

For  
Adults

March 15  
2018  
6pm-7pm

*Texas stream  
ecosystems,  
post Harvey;  
with a look  
toward climate  
change effects*

# Eco-Expert



## **Dr. Derek Hogan** – Assistant Professor, Texas A&M University-Corpus Christi

How does climate affect aquatic community responses to disturbance? As ecosystems change in response to climate change, will the resident biotic communities and associated ecosystem processes become more or less resilient? These questions are both theoretically important, and of great relevance to forecasting the impacts of climate change on streams in the Texas Coastal Bend. Hurricane Harvey hit the Coastal Bend with damaging winds and tremendous rainfall. The affected area spans a climate gradient from arid (Kingsville) to humid (Victoria). We are tracking the response of stream biology (microbial, invertebrate, fishes) to the storm and determining how the climate across this region affects the response of the stream communities. Will arid stream communities be more resistant to the disturbance and will humid streams have a strong rebound after the storm? How will stream communities respond to future hurricane events?

- Class size limited to 24 participants.
  - This program is FREE of charge and open to individuals and families.
  - Walk-ins are welcome on a first come first served basis.
  - This program is for individuals and families with children ages 12 and older.
  - To reserve a space, please register at <http://register.ccparkandrec.com>.
- For more information, contact Caleb Harris at (361) 826-3947 or [calebh@cctexas.com](mailto:calebh@cctexas.com).

Meet at the Oso Bay Wetlands Preserve & Learning Center located at  
**2446 N. Oso Parkway, Corpus Christi, TX 78414**



OsoBayWetlandsPreserveAndLearningCenter



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PARKS &  
RECREATION**

[osopreserve.com](http://osopreserve.com)

The City of Corpus Christi promotes participation regardless of race, color, national origin, sex, age, religion, disability or political belief. Reasonable accommodations are provided upon request and in accordance with the Americans with Disabilities Act. For assistance or to request a reasonable accommodation, please call 361-826-3460 at least 48 hours in advance. Upon request, this information can be available in large print or digital file.