



WATERSHED WONDERS

Invite real science into your classroom. The Algalita Marine Research Foundation is a leading contributor to the scientific understanding of the effect of plastic pollution on the marine environment. Recently, AMRF discovered an astounding six times more plastic debris than zooplankton in the middle of the Pacific Ocean. Now, with the help of science educator, Marcus Eriksen, Ph.D., our research can be in the hands of your students.

What does my school get for \$450?

- **Curriculum and DVD** titled "Watershed Wonders: The Path of Water Through the Watershed". These pre-visit materials will arrive before we do.
- **Two 40-minute assembly program** about watershed conservation and plastic debris for up to 200 students.
- **FLUKE**, Dr. Eriksen's raft, will come to your school.
- **30-minute activity** for one classroom to analyze a real sample of plastic debris and zooplankton trawled from the North Pacific Ocean Gyre. Students will sort the sample into categories and then discuss with Dr. Eriksen the results of their analysis.

What will Dr. Eriksen talk about?

- **The Journey of FLUKE down the California Coast.** 250 miles in five weeks from Santa Barbara to San Diego gave Dr. Eriksen an opportunity to see what leaves our coastal watersheds. He will share his experience with students.
- **The North Pacific Gyre** is where plastic debris accumulates on the ocean surface. How does plastic debris affect wildlife in the marine environment? See what the 2005 Gyre Expedition found.
- **Hurricane Katrina** devastated Dr. Eriksen's hometown of New Orleans. An estimated 22 millions tons of debris was created by a 6-hour hurricane, marking a significant contribution of plastic debris to the marine environment.
What can be done to create sustainable change? The individual citizen can change personal habits and support community efforts to conserve our watersheds. Dr. Eriksen will share with students a few things they can do.

What grade level is this program for?

Watershed Wonders is for grades K-12. The vocabulary and subject depth change with grade level. (1st – 2a,b), (2nd – 3e), (3rd – 3a,b,c,d), (4th 2b,3a,b) and (5th – 3d,e). The 6th – 12th grade program covers standards (6th – 5b,c,d,6b,c) (9-12 – 6a,b,c,d,e).

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