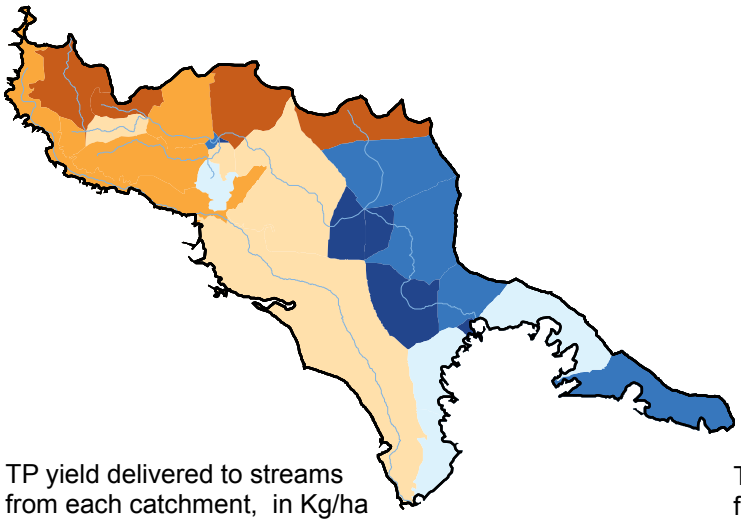
SPARROW Model Estimates of Phosphorus Delivered to Streams in the Bayou Des Allemands and Bayou LaFourche River Basins and to Barataria Bay

Which areas contribute the largest amounts of total phosphorus annually:

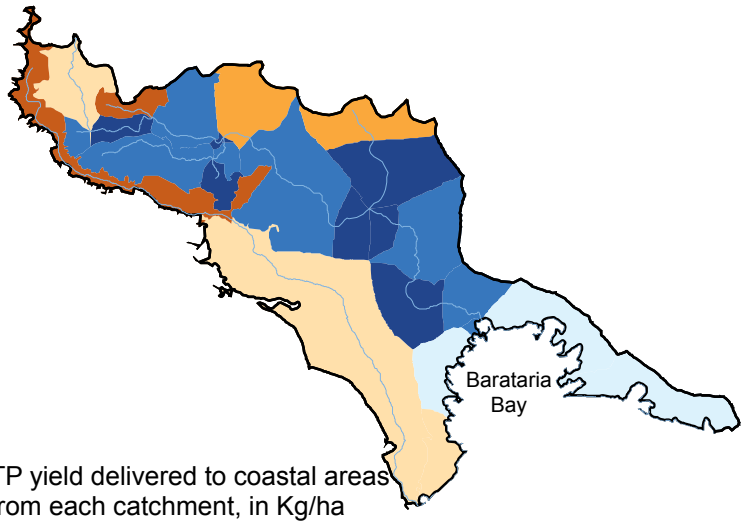
to local streams?



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

- 0 - 0.02
- 0.03 - 0.13
- 0.14 - 0.17
- 0.18 - 0.59
- 0.60 - 3.15
- 3.16+

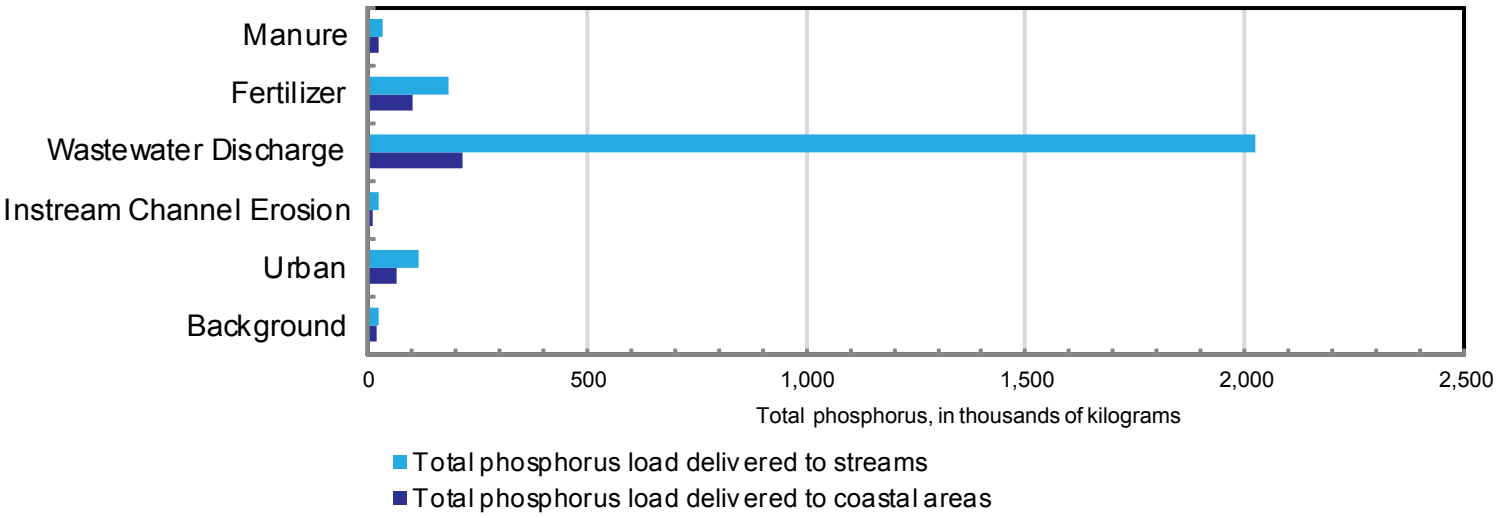
to coastal areas?



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

- 0 - 0.02
- 0.03 - 0.13
- 0.14 - 0.17
- 0.18 - 0.59
- 0.60 - 3.15
- 3.16 +

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