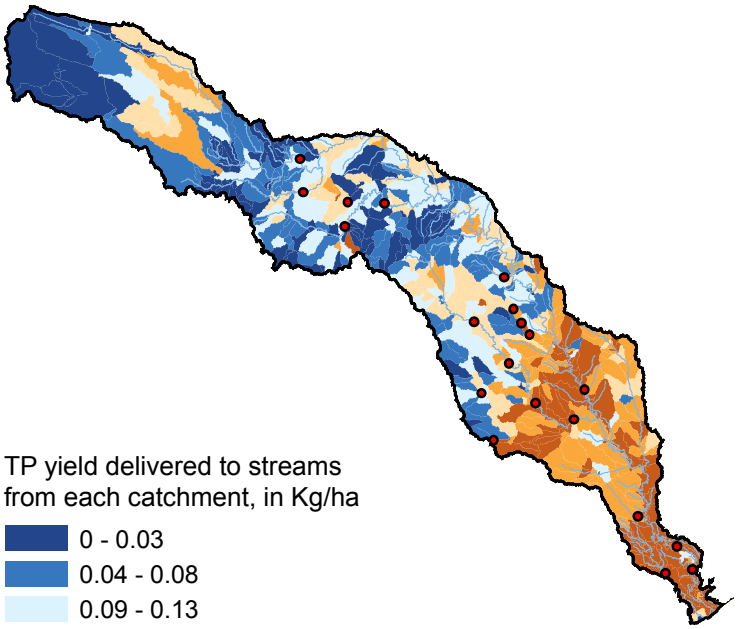
SPARROW Model Estimates of Phosphorus Delivered to Streams in the Brazos and San Bernard River Basin, and to Brazos River Estuary

Which areas contribute the largest amounts of total phosphorus annually:

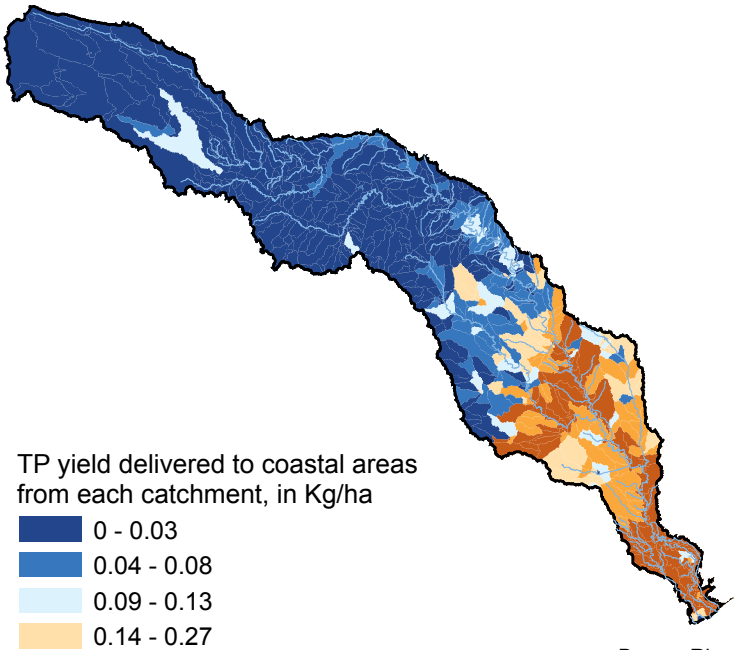
to local streams?



TP yield delivered to streams from each catchment, in Kg/ha

- 0 - 0.03
- 0.04 - 0.08
- 0.09 - 0.13
- 0.14 - 0.27
- 0.28 - 0.65
- 0.66+
- Location of monitoring site with phosphorus load estimate, 2002

to coastal areas?

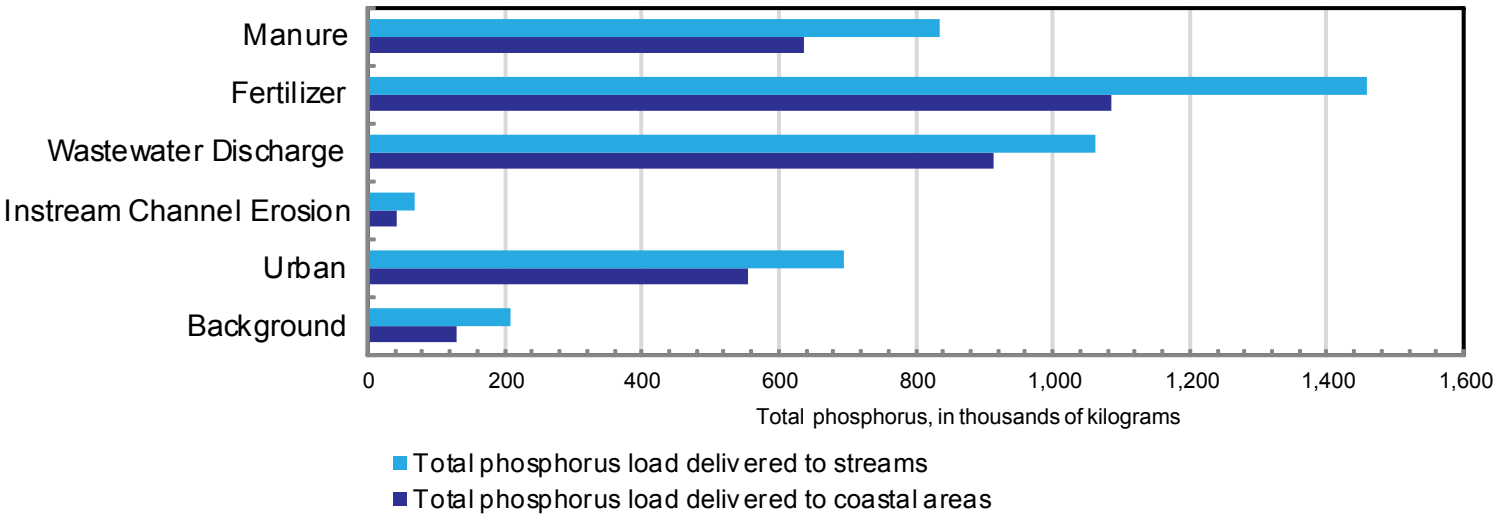


TP yield delivered to coastal areas from each catchment, in Kg/ha

- 0 - 0.03
- 0.04 - 0.08
- 0.09 - 0.13
- 0.14 - 0.27
- 0.28 - 0.65
- 0.66+

Brazos River Estuary

What sources contribute the largest amounts of total phosphorus annually to streams and coastal areas?



Rebich, R. A., Houston, N. A., Mize, S. V., Pearson, D. K., Ging, P. B. and Hornig, C. E. (2011), Sources and Delivery of Nutrients to the Northwestern Gulf of Mexico from Streams in the South-Central United States. Journal of the American Water Resources Association, 47: 1061–1086. doi: 10.1111/j.1752-1688.2011.00583.x