



# 2018

ACCOMPLISHMENTS

A photograph of Katie Allen, Executive Director, smiling on a beach. She is wearing a blue jacket over a white t-shirt with the text 'KEEP OUR SEAS CLEAN' and black shorts. She is holding a red water jug. A person in an orange jacket is crouching next to her. The background shows a beach and the ocean.

**KATIE ALLEN**  
EXECUTIVE DIRECTOR

# 2018 THROUGH THE EYES OF THE ED

I will always remember 2018 as the year it all came together--a year full of moments where our vision of a world where plastic pollution is unthinkable became more tangible than ever. The progress we've accomplished with students, teachers, politicians, citizens, businesses, and even plastic industry leaders gives me an indescribable sense of pride - and hope.

I know Charlie is proud of us. The organization he founded has grown up and is taking the Great Plastics Awakening he sparked nearly 20 years ago to the next level. As the issue of plastic pollution continues to grow as a hot topic, Algalita will remain dedicated to long-term systemic change that takes the planet, people, and future into consideration.

Embracing the complexities of this issue is not always easy, but we know it's what we must do. Trends come and go, but our desire for understanding true environmental responsibility at its core is something that will be passed on, generation after generation. Thank you to everyone who helps us do this work. We couldn't do it without you.

With great appreciation,

A handwritten signature of Katie Allen in black ink.

## **Embracing complex problems. Empowering future leaders.**

From science to policy, technological innovations to changing throwaway culture, we believe it's critical to pass along our complex understanding of the issue to the next generation of young leaders.





# THE ALGALITA TEAM

**Development  
Coordinator**  
Stephanie Shao

**Education Director**  
Anika Ballent

**Executive Director**  
Katie Allen

**Leadership Programs  
Manager**  
Michael Doshi

**Founder & Research Director**  
Captain Charles Moore



**BYO Long Beach**  
Julie Darrell



**Research Biologist**  
Gwen Lattin



**Founder, Algalita South Pacific**  
Raquelle Devine



**Research Development**  
Ilan Macadam Somers

Youth will change the world.  
Teachers will help them get there.

IN 2018 WE WORKED WITH

37,507

STUDENTS &

236

TEACHERS

TEACHER WORKSHOPS

IN-CLASS EXPERIENCES

YOUTH SUMMITS

FIELD EXPERIENCES

MENTORSHIPS

TEACHING KITS, CURRICULUM, & TOOLKITS







OCEAN INSTITUTE  
DANA POINT, CA



## ALGALITA'S 8<sup>TH</sup> ANNUAL PLASTIC OCEAN POLLUTION SOLUTIONS INTERNATIONAL YOUTH SUMMIT

CALIFORNIA  
BAHAMAS  
ZIMBABWE  
SOUTH  
CAROLINA  
FLORIDA  
BOTSWANA  
PALAU  
NEW ZEALAND  
HAWAII  
KENYA  
LEBANON  
OHIO  
MAINE  
ARKANSAS  
TUNISIA  
CAMBODIA

115 STUDENTS

10 COUNTRIES

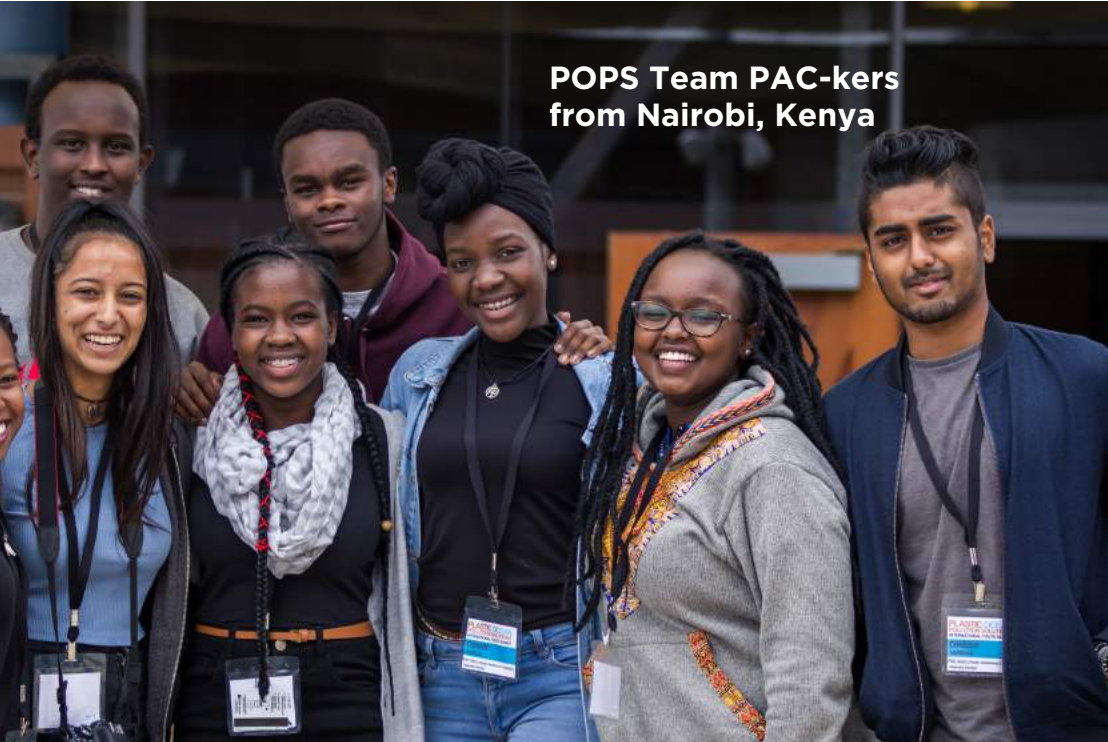
3-DAYS

Each year we bring together young people of the world to share different perspectives on plastic pollution. Working alongside our partners, we help these students return to their communities with inspiration, support, and a drive to make change by being exactly who they are.

"The experience of working with educators and youth from around the world was a **transformational** and **empowering** experience. I realized that each of our 'little' projects adds up to big change."

-- Tammy Rinkenberger, educator





**POPS Team PAC-kers  
from Nairobi, Kenya**



**POPS Team Plastic Pack  
from Canton, Ohio**



**Emcee Kristal Ambrose,  
Bahamas Plastic  
Movement**

# NEW ANNUAL PROGRAM

## YOUTH INNOVATION FORUM

This three-day experience challenges young people to think beyond today's short-term solutions and become immersed in future-thinking. From science to policy, technological innovations to changing throwaway culture, program content comes directly from Algalita's 20-year history within the movement -- a rare approach that gives youth a "boots on the ground" perspective. Another unique aspect of the Forum is that Algalita provides post-event opportunities for attendees including opportunities to join Algalita's Experienceship Program.

In 2018, 40 students participated in the forum.





# NEW EXPERIENCESHIP PROGRAM

In 2018, 29 college students completed an Algalita semester-aligned Experienceship. This program, launched in Fall 2017, is built around 2 tracks: Environmental Monitoring and Education and Community. Working with board members, local businesses, and Cal State Long Beach, each project is focused on local or research needs.

## Spring 2018

- Playbook for Plastic-Smart Schools
- Long Beach Shore Microplastic Monitoring

## Summer 2018

- Aquarium Kiosk Design
- South Pacific Gyre Microplastic Monitoring

## Fall 2018

- Long Beach Schools Engagement Program
- South Pacific Gyre Microplastic Monitoring

## Colleges & Universities Engaged:

Cal State University, Long Beach  
Long Beach City College  
Cal State University, Los Angeles  
Santa Monica College







# 2018 RESEARCH & INVESTIGATIONS

## EXPEDITION TO THE NORTH PACIFIC GYRE

In collaboration with researchers from California State University, Long Beach and UC Riverside, Algalita conducted a two week expedition to the edge of the North Pacific Gyre to further our investigation of the impact of plastic pollution on lanternfish.

## THE OCEAN CLEANUP CRITIQUE

Captain Moore and Katie Allen traveled to Alameda, CA to critique the world's first gyre cleanup device, designed by The Ocean Cleanup. Based on our observations, we believe this particular system will not be able to withstand the dynamic forces of the ocean.

## WASTE INVESTIGATIONS IN SOUTHEAST ASIA

Algalita's Leadership Programs Manager, Michael Doshi, joined the Story of Stuff Project as they traveled through Surabaya, Indonesia and Manila, Philippines collecting footage for The Story of Plastic. This in-depth documentary will reveal how plastic pollution causes serious human and environmental health issues throughout its entire life cycle. It will show where much of our Western consumer plastic waste ends up after it is put in our home recycling bins.



**"This is a small scale representation of the final resting place of our plastic packaging, there is no away."**

**-- Michael Doshi  
Algalita Leadership Programs Manager**

# GRAND OPENING ALGALITA'S PLASTIC-SMART COMMUNITY CENTER

Algalita's Plastic-Smart Community Center in Long Beach, CA was created to be a space for SoCal locals to adopt habits around using fewer plastics. We've partnered with BYO Long Beach, a small business run by Julie Darrell who supplies a wide range of alternatives to single-use plastics and a refill station to purchase cleaners & cosmetics. Together our mission is to inspire locals to reduce their waste and focus on reusable alternatives. Through our community center we also hold Do-It-Yourself workshops, guest speakers, movie screenings and networking events.

**"Perfection is not the goal, but progress. We can't all do everything, but everyone can do something."**

-- Julie Darrell, BYO Owner

**4,132**  
REFILLS IN 2018







## 2018 COMMUNITY OUTREACH

# 2,566

COMMUNITY MEMBERS  
DIRECTLY ENGAGED



**BEACH & BAY CLEANUPS**

**COMMUNITY PRESENTATIONS**

**DOCUMENTARY SCREENINGS**

In 2018 we launched on-the-water cleanup with both Kenny's Kayaks On The Water and LB Waterbikes to provide fun on-the-water cleanups for Alamitos Bay. Local businesses, such as Ballast Point Brewery, school groups and community members come out every 1<sup>st</sup> and 4<sup>th</sup> Saturday of the month to collect and survey floating plastic debris.

Over 150 Long Beach and SoCAL locals came out for Algalita's first annual Great Peninsula Cleanup. Using sand sifters, water floatation, wheelbarrows, and a lot of hard work, the group cleaned debris from the beach, focusing mainly on microplastics.

These community programs are highly educational, helping citizens understand the complexities of extracting plastics from the environment.





# LONG BEACH POLYSTYRENE ORDINANCE

As you can imagine, our team was absolutely thrilled to stand behind Mayor Garcia as he signed the Long Beach polystyrene ordinance into law on May 4.

After years of public discussions within city commissions and the Long Beach City Council, Algalita was able to help push through a ban that will restrict the use of products made of expanded polystyrene, rigid polystyrene (#6), and non-recyclable and non-compostable material prepared for food distribution. Additionally, the ordinance includes a ban on selling EPS foam coolers and craft beads at retail establishments, and also will require plastic straws and utensils to be distributed only upon request.

Although this is a major accomplishment, the ordinance will need continued support in order to remain in place while the city evaluates its effectiveness over the next 18 months.



**Algalita Executive Director, Katie Allen, and Algalita Founder, Captain Charles Moore join Mayor Garcia for the signing of the Long Beach Polystyrene Ordinance.**



# A NEW CHAPTER: **ALGALITA SOUTH PACIFIC**

Algalita South Pacific was established in 2018 to expand our reach further into the southern hemisphere. Founded by Algalita's Expedition Coordinator, Raquelle Devine, this international chapter builds on programs that Algalita offers in Southern California but within a context that is applicable and more specific to Aotearoa, New Zealand.

## 2018 HIGHLIGHTS

- Conducted sea surface sampling along the East Coast of NZ in collaboration with the Crown Research Institute [ESR].
- Participated in The PURE (Plastic Use Resistance Education) Tour 2018 that reached 850+ participants of all ages directly across the North Island.
- Launched Project Wellington: A Plastic Pellet Study of Te Whanganui-a-Tara Harbour with an aim to identify pre-production pellet hot spots in the region.
- Engaged 400 youth directly in workshops and presentations.
- Coordinated New Zealand youth involvement in Algalita's 2018 POPS International Youth Summit.
- Presented at NOAA's 6<sup>th</sup> International Marine Debris Conference.
- Partnered with Greenpeace to encourage the NZ Government to support a successful nation-wide ban on single use plastic bags.



# THE ALGALITA TEAM

**Founder**

Charles Moore

**President**

Marieta Francis

**Vice President**

Ron Jagner

**Treasurer**

Jeffrey Carrick

**Secretary**

Mallory Burden

**Directors**

Nikhil Dave  
Terri Buchanan  
Kevin Poffenbarger  
Dan Kalmick  
Carole Harris

**Executive Director**

Katie Allen

**Education Director**

Anika Ballent

**Development Coordinator**

Stephanie Shao

**Leadership Programs Manager**

Michael Doshi

**Research Biologist**

Gwen Lattin

**Chief Youth Officer**

Anushka Bhaskar

**Research Coordinator**

Ilan MacAdam Somer

**Bookkeeper**

Alison Staley

**Education Staff**

Laura Marcella  
Ross Cooper

**POPS Youth Summit**

Leadership Inspirations  
Green Contributor  
Kristal Ambrose  
Bahamas Plastic Movement  
Space2Create  
Plastic Pollution Coalition  
The Last Plastic Straw  
Lost Art of Love Letters

**Youth Innovation Forum**

Biomimicry LA  
Burbank Recycling Center  
Institute for Innovation and  
Entrepreneurship  
Bureo, Inc.  
Beautycounter  
Bioplastics Recycling  
City of Long Beach

**Expedition Coordinator &  
Algalita South Pacific,  
Executive Director**

Raquelle de Vine

**2018 Lanternfish  
Expedition Crew**

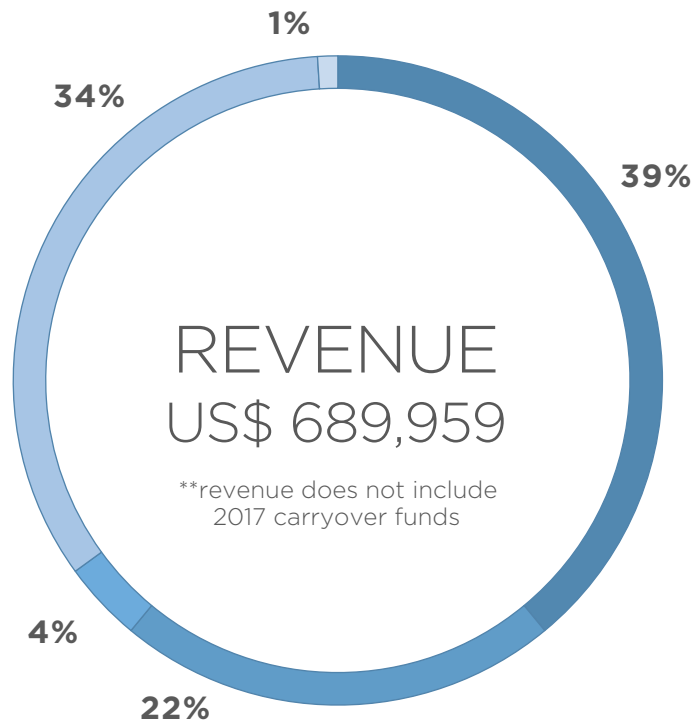
Charles Moore  
Raquelle de Vine  
Marty Klein  
Win Cowger  
Jeanine Martinez

**Core Volunteers**

Greg Shea  
Tory Romero  
Akane Tada  
Aaron Luangphonh

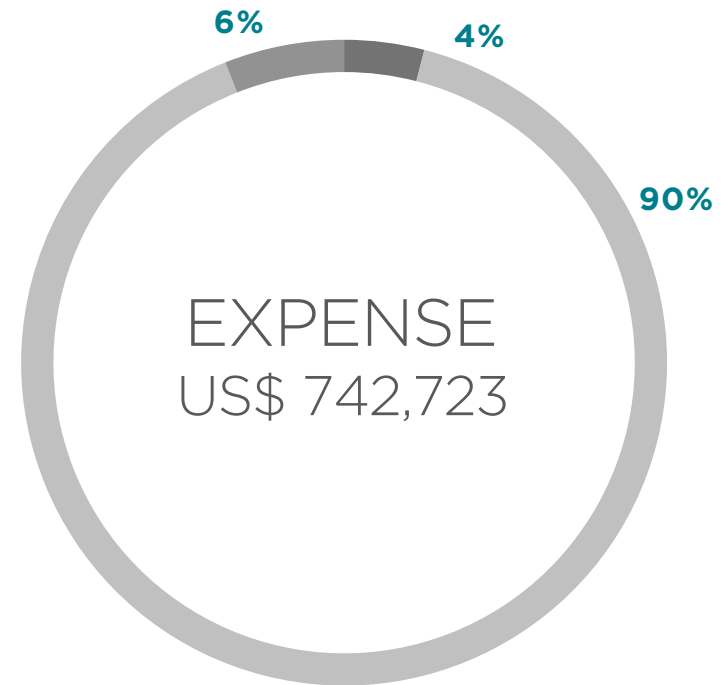


# FY 2018 FINANCES



## REVENUE

39%	GRANTS
22%	CONTRIBUTIONS
34%	IN KIND
1%	OTHER
4%	PROGRAM INCOME



## EXPENSE

90%	PROGRAMS
4%	OPERATIONS
6%	FUNDRAISING

# JOIN US

We invite you to take action  
to protect the ocean  
and all it provides.



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Long Beach, CA 90803  
562.598.4889  
[algalita.org](http://algalita.org)

Founder, Algalita South Pacific  
Raquelle Devine