



ALGALITA

Marine Research and Education

INSPIRING SOLUTIONS TO PLASTIC POLLUTION

148 NORTH MARINA DRIVE
LONG BEACH, CA 90803

Ph: 562.598.4889
www.algalita.org

Captain Charles Moore
Founder and Research
Director

Katie Allen
Executive Director
katie@algalita.org

Captain Moore and our team of researchers have gone on 11 sea expeditions in five oceans. The data from these voyages continues to shape Algalita's research and educational programs, as well as the scientific community, corporate decision-makers and government agencies around the world.

Leading the world to a plastic-pollution free future

Algalita is a nonprofit organization founded in California in 1994 by Captain Charles Moore. Algalita has been the leading research organization in plastic pollution since 1999.

Initially named Algalita Marine Research Institute, the organization's first mission was to restore the disappearing kelp forests and improve water quality along the California coast by nurturing wetlands in the region. Three years after Algalita was founded, Captain Moore made a startling discovery at sea. The first to expose the severity of plastic in our ocean, Moore discovered the swirling soup of plastic pollution in the Pacific – known by many as the Great Pacific Garbage Patch. From that point on, we at Algalita pioneered the scientific study of plastic pollution in the marine environment. We sought to understand the enormity of the problem and share our findings with the public.

As leaders in the movement to end plastic pollution, we equip local and global influencers with the knowledge and resources needed to ignite true change in behavior, habits, policy and beyond.

- 1) **Research** - to collect and provide objective information that is used by scientists, educators and policy makers worldwide;
- 2) **Science-based Education** - to use environmental education to provoke action by bridging real-world science with real-time solutions;
- 3) **Community Building** - to help communities build healthy habits by designing and coordinating campaigns that address the challenges of today's throw-away culture;
- 4) **Changing the System** - to drive change on a national, system-wide scale by forming alliances with partner organizations, policy-makers and industry.



ALGALITA

Marine Research and Education

INSPIRING SOLUTIONS TO PLASTIC POLLUTION

148 NORTH MARINA DRIVE
LONG BEACH, CA 90803

Ph: 562.598.4889
www.algalita.org

Captain Charles Moore
Founder and Research Director

Katie Allen
Executive Director
katie@algalita.org



Ship-2-Shore | Warren | 2015

Leading the world to a plastic-pollution free future

The Algalita Team is comprised of eight staff members & eight members on the Board of Directors

Organizations, Partners, & Associations

36 Supporting Organizations
22 Partner Organizations
7 Product Partners

2015 Operating Revenue \$407,022

- Individual 14%
- Foundations 60%
- Corporations 9%
- Memberships 1%
- Special Events 2%
- In-Kind Contributions 12%
- Other 2%

2015 Operating Expenses \$485,157

- Programs 75%
- Management 18%
- Fundraising 7%

Education Projects

60 Youth Projects & Solutions since 2010, with 9 in 2016

Six Youth & Education Projects

- POPS International Youth Summit
- Debris Science Investigation Kit
- Teacher Workshops
- Green Ribbon School Support
- Ship-2-Shore Field Research & Classroom Blog
- 5 STEM Workshops
 - Student-Lead Research
 - Biology, Chemistry, Life Science
 - Earth Science, Oceanography, Geology
 - Technology & Engineering
 - Math & Computer Science

Projects & Publications

21 Papers & Publications since 2001
8 Collaboration Projects

ALGALITA MARINE RESEARCH & EDUCATION
148 NORTH MARINA DRIVE
LONG BEACH, CA 90803
(562) 598-4889 | www.algalita.org



PRESS RELEASE

Contact: Katie Allen | katie@algalita.org | (562) 598-4889

LOCAL TEAM OF RESEARCHERS RETURN HOME FROM EXPEDITION TO THE SOUTH PACIFIC

Captain Charles Moore and his team of researchers have arrived home to Long Beach, California from a six-month expedition through Mexican, Central American and South American waters conducting Lantern Fish studies and collecting plastic pollution samples.

Their findings have provided a framework to work with a network of scientists and change-makers in Long Beach and worldwide to continue research and work to end plastic pollution.

"This Expedition, and our solid baseline work in Chile over the past three years, has continued to expand world awareness of our struggle to bring the plastic pollution era to an end," said Moore. "This has been my life's passion and work over the past twenty five years and I see it beginning to pay off, most recently in this wonderful country."

Captain Moore and his team found that garbage in the Pacific Ocean accumulates in patchy areas with up to 400 miles of clean ocean in between. These areas act as highways of debris leading toward a larger area of accumulation.

"We passed about six degrees north latitude and found our first highway of garbage heading toward the North Pacific Garbage Patch," said Moore. "Then at about nine degrees north latitude, we found our second concentration of garbage. In between, it's very clean. So it's like the rings of Saturn... like there are different rings of the Gyre that are bringing this debris in."

The accumulation of plastic debris in ocean gyres has given birth to what is known as the Great Pacific Garbage Patch, the largest accumulation of garbage in the Pacific Ocean, over the past few decades. Researchers found 35 percent of fish in the North Pacific Gyre have consumed plastic.

For more information and opportunities to speak with Captain Moore about the expedition, please contact Katie Allen by email at katie@algalita.org or by phone at (562) 598-4889.