

A CREATIVE COLORING COMPANION TO HELP SAVE OUR SEAS

Volume Eight



pangeaseed.org | seawalls.org A Drop of Paint Can Create an Ocean of Change

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ALOHA!

Welcome to Volume Eight of the Sea Walls: Artists for Oceans coloring activity book. Did you know the oceans are the life support system of the planet? At PangeaSeed Foundation, we believe a drop of paint can create an ocean of change, so we'd like to think that this booklet goes above and beyond being "just" a coloring book and is rather a companion to help you learn about the importance of our oceans and the pressing issues impacting them.

As the basis of the coloring pages, we featured existing artworks that PangeaSeed Foundation supporting ARTivists have created for past Sea Walls: Artists for Oceans projects across the globe. Be sure to read about these inspiring public murals and practice some of the action steps we've suggested. Harness your creativity and together, we can help save our seas!

Happy creative learning and let's paint for a purpose!

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ABOUT PANGEASEED FOUNDATION

PangeaSeed Foundation is Hawaii-based, internationally engaged nonprofit organization working at the intersection of culture and environmentalism to further the conservation of our oceans. Our mission is to empower individuals and communities to create meaningful environmental change for oceans through science, education, and ARTivism (S.E.A.).

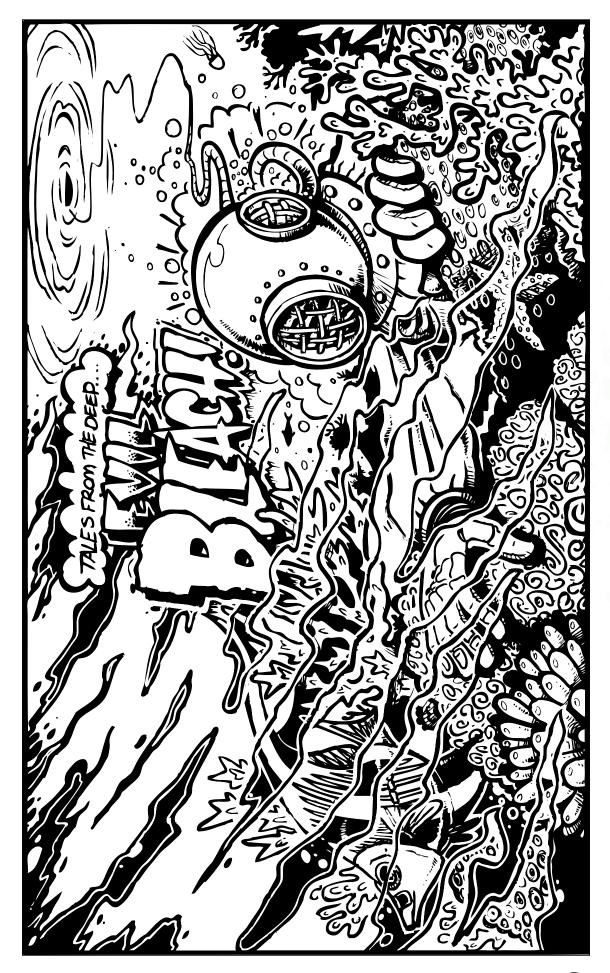
Visit **pangeaseed.org** to learn more.

ABOUT SEA WALLS: ARTISTS FOR OCEANS

Sea Walls: Artists for Oceans is PangeaSeed Foundation's groundbreaking public art program that brings the oceans into the streets around the world. By collaborating with the world's most renowned contemporary artists, we create large-scale public murals that address pressing environmental issues our oceans are facing.

Visit **seawalls.org** to learn more.







"EVIL BLEACH" by Daniel Wallwork (Australia)



Mural by Daniel Wallwork in Cairns, Australia (Photograph by Tre' Packard)

What is this mural about? Coral Bleaching

When corals are stressed by changes in conditions such as temperature, light, or nutrients, they expel the symbiotic algae living in their tissues, causing them to turn completely white. Warmer water temperatures can result in coral bleaching. When water is too warm, corals expel the algae (zooxanthellae) living in their tissues causing the coral to turn completely white. This is called coral bleaching. When a coral bleaches, it is not dead. Corals can survive a bleaching event, but they are under more stress and are subject to mortality.

