

ANNUAL REPORT '08 - '09

ORCA's mission is to protect and restore marine ecosystems and the species they sustain through the development of innovative technologies and science-based conservation action.

"I am working with ORCA to implement cutting-edge communications tools that are truly relevant."

ALEXANDRA COUSTEAU
Global Water Advocate



"We are excited about the ORCA Kilroy because its data is available to everyone..."

JOHN HANKE
Director of Google Earth & Google Maps



"...to embrace new technologies such as the ORCA Kilroy ...takes backbone, courage and vision."

SYLVIA EARLE, PH.D.
World-renowned American Oceanographer



"ORCA's Kilroy is the sentinel we need to identify and respond to pollution in the water."

ADMIRAL JAMES D. WATKINS
Co-Chair Joint Commission on Ocean Policy



THE JOURNEY CONTINUES...

A MESSAGE FROM EDIE

Dear Friends,

Thank you all so very much for helping ORCA™ revolutionize ocean conservation! When we launched ORCA in 2005, we knew we had the passion and the plan that would finally begin restoring our ailing waters, but we never dreamed we'd be joined so quickly by so many talented and dedicated people sharing our vision. Our dream of reversing our ocean's ominous tide is becoming reality, and we are honored to count you among our colleagues in conservation.

ORCA's engineers have developed a water-monitoring system like no other—a system we fondly call *Kilroy*™. In the Florida Keys, *Kilroy* has already passed its initial test, pitted against the federal government's far more expensive monitors. We are now preparing for the next big step—to have *Kilroy* sensors tested and verified by the EPA, which means *Kilroy's* data can be accepted nationwide.

This is a huge step toward monitoring our coastal ecosystems, toward tracking our waters as they flow, providing early warnings of dangerous eruptions of algae, and honing our ability to trace pollutants to their source. It is no coincidence that the forte of ORCA mirrors the urgent recommendations of Admiral James Watkins' U.S. Commission on Ocean Policy in its ground breaking report, *An Ocean Blueprint for the 21st Century*. The report said it best: "Ongoing monitoring is essential to assess the health of ocean and coastal ecosystems and detect changes over time. More than any other measure, monitoring provides accountability for management actions." And more than any other effort in action, ORCA's *Kilroy* is answering the Admiral's call.

In addition to ORCA's cutting-edge *Kilroy* program, we are pioneering another exciting conservation tool we call *FAST*™—Fast Assessment of Sediment Toxicity. *FAST* is a low-cost technique for quickly detecting toxins in marine sediments, thereby flagging pollution hotspots for rapid remediation. We are similarly proud of ORCA's new *Land-to-Sea*™ Initiative. This initiative begins by helping people become better stewards of their land, and thereby less frequent polluters of their water. For example, we're helping Florida ranchers reduce the excessive nitrogen and other fertilizer-derived nutrients that would otherwise drain from their land to coastal waters where they may damage fragile wildlife habitats and trigger toxic blooms of algae.



Rarely do individuals—especially scientists of Edie's significant caliber—have the gumption to step outside the ivory tower and take the initiative she has in reaching the public at large. Her willingness to embrace new technologies such as the *Kilroy*, and co-founding ORCA, takes backbone, courage and vision. Splashing around with Edie in various parts of the ocean and watching her in action, gives me a special perspective concerning the mark she's making on the world—at just the time the world needs it most.

SYLVIA EARLE, PH.D. World-renowned American Oceanographer



President, CEO and Senior Scientist

ORCA has physically expanded as well! With support from St. Lucie County, and from our dear friends Jo Duerr and her late husband John, ORCA opened its second Florida facility, the ORCA Conservation Technology Center in Fort Pierce, just steps from the Indian River Lagoon.

Financially, ORCA had an excellent year in 2008, raising major funds from a wide array of individuals, governments and foundations. Not surprisingly, the economic downturn of 2009 has proved more of a challenge. Like many non-profits, we have been competing for dwindling philanthropic and government funds. We are nevertheless optimistic for 2010, having invested in top-notch staff to deepen our fundraising efforts. We've also ramped up our communications' team. Check out our new website at www.teamorca.org!

In 2010, we anticipate raising significant new revenues from government and industry groups, all clamoring for the low-cost, high-quality water monitoring that only *Kilroy* can provide. Even the Internet giant, Google, is looking to ORCA for answers. Recognizing Edie's leadership in developing ocean observation and exploration technologies, they recently asked her to join their Advisory Board for Google Earth 5.0—more affectionately known as Google Ocean. We've already begun discussing possibilities for Google teaming up with ORCA's *Eye-in-the-Sea*™ and *Kilroy* programs.

To everyone—donors, volunteers, employees and fans of ORCA—thanks again! ORCA's successes are your successes.

Edith Widder, Ph.D.
President, CEO and Senior Scientist

PRESERVE & PROTECT

PROTECTING OUR WATERS, PROTECTING OURSELVES

ORCA was founded because we realized the status-quo of ocean conservation was losing ground—our waters were besieged by an endless wave of unseen pollutants, toxic algae, and invading species. We also realized that the traditional conservation strategies used on land—such as buying acreage or posting "No Trespassing" signs, wouldn't work for savings bodies of water.

The vision of ORCA is a world in which:

- Marine resources are protected and managed for sustainability with the needs of people and the environment balanced for mutual benefit.
- The public has access to reliable marine ecosystem data and understands that the ocean is a finite resource providing habitat for countless species beneficial to humans and integral to ecosystem health.
- The public is engaged in protecting and restoring marine ecosystems using ecosystem-based management principles to improve water quality.
- In this new era of ocean stewardship, there are sufficient technical /scientific, management, and financial resources available through government and philanthropic support.



ORCA's Duerr Laboratory for Marine Conservation

So we at ORCA have come to envision a fundamentally new approach to ocean conservation—one focused on improving the quality of water—the precious habitat fish, marine mammals and other wildlife require for survival. As the nation's first technology-based marine conservation organization, ORCA's unique niche in responding to large scale deterioration of the marine environment is to:

- Collect accurate and scientifically defensible data on water quality and its impact on marine ecosystems.
- Provide the data to the public and decision makers in an easily accessible and understandable format.
- Engage communities in marine conservation action, with positive reinforcement for their efforts through feedback involving easily understandable scientific data.



JOHN HANKE
Director of Google Earth & Google Maps

ORCA HARNESSES THE POWER OF A NETWORKED COMMUNITY

We are excited about the ORCA *Kilroy* because its data is available to everyone, so groups that have disparate interests can harness the power of the social network to enact real change like never before. Everyone from federal agencies to elementary science classes can become invested in their local aquatic resources and act together to restore and protect them.

We also wish to thank ORCA's Dr. Edie Widder. With her assistance, Google Earth 5.0 aka "Google Ocean" has become a textbook example of the interface between science and the burgeoning social networking community. Edie's in-the-water experience in producing technological instruments that answer scientific questions is just what the water conservation community needs to enact effective change. We at Google Earth are delighted to work with her to bring information on the ocean to everybody, giving them the power to make a difference in their local community.



MONITOR & RESTORE

KILROY & FAST: ORCA'S DYNAMIC DUO

ORCA™ is the nation's first nonprofit marine conservation organization dedicated to developing water-monitoring technologies with the scientific precision and scope for saving our aquatic ecosystems.

Sediment toxins remain a significant yet often unmeasured threat to the health of aquatic ecosystems. ORCA has responded with *FAST*™, its Fast Assessment of Sediment Toxicity program. *FAST* quickly and inexpensively identifies pollution sinks in aquatic environments.

Once *FAST* identifies these toxic hotspots, Kilroy then tracks the offending pollutants to their source. *Kilroy*™ is a low-cost aquatic ecosystem monitoring network that deploys state-of-the-art sensors into threatened waters, continuously measuring the water's flow speed and direction, temperature, salinity, depth, turbidity, and the prevalence of key micro-organisms including those responsible for certain red tides.



ORCA's "Eco-Guardian" Kilroy

Kilroy sensors stream their data to ORCA's web server 24 hours a day, empowering conservationists and resource managers to diagnose and cure coastal insults as they're happening.

Working together, *FAST* and *Kilroy* can cover entire watersheds, flagging every source and sink of pollution. Data from the dynamic duo are now being combined to create web-based maps of toxic sediments and their sources within coastal and freshwater habitats. These maps will provide the missing tools for local stakeholders to finally pinpoint and put an end to the



ORCA Field Technician, Jerry Corsaut Working With A Sediment Sample

pollution in their own back yards. For the first time, citizens will be empowered to help enforce the Clean Water Act.



LAND-TO-SEA INITIATIVE

WHERE INFORMATION SPAWNS ACTION



Citizens concerned about coastal waters are too often inundated with dire predictions of toxic algal blooms, loss of habitats and species, and a lowered quality of life; too rarely are they offered solutions. Their question, 'How can we help?' is typically answered with requests for donations or referrals to websites for additional information.

ORCA's response is action, as spelled out in our *Land-to-Sea*™ initiative. From helping homeowners reduce toxins flushed down their drains, avoid frivolous use of plastics and reducing light pollution that harms nocturnal aquatic species, to working with government, agriculture and industry groups to limit the pollutants leaching from their lands, *Land-to-Sea* is aimed at helping people do a better job at stewarding their own backyards and landscapes.



LESLIE LILLY
President/CEO of Community Foundation for Palm Beach and Martin Counties

ORCA'S PROGRAMS PROVIDE SMALL COMMUNITIES WITH BIG OPPORTUNITIES

The innovative Kilroy system will for the first time create data that will allow greater accountability for clean water protection regulations, having a transformative effect on water protection and conservation in South Florida and beyond. Kilroy data improves mitigation efficiency by allowing resource managers to effectively target problem areas and prioritize. Furthermore, it provides an immediate measure of success so politicians that support Kilroy-based projects can demonstrate responsible use of government funds for mediation projects that result in positive change for our natural environment.



DID YOU KNOW?

EIGHTY PERCENT OF ALL POLLUTION IN THE OCEAN COMES FROM LAND-BASED ACTIVITIES.

"We need to act now to reverse distressing declines if this and future generations are to continue enjoying the many benefits we derive from our oceans and coasts."

-Admiral James D. Watkins

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CONSERVATION IN ACTION

FROM FLORIDA'S INDIAN RIVER LAGOON TO THE NATION



ADMIRAL JAMES D. WATKINS
(Retired)

Co-Chair Joint Commission
On Ocean Policy

Coastal waters are one of the nation's greatest assets, yet they are being bombarded with pollutants from a variety of sources. Our failure to properly manage the human activities that affect the nation's oceans, coasts, and Great Lakes is compromising their ecological integrity, diminishing our ability to fully realize their potential, costing us jobs and revenue, threatening human health, and putting our future at risk. ORCA's Kilroy is the sentinel we need to identify and respond to pollution in the water. The ecosystem based approach to ORCA's programs are the solutions needed to address water quality issues at the local, regional and national scale.

The potential of the ORCA Kilroy™ system to revolutionize water-quality monitoring and mitigation has not escaped the attention of leading Florida citizens. ORCA plans to leverage these developing relationships with governments and agricultural and community organizations as templates for bringing Kilroy to the nation's most endangered and priceless ecosystems, such as the Chesapeake Bay, Mississippi River, and Great Lakes.

And there is no better test site for Kilroy than Florida's Indian River Lagoon (IRL). Ecologically, the IRL is one of the most diverse and productive estuaries in the United States. Politically speaking, the IRL serves again as an excellent place to get Kilroy's feet wet. ORCA has developed strong relationships with the governments of St. Lucie, and Martin counties, as well as state agencies including Florida's Department of Environmental Protection and the Fish and Wildlife Commission. All have provided funding, personnel and permits toward installing Kilroy monitoring systems in the IRL. Furthermore, the non-profit Indian Riverkeeper organization has made a priority of helping ORCA install a Kilroy network in the IRL.

George Jones, the Indian Riverkeeper says, *"As a marine conservationist for over 30 years, I have never been more excited about the potential for a technology to help resource managers do their jobs than ORCA's Kilroy system... I can think of no higher priority than putting a Kilroy network to work in the Indian River Lagoon, and have it become a model for other Waterkeepers with the International Waterkeeper Alliance to use in the protection and defense of their water bodies. We all need to demand clean water, and Kilroy will help us transform the federal Clean Water Act from a hard-to-enforce document to the standard that all water-related actions must meet."*

The Chesapeake Bay is the next ecosystem on Kilroy's target list. And the list grows. We continue to receive numerous requests from scientists, resource managers and individuals throughout the world seeking to have Kilroy networks monitoring their local waters.



DEEP SEA CONSERVATION

SAVING SEAMOUNTS WITH ORCA'S EYE-IN-THE-SEA

Mountains rising from the ocean depths, seamounts are underwater islands of biological diversity. Providing food, shelter, and spawning grounds for a vast assortment of marine life, from microbes to corals, fish to whales and dolphins, seamounts have been compared to the tropical rainforests of the sea. Yet like the rainforests, these underwater hotspots of biodiversity are being decimated. Destroyed by careless fishing, the fate of the seamounts has triggered international concerns that these largely uncharted underwater wildernesses will be ruined before we've begun to understand their value.

Enter the ORCA Eye-in-the-Sea™, an unmatched tool for discovering and observing life on seamounts. This novel technology—replacing the old snapshot method of scientific monitoring with an innovative deep-sea video camera—unobtrusively peers into the daily lives of deep-sea denizens. What Eye-in-the-Sea may find is anybody's guess: Seamounts are home to myriad organisms found nowhere else. These underwater islands are a frontier of new species awaiting discovery, and the Eye-in-the-Sea will be there for the unveiling.

And with knowledge, comes caring. Seeing these rainforests of the deep through the ORCA Eye-in-the-Sea will shed new light on the path to their preservation.

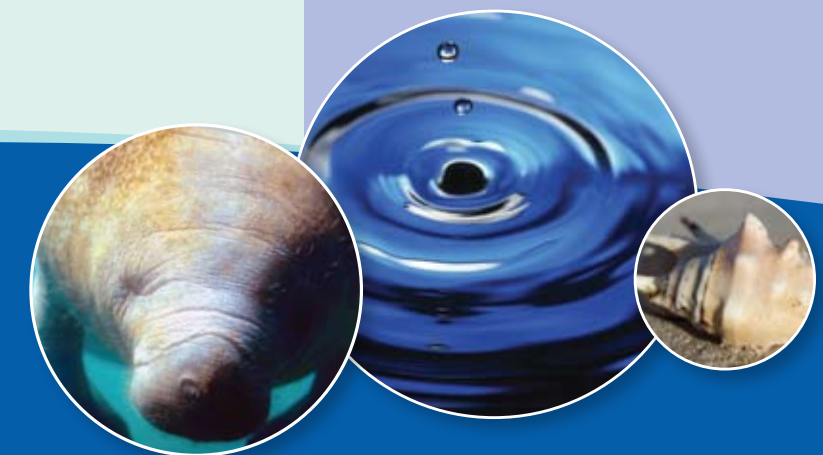
To preview the amazing images to come, visit us at www.teamorca.org, where you can see previously recorded video and experience the scientific discoveries already made from our Eye-in-the-Sea.



ALEXANDRA COUSTEAU
Global Water Advocate

ORCA'S LEADERSHIP WILL CHANGE THE NATURE OF MARINE CONSERVATION

I believe water will be the defining crisis of our century — from droughts, storms, and floods to degrading water quality. We inhabit a water planet, and unless we protect, manage, and restore that resource, the future will be a very different place from the one we imagine today. And we won't meet that challenge by just telling people to do something. Today's environmental movement works primarily with low-tech, low-impact tools. We haven't reached out to the public in an inspiring, engaging way. I am working with ORCA to implement cutting-edge communications tools that are truly relevant to people's lives. What has impressed me most is that they have a clear understanding of the challenges they need to tackle now, as well as a well thought out plan for applying the technology of Kilroy into meaningful conservation efforts.



DID YOU KNOW?

LESS THAN 1% OF THE WORLD'S FRESH WATER
(OR ABOUT 0.007% OF ALL WATER ON EARTH) IS
READILY ACCESSIBLE FOR DIRECT HUMAN USE.

"If there is magic on this planet, it is contained in water."

-Loren Eiseley



ORCA COMMUNICATIONS

INCREASING VISIBILITY THROUGH PRINT & WEB

Communicating ORCA's mission and programs are vital to our success on all levels. Funding from the Claneil Foundation has helped us enhance our communications, greatly expand ORCA's website and enlarge our social network. Our goal for 2010 and beyond, is to continue to engage the public to action on behalf of our ocean's plight.

KILROY SOCIETY & LEGACY GIFTING

EXPANDING OUR NETWORK OF DEVOTED DONORS

ORCA's strength relies in large part on donations from individuals who share our vision and are interested in protecting the ocean for future generations. Our family of ORCA™ benefactors includes those who have made a lasting commitment to our ocean, by making generous donations or by naming ORCA as a beneficiary in their

estate plan. ORCA's *Kilroy Society™* and *Legacy Gifting* groups are a way for us to thank our supporters for their thoughtful, and generous show of support for ORCA's revolutionary ocean conservation mission.

These special members are kept informed about our strategies, achievements and challenges in protecting our ocean through e-mail updates and exclusive event invitations.

CREATING YOUR LEGACY... MAKING A DIFFERENCE

ORCA is dedicated to the protection and restoration of marine ecosystems and the species they sustain through the development of innovative technologies and science based conservation action. With support from the National Science Foundation, the Office of Naval Research and donations from concerned individuals ORCA is developing high-tech sensors and communications systems capable of detecting the presence of certain plants, animals and other factors important in evaluating water quality. Such systems will report back to scientists and the public through intuitive website interfaces to better management solutions can be implemented against threats, such as red tides, to healthy marine ecosystems.

CREATE YOUR LEGACY...

- OUTRIGHT GIFTS**
 - CASH** Maximize your charitable deduction and deliver immediate benefits to ORCA's mission.
 - STOCKS** The IRS allows you one of its most significant tax breaks for gifts of appreciated securities. ORCA will sell your securities and use the proceeds to benefit ocean conservation.
 - RETIREMENT ASSETS** Donate to ORCA with a tax-free distribution from your IRA.
 - DONOR ADVISED FUND** A convenient and flexible way to manage your charitable giving and a cost-effective alternative to establishing a private foundation.
 - PERSONAL PROPERTY** Donate books, artwork or equipment and get an immediate gift credit and income tax deduction.
- WILLS & TRUSTS**
 - BEQUESTS** You can provide now for a future gift to ORCA by including a bequest provision in your will or revocable trust. ORCA receives the gift, and applies it to the purposes you specified.
 - RETIREMENT ASSETS** Name ORCA as the beneficiary of your IRA, 401(k) or other qualified plan. After your lifetime, the residue of your plan passes to ORCA tax-free, escaping both income AND estate tax levied on your retirement account. Leave more favorably taxed property to your heirs. May be amended if circumstances change.
 - LIFE INSURANCE** You can provide now for a future gift to ORCA by naming us as beneficiary of a policy issuing your life. At death the proceeds are paid to ORCA, and we apply them to the programs you have designated, helping future ocean conservation priorities.
- REAL ESTATE**
 - HELP US HELP YOU** Owning real estate brings responsibilities and challenges — and creates wants and needs, especially as your situation changes over time. Real estate gifts can help property owners meet their own needs as well as support ORCA. Our mission can be maintained and grow with the proceeds from real estate that donors permit us to sell. You can even give us your home and continue to live there rent-free!
 - GIFT ANNUITIES** A GIFT FOR YOU AND THE OCEAN Did you know that you can support the world's oceans you love while also providing yourself with stable income and significant tax savings?
- SPECIAL SITUATIONS**
 - CHARITABLE LEAD TRUSTS** Transfer cash, securities or other appreciated assets to a charitable lead trust. The trust makes annual payments to ORCA for a period of time. When the trust terminates, the remaining principal is paid to your heirs.
 - REMAINDER ANNUITY TRUSTS** Transfer cash, securities or other appreciated property into a trust. The trust makes fixed annual payments to you or to beneficiaries you name. When