

## Pervasive plastics: A new challenge for crabs and our sandy beach ecosystems

Tuesday, January 24<sup>th</sup>, Cabrillo auditorium 6:00 pm



### **Dorothy Horn**

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### **About Dorothy:**

I love research and sharing what I learn to effect change for a better environment. My interests are trophic level changes in the marine environment caused by anthropogenic pollution.

Recently, I explored the effects of micro plastics in Sand Crabs (*Emerita analoga*) along the California coastline. I have discovered that Sand crabs ingest microfibers and micro plastics and are an effective entrance of these pollutants into the food web. I am continuing my research this summer to find the possible interference in reproduction and predator avoidance by the ingestion of microplastics in sand crabs.



**I will be presenting my findings at the Cabrillo National Monument lecture series January 24th, 2017.**

Please see Dorothy's website at: <http://dorothyhorn.org/>