

Publications on Lavaca Bay (reverse chronological order)
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1. Montagna, P.A., X. Hu, T.A. Palmer, and M. Wetz. 2018. Effect of hydrological variability on the biogeochemistry of estuaries across a regional climatic gradient. *Limnology and Oceanography* 63:2465-2478.
2. Wetz, M.S., E.K. Cira, B. Sterba-Boatwright, P.A. Montagna, T.A. Palmer, and K.C. Hayes. 2017. Exceptionally high organic nitrogen concentrations in a semi-arid South Texas estuary susceptible to brown tide blooms. *Estuarine, Coastal and Shelf Science* 188: 27-37.
3. Van Diggelen, A.D. and P.A. Montagna. 2016. Is salinity variability a benthic disturbance in estuaries? *Estuaries and Coasts* 39:967-980.
4. Paudel, B., P.A. Montagna and L. Adams. 2015. Variations in the release of silicate and orthophosphate along a salinity gradient: Do sediment composition and physical forcing have roles? *Estuarine, Coastal and Shelf Science* 157: 42-50.
5. Hu, X., J. Beseres-Pollack, M.R. McCutcheon, P.A. Montagna, and Z. Ouyang. 2015. Long-term alkalinity decrease and acidification of estuaries in Northwestern Gulf of Mexico. *Environmental Science & Technology* 49: 3401-3409.
6. Palmer, T.A. and P.A. Montagna. 2015. Impacts of droughts and low flows on estuarine water quality and benthic fauna. *Hydrobiologia* 753:111–129.
7. Hu, X., J. Beseres-Pollack, M.R. McCutcheon, P.A. Montagna, and Z. Ouyang. 2015. Long-term alkalinity decrease and acidification of estuaries in Northwestern Gulf of Mexico. *Environmental Science & Technology* 49: 3401-3409.
8. Kim, H.-C., S. Son, P. Montagna, B. Spiering, and J. Nam. 2014. Linkage between freshwater inflow and primary productivity in Texas estuaries: downscaling effects of climate variability. *Journal of Coastal Research*, Special Issue No. 68: 65-73.
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10. Kim, H.-C. and P.A. Montagna. 2012. Effects of climate-driven freshwater inflow variability on macrobenthic secondary production in Texas lagoonal estuaries: A modeling study. *Ecological Modelling* 235– 236: 67– 80.
11. Montagna, P.A., J. Brenner, J. Gibeaut, and S. Morehead. 2011. Coastal Impacts. In: Schmandt, J., G.R. North, and J. Clarkson (eds.), *The Impact of Global Warming on Texas, second edition*. University of Texas Press, Austin, Texas, pp. 96-123.
12. Montagna, P., G. Ward and B. Vaughan. 2011. The importance and problem of freshwater inflows to Texas estuaries. In: *Water Policy in Texas: Responding to the Rise of Scarcity*, R.C. Griffin (ed.), The RFF Press, Washington, D.C. pp. 107-127.
13. Pollack, J.B., T.A. Palmer, and P.A. Montagna. 2011. Long-term trends in the response of benthic macrofauna to climate variability in the Lavaca-Colorado Estuary, Texas. *Marine Ecology Progress Series* 436: 67–80.
14. Palmer, T.A., P.A. Montagna, J.B. Pollack, R.D. Kalke and H.R. DeYoe. 2011. The role of freshwater inflow in lagoons, rivers, and bays. *Hydrobiologia* 667: 49-67.
15. Montagna, P.A. and J. Li. 2010. Effect of Freshwater Inflow on Nutrient Loading and Macrobenthos Secondary Production in Texas Lagoons. In: *Coastal Lagoons: Critical Habitats of Environmental Change*, M. J. Kennish and H. W. Paerl (eds.), CRC Press, Taylor & Francis Group, Boca Raton, FL, pp. 513-539.

16. Kim, H.-C. and P.A. Montagna. 2009. Implications of Colorado River freshwater inflow to benthic ecosystem dynamics: a modeling study. *Estuarine, Coastal and Shelf Science* 83:491-504.
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18. Shank, G.C., K. Nelson, and P.A. Montagna. 2009. Importance of CDOM distribution and photoreactivity in a shallow Texas estuary. *Estuaries and Coasts* 32:661-677.
19. Montagna, P.A., T.A. Palmer, R.D. Kalke, and A. Gossmann. 2008. Suitability of using a limited number of sampling stations to represent benthic habitats in Lavaca-Colorado Estuary, Texas. *Environmental Bioindicators* 3: 156 – 171.
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21. Russell, M.J. and P.A. Montagna. 2007. Spatial and temporal variability and drivers of net ecosystem metabolism in Western Gulf of Mexico Estuaries. *Estuaries and Coasts* 30: 137-153.
22. Russell, M.J, P.A. Montagna, and R.D. Kalke. 2006. The effect of freshwater inflow on net ecosystem metabolism in Lavaca Bay, Texas. *Estuarine, Coastal and Shelf Science* 68:231-244.
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