

NEXT WAVE INTERNATIONAL

Inspiring a love of nature—in the next generation of world leaders

BLUE OCEAN INSTITUTE
Inspiration, Information, Action

VISION Use international schools as the concentrated leverage point for influencing the next generation of world leaders. Instill factual understanding, emotional connection, and strategic respect in highly privileged students who are destined to become highly influential adults.

INSPIRING A NEW GENERATION How can we inspire a love of nature in the next generation of world leaders? Our answer is Blue Ocean Institute's Next Wave International Youth Education Program.

International schools are a learning ground for the children of overseas business leaders, foreign diplomats, technocrats (United Nations, World Bank) and members of governments. **These students are—quite literally—poised to rule the world.**

Our Next Wave International program instills an early-life reverence for the finite fragility of forests, water, wildlife, and oceans—in those destined to assume the helm in global business and government leadership.

No one has a greater stake in the future than the next generations who will live it. We aim to help them successfully shoulder the awesome, crucial responsibility of stewarding natural resources and restoring the ocean's living abundance. Meanwhile—they will bring some of what they've learned home to their parents.

"I have learnt so much during this unit. I was surprised how complicated ecosystems are. I never knew how endangered the oceans really are, or about shark-fin soup and tuna populations. Learning all this has made me care about the ocean and want to do something to help protect it."

— Mia Stone
Australian middle school student

K-12 EDUCATION AS A CONSERVATION STRATEGY



The program currently focuses on East Asia, influencing young minds in nations with some of the world's largest remaining forests, biggest fishing fleets and greatest appetites for seafood. **Next Wave International is now reaching several thousand of East Asia's future leaders**—at a time when their intellectual and ethical frameworks are forming.

WHY INTERNATIONAL SCHOOLS?

International schools represent a key, global audience that is **hungry for materials such as ours**. These K-12, private, English -language schools concentrate a strategic audience—the privileged children of highly influential parents. Each year international schools graduate tens of thousands of culture-bridging, multilingual kids who become **dynamic young adults** with great potential to energize their communities and **shape world opinion and global business strategies**.

Like all parents, the affluent want every advantage money can buy for their kids. Unlike most, they have the resources to provide it.

“If pulling out one brick can topple a building, what if sharks are that brick?”

– Nisanth Parameswaran
Malaysian sixth grader
International School of Manila

Globalization of the economy poses challenges, but its flip side, globalization of education, offers spectacular opportunity. Reaching these children is possible today because, at least for the wealthy,

the **global education is a reality**. This means English-language schooling that in turn opens doors to higher education in the U.S., Europe, Australia and elsewhere. No longer just for the children of Western expatriates, **international schools exist in every major city**. For those who can afford them, they are the school of choice.

NEXT WAVE INTERNATIONAL COURSE MATERIALS

The Next Wave program **empowers educators to teach the value of ocean life plus the interconnectedness of humanity and nature**. Dynamic books written for young adults, classroom activity guides (with model unit plans),

teacher training, networking and mentoring are key components of our program. Each book focuses on an intriguing ocean creature or ecosystem and helps kids understand the connections between people and ocean inhabitants. Through engaging stories, non-fiction text, comics, scientific illustrations and photos,



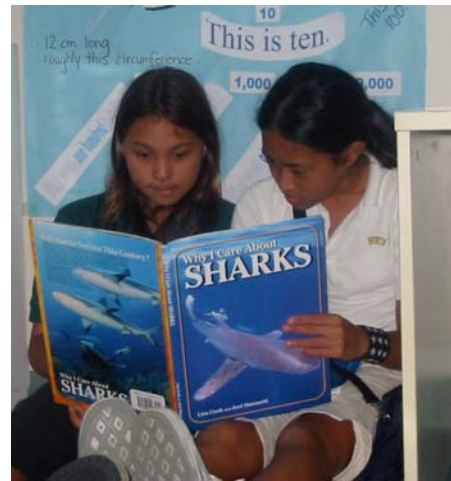
kids see their role in current environmental problems and are encouraged to get involved and create solutions. The accompanying activity guide for each book supports instruction in reading, writing, social studies and science—and **critical thinking about real-world issues**.

“This is my first time to see a book which attacks my mind so hard. It make me to care about shark so much.”

– Jun Ho Lee
South Korean sixth grader
International School of Manila

Our first book, *Why I Care About SHARKS*, is **now being used in more than 50 international schools throughout East Asia**. Although designed for middle school, Next Wave books are often adapted to younger and older students.

Sharks provide a high-interest vehicle for introducing children to ocean life and the cascading effects of overfishing. *Why I Care About SHARKS* highlights the trade in shark fins and their consumption as soup—a regionally and culturally relevant overfishing example. Kids’ attitudes about sharks change when they learn that robust shark populations actually contribute to healthier ecosystems. When children discover that sharks matter, they’re



motivated to change their values and their personal relationships with the sea, an essential first step on the way to changing the attitudes of family, community and culture. Sharks are a lens we

use to show how to create **a new relationship with the sea and with nature—one that’s durable and can work for their generation**.

Our next book, *Why I Care About Coral Reefs*, is nearly complete and will be followed by other books for young adults.

PROGRAM LEADERSHIP

Co-authors of *Why I Care About SHARKS* and a forthcoming book about coral reefs, Lisa Cook and Joel Simonetti lead our Next Wave International Program. They are professional teachers with **20 years overseas classroom experience**. They're an experienced and well-connected team in the international school educators' global network.

Dr. Carl Safina, Blue Ocean Institute's founding president, is an award-winning writer and international thought leader in ocean and nature conservation. His knowledge, influence and profile add greater reach and dynamism to the Next Wave International Program.

MENTORING, TEACHER TRAINING & RECRUITING

We use our distinctly ocean-flavored books as an opportunity to talk to educators. Our conversations take place one on one during school visits, at teacher professional development conferences and at conferences for high school students where we speak to large audiences. Our materials and training **help educators understand the connections between ecosystems and human well-being**, and show how teachers can use these topics to address the many subjects they're required to teach. Packard Foundation support allows us to make our materials free to schools that accept our teacher training services and our assistance in devising curriculum. We work individually with educators and schools to help them design units about the ocean that meet the particular needs of their grade level and institution.

Joel Simonetti, a language arts and social studies specialist and Lisa Cook, a math and science teacher, also visit schools to provide a variety of services to help educators teach about marine ecosystems. These include **curriculum writing, mentoring, visiting author talks, writing workshops for kids, evening programs for the school community and presentations** on coral reefs, sharks, ecological history and other ocean-related themes.



Over the course of a 2-3 day workshop Joel and Lisa can help a school develop a flexible, interdisciplinary, fully-resourced, literature-based unit in PYP, MYP, UBD and other curriculum formats to serve the needs of any grade level. If several schools in an area collaborate, workshops can be set up through the East Asian Regional Council of Schools (EARCOS) and other professional development organizations.

NEXT STEPS FOR NEXT WAVE INTERNATIONAL

This year the Next Wave International Program is **expanding beyond our current base in East Asia** to connect with international schools in Europe and South America. We will also broaden Next Wave teacher training and support, curricula, and online networking. An interactive web section, to be launched this summer, will connect students and teachers worldwide and will serve to share and cross pollinate the innovative activities and ideas from teachers using our materials. This web section will also increase our ability to recruit new educators.

We are developing new course materials about coral reefs, seafood, trash in the ocean, and the sea's changing chemistry. Program expansion beyond East Asia to **Europe and Latin America** begins this year with the goal of recruiting hundreds more teachers to use Next Wave materials.

Simonetti and Cook will speak at several conferences where heads of international schools, board trustees and senior teachers gather to discuss trends in education. Dr. Safina is planning to address these international conferences beginning in 2012 focusing on the role schools can play in helping society construct a new environmental ethic. Other next steps include additional teacher training in East Asia and the Western Pacific and **translating course materials into Chinese, Japanese and Indonesian**. We're also creating Next Wave International summer training courses to provide opportunities for international educators to earn credits to maintain their professional certification.

"Someday, over-fishing will be recognized as a problem that we are creating, and the time will come when there are no more sharks left to fin."

– Mandy Zhou
13-year-old
Taiwanese student

NEXT WAVE IMPACT ON DISNEY HONG KONG

When kids learn why they should care, it empowers them to participate in decisions that affect the fate of life on our planet. Camille Arvisu understood this. In May of 2005, after discovering that global entertainment giant Disney planned to serve sharkfin soup at its new

theme park scheduled to open in Hong Kong, she and hundreds of other kids studying marine ecosystems at international schools in East Asia let then Disney CEO Michael Eisner know what they'd been learning.

To: michael.eisner@disney.com; don.robinson@disney.com; roy.hardy@disney.com; irene.chan@disney.com

Dear Mr. Eisner . . . ,

May 2005

Good Afternoon, I am Camille Arvisu from the Philippines. I'm 11 years old and I'm turning 12 this coming September. I'm a fifth grade student studying in Jakarta International School, Indonesia.

In our biodiversity class we were talking about sharks and their habitats. When I was a little kid I always looked forward to visiting Disneyland. That's one of the reasons why I was shocked when our teacher read to us the BBC news report about Disneyland Hong Kong thinking about putting sharkfin soup in your menus for weddings and other special occasions.

I don't think it's necessary for you guys to have sharkfin soup. Disneyland is already perfect as it is. . . . Disneyland doesn't need any more publicity, especially bad publicity. This whole sharkfin soup thing can actually hurt Disneyland's reputation, I mean it already reached the internet it'll only take a few days to spread.

Sharkfin soup is made up of shark fin needles, pork loin, ham, chicken and other seasonings. The things that actually give the sharkfin soup its taste are just the seasonings and other meat. The sharkfin needles just give texture! I read in TIME once that shark populations have dropped a whopping 90%! With the demand for their fins, sharks can't reproduce fast enough. If this sudden rise of demand for their fins the sharks might actually go into extinction.

Sharkfin soup used to be a Chinese tradition eaten by wealthy people in China. I understand that you believe that it's only proper to "respect" Chinese culture, but just because Disneyland is now in China doesn't mean you have to change Disneyland.

Just remember, the sharks need their fins more than we do.

A Disney fan since birth,
Camille Arvisu

By October, Disney had changed its mind. There'd been such a public outcry that the company decided not to serve sharkfin soup at its new theme park. Camille, who'd been following the story, sent her teacher, Joel Simonetti, an e-mail to let him know the good news.

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BE A PART OF THE WAVE

To find out more about Blue Ocean Institute's Next Wave International Youth Education Program or to lend your support, please contact Joel Simonetti at jsimonetti@blueocean.org.

Current info at <http://www.blueocean.org/programs/education/next-wave>
Look for Next Wave International's new web section this summer!

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