Take action!

Reduce your own plastic footprint by:

- Download and complete these activities to learn more:
 - ~ NOAA Coral Reef Ecosystems Education Resources
- Use reef friendly sunscreen
- Only consuming sustainably caught sea life
- Reduce your and your family's carbon footprint by:
 - ~ Eating less meat Try meatless Mondays!
 - ~ Using less electricity at home
 - ~ Saving water
 - ~ Using less plastic, and reusing and recycling what you do use

Artist statement

"Coral Bleaching is fast spreading across the Great Barrier Reef, leaving almost no corner of this natural wonder untouched. A combination of Warmer ocean temperatures, agricultural runoff, coastal erosion runoff and increased interference by man has left the world's largest living organism in a precarious state. With the bleaching also comes the inevitable and obvious loss of habit and therefore reduction of sea life inhabiting those reefs, slow death!

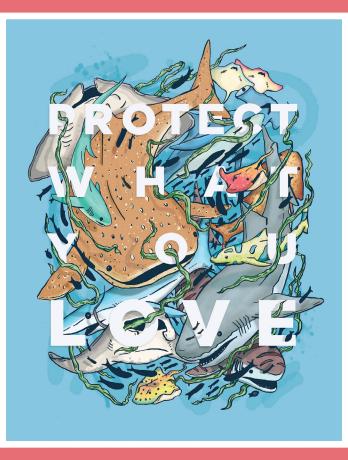
Yet, many residents living right on its doorstep remain seemingly oblivious to the omnipresent, creeping death just offshore and its overall devastating impact on not only the environment but industries and lifestyles communities built around its very existence. I live here, this is my home and the home of my family for generations, we all have our own special connection to it. It makes me very sad to think future generations of my family might not be able to view this wonder in full technicolor bloom.

By emulating classic horror movie posters, I aimed to grab the viewer's attention, via a tried and true method... a bold, colorful, narrative-based picture and the glaring, simple title alluding to the Monster within....the Shock!... The Horror!... Evil Bleach!! But, will it be enough? Will we be shocked enough by the tales from the deep or will we just sit back and wait for the next screening." - Daniel Wallwork



'PROTECT WHAT YOU LOVE (SHARKS & RAYS)"

by Eric Vozzola (USA)



Artwork by Eric Vozzola for PangeaSeed Foundation's "In Peril" print suite program.

What is this artwork about? Shark Conservation

The first sharks appeared in the world's oceans over 400 million years ago, more than 150 million years before the first dinosaurs took to the land. Most of the modern sharks we see today first appeared around 100 million years ago. By comparison the first humans evolved only around 200,000 years ago. As one of the top ocean predators, sharks play an important role in the food web and help ensure balance in the ocean's ecosystem. However, every year, over 100 million sharks are killed across the world to satisfy the global trade in shark fins. While the demand for the fins comes primarily from Asian markets, virtually every country with coastline has a shark fishery that is feeding the supply. Overfishing has reduced many shark populations around the world to levels that threaten their continued existence. Shark numbers have fallen by more than 80% in many cases. Sharks now represent the greatest percentage of threatened marine species on the IUCN Red List.

Take action!

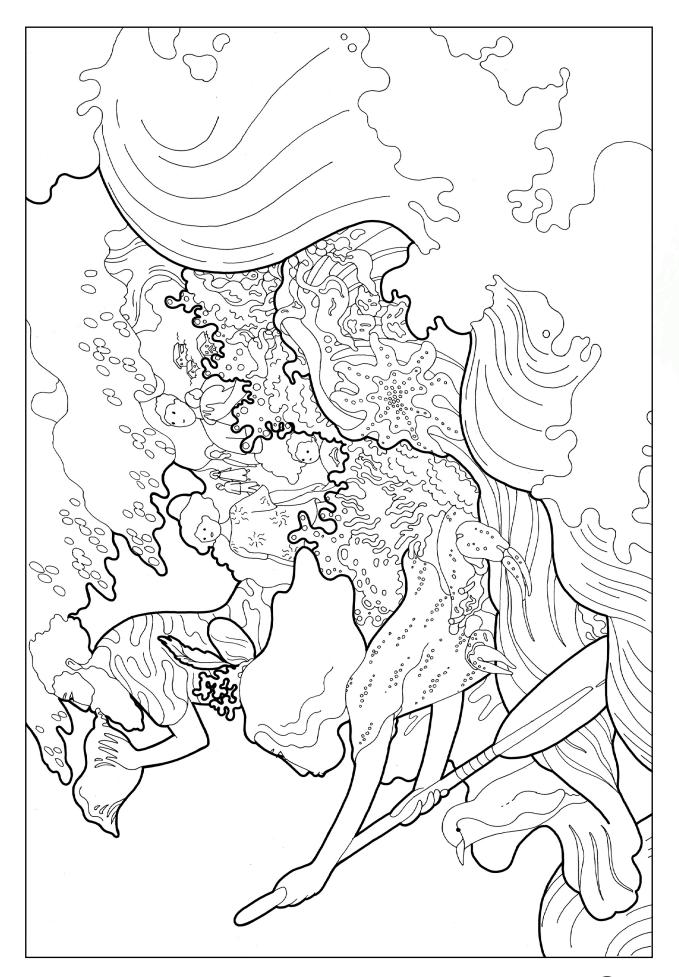
Help conserve shark populations by:

- Refraining from consuming shark fins and meat
- Purchasing cosmetic/health products that don't contain squalene (shark liver oil)
- Avoiding pet food that list 'white fish' as an ingredient as it likely is shark
- Supporting responsible shark tourism operations and experience the animals in their natural habitat

Artist statement

""Being born and raised in the desert of Las Vegas, NV, books and TV were my only real exposure to the beauty of the ocean and ocean life – but I was hooked at an early age. I remember vividly as a kid having a few books on sharks and the ocean that I would flip through continuously. Some of my earliest memories of drawing were when I would try to recreate the illustrations of all the different types of sharks and ocean life I would read about in these books. I would watch nature documentaries and be absolutely fascinated with the mystery of the ocean and seeing these animals from my books come to life.

As an early lover of sharks and rays, I wanted to portray these beautiful creatures in the next iteration of my "Protect What You Love" poster series with PangeaSeed Foundation. I've illustrated various species of these animals flowing and interweaving around each other, which represents their necessity to the ocean as sustainers of balance and an integral part of our complex ocean ecosystem and to hopefully eliminate the fear that has been misinterpreted with these amazing animals. Investing my concerns in the awareness and protection of the ocean through my art is extremely important to me because the way I will always see it: without the ocean, there would be no desert; no mountains; no home." - Eric Vozzola





"WE ARE ALL IN THE SAME WAKA"

by Rebecca ter Borg (New Zealand)



Mural by Rebecca ter Borg in Gisborne, New Zealand (Photograph by Tre' Packard)

What is this mural about? Humanity's Responsibility to Protect our Environment

The impact of humans on the natural environment is significant and growing, causing changes in biodiversity that have been more rapid in the past 50 years than at any time before in human history. As demographic pressures and consumption levels increase, biodiversity decreases, and the ability of the natural world to continue delivering the goods and services on which humanity ultimately depends may be undermined.

Biodiversity loss disrupts the functioning of ecosystems, making them more vulnerable to perturbations and less able to supply humans with needed services. The consequences are often harshest on the rural poor, who depend most immediately upon local ecosystem services for their livelihoods. Out of the 24 ecosystem services that make direct contributions to human well-being, 15 are in decline including our oceans.

Take action!

- Bring your own! Say no to single-use plastics.
- Eat as local as possible.
- Reduce your carbon footprint and energy consumption.
- Make sustainable seafood choices. Vote for the environment and call your representatives.
- Educate yourself about what's happening to our oceans.

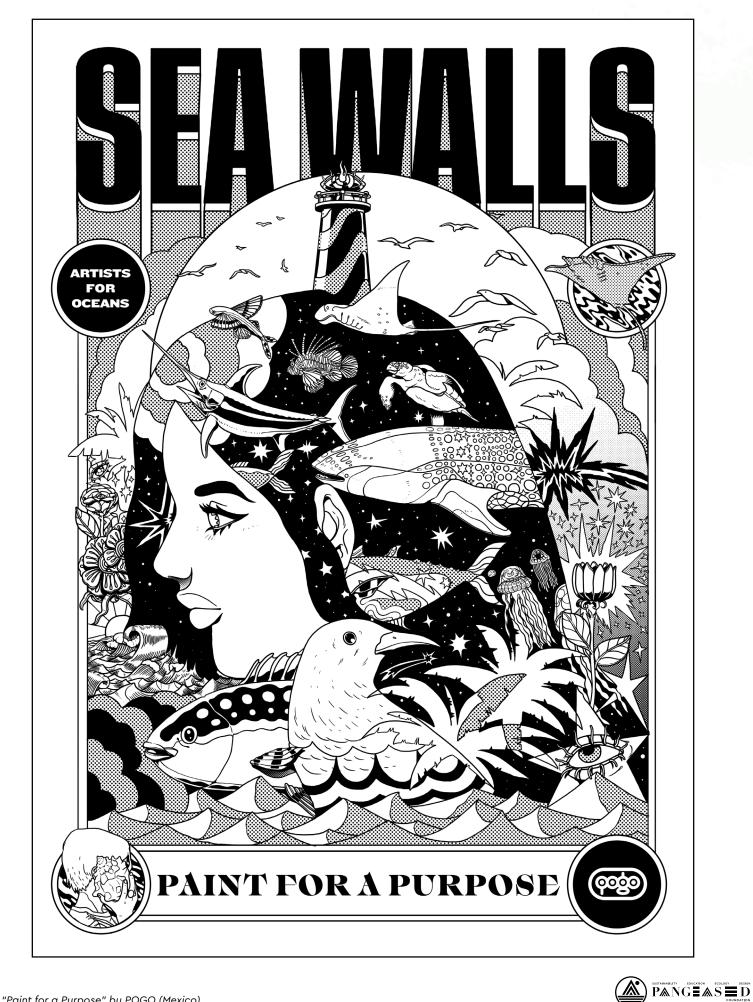
Artist statement

"Our theme is the delicate balance between all life forms on the planet and their interconnections with each other. We wanted to remind viewers of how our actions on land affect the ocean, although these effects can't always be seen.

We tried to illustrate how humans are not separate from nature but a part of a whole and in a complex relationship with everything on earth, by depicting people, sea creatures and natural elements all on board a giant shell-like sea vessel which represents our reliance on each other and on the ocean.

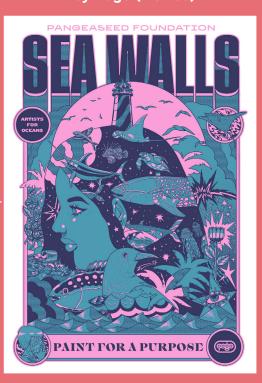
We are all in the same waka (Maori canoe, now used in New Zealand as a general term for a boat) and if the boat is tipped off balance by harmful and wasteful actions of humans we are all of us in a precarious position.

However, the characters on the waka are looking forward with hope and determination to a new horizon and we hope to inspire a new generation of kaitiaki (care-takers) with our mural." - Rebecca ter Borg





"PAINT FOR A PURPOSE" by Pogo (Mexico)



Artwork by POGO for PangeaSeed Foundation's "In Peril" print suite program.

What is this artwork about? Ocean Stewardship

Oceans are the life support system of our planet and humankind. The seas flow over nearly three-quarters of the Earth and hold 97% of the planet's water. Sea plants produce 70% of the oxygen we breathe, that's every second breath we take. The oceans are home to incredible biodiversity and some of the most massive creatures on earth. No matter where you live in the world, from the mountains to the desert, oceans directly affect your life and the lives of everyone you know.

From the air that you breathe, the water you drink, the food you eat, to the products that keep you warm, safe, informed, and entertained, all can come from or are transported by the ocean. Around 50% of the world's population lives within the coastal zone, and ocean-based businesses contribute more than \$500 billion to the world's economy.

Once, we thought that we could never take too much out of the oceans, or put too much waste into it. However, now, the sheer number of people on our overpopulated planet who use and depend on the sea, and the sometimes unwise practices we adopt, have created many problems such as the overfishing, pollution, acidifying oceans, biodiversity loss, and degradation of marine habitats, among others. We now risk the very ecosystems on which our survival so closely depends.

A recent study which mapped human impact on the oceans for the first time has revealed that the picture is far worse than scientists had previously imagined. 40% of the world's oceans have been profoundly affected by human activity.

Take action!

- Reduce your carbon footprint.
- Take a plastic inventory! For a few days, pay attention to all the things you use that are made of plastic and think about ways you can use more reusable, sustainable, non-plastic products. Some easy swaps include:
 - ~ Reusable water bottle
 - ~ Metal/silicone straws
 - ~ Reusable grocery bags
 - ~ Reusable storage bags to replace zip-lock bag
 - ~ Choose groceries packed in paper, glass or metal, instead of plastic
- Choose sustainable seafood that is lower on the food chain (think sardines over tuna). Check out these guides here!
- (Help your parents) vote for ocean-minded candidates.

Artist statement

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""The Earth's oceans regulate climate, weather and are the lungs of the planet supplying every second breath we take. Simply put, without healthy oceans, life on land is impossible. We must fight for the protection and sustainability of the planet's ecosystems that we all greatly depend on for survival." - POGO





"MAPACHE'S STARE" by Sonny (South Africa)



Mural by Sonny in Cozumel, Mexico (Photograph by Tre' Packard)

What is this mural about? Biodiversity Loss

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Biodiversity loss disrupts the functioning of ecosystems, making them more vulnerable to perturbations and less able to supply humans with needed services. The consequences are often harshest on the rural poor, who depend most immediately upon local ecosystem services for their livelihoods. Out of the 24 ecosystem services that make direct contributions to human well-being, 15 are in decline including our oceans.

Take action!

Help conserve shark populations by:

- Reduce your carbon footprint.
- (Help your parents) vote for ocean-minded candidates.
- Complete these activities to learn more:
 - ~ Seafood Watch Educator + Student Resources
 - ~ Choose sustainable seafood that is lower on the food chain (think sardines over tuna). Check out these guides here!
- Choosing reusable and compostable goods over less sustainable materials.

Artist statement

"The oceans connect us all and it's up to ALL of us to protect them. For my Sea Walls mural, I wanted to focus on some of the environmental issues that face the beautiful island of Cozumel. The pygmy raccoon (also known as the Cozumel raccoon) is one of 36 species endemic to the island; it's also critically endangered with habitat loss caused by tourism as a major culprit.

A landfill reflected in the eye of the raccoon represents how these animals can only watch as their habitat gets destroyed and taken over. The raccoon is painted to break and fade away, and if you look hard you can see a cruise ship in amongst the splatters. This serves as a reminder of the monstrous cruise ships that bring 5 million people to the island every year, severely impacting on its ecosystems.

With another port in the pipelines, this number may double to 10 million people a year! For an island that has one of the world's largest reefs and is home to so many endemic species, we can only hope that regulations and support from the local government will be able to protect it." - Sonny



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