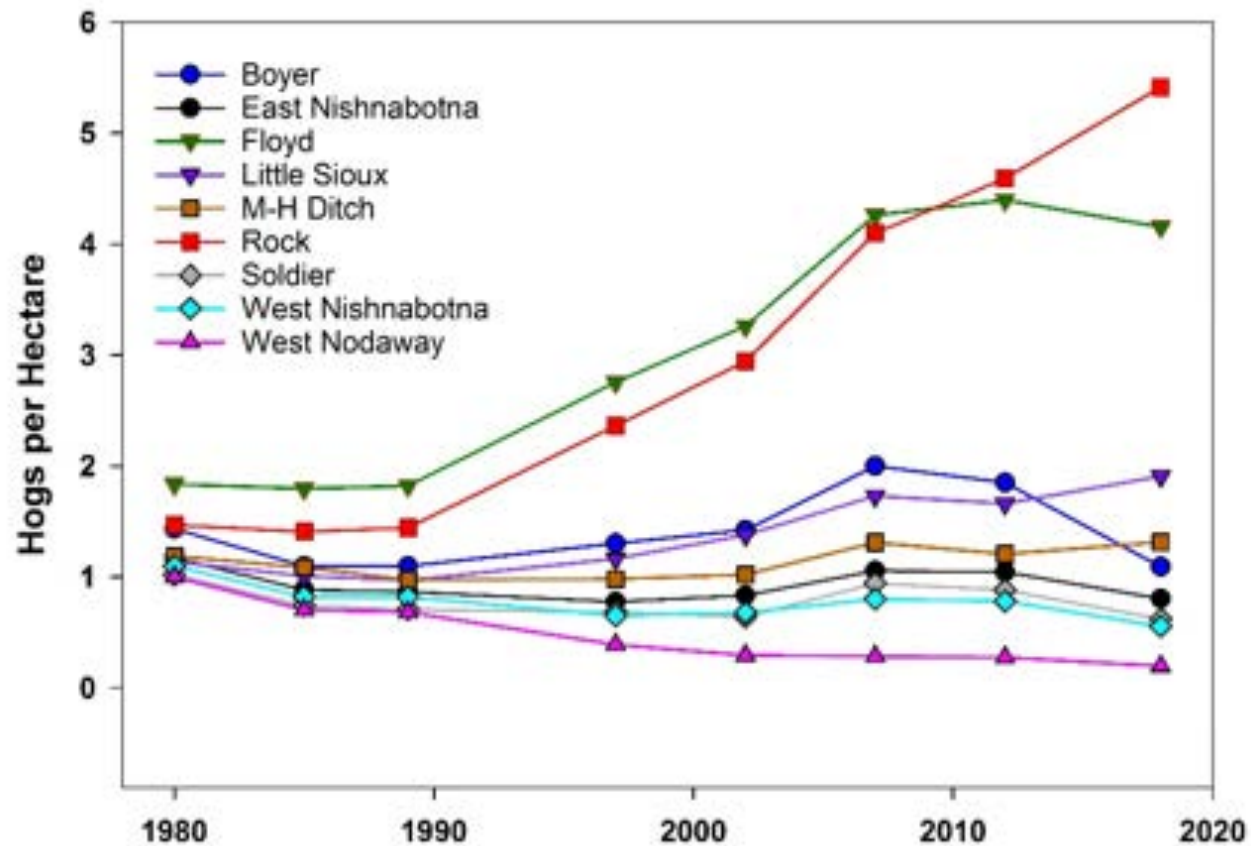


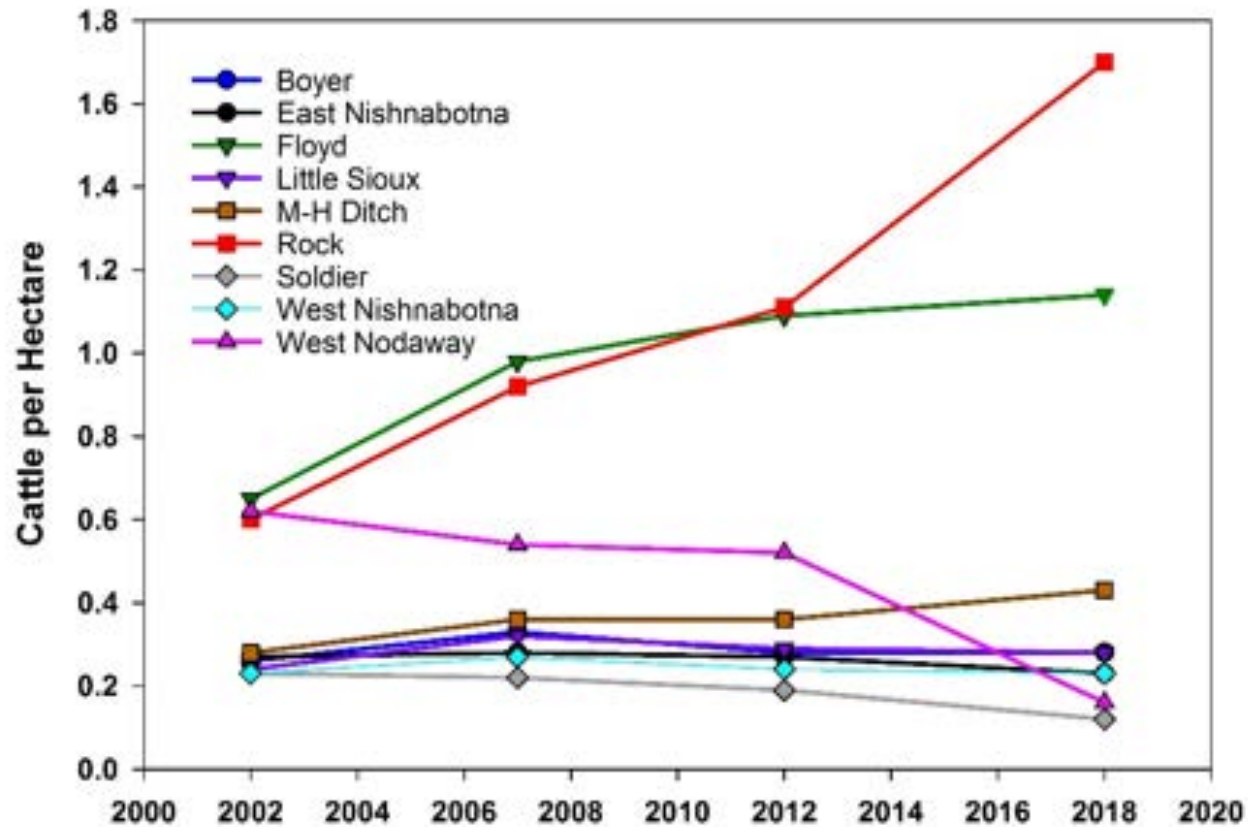
[ScienceBase Catalog](#) → [USGS Data Release Products](#) → [County-Level Estimates of N...](#)

County-Level Estimates of Nitrogen and Phosphorus from Commercial Fertilizer for the Conterminous United States, 1987-2012



County-Level Estimates of Nitrogen and Phosphorus from Animal Manure for the Conterminous United States, 2007 and 2012





Stream Nitrate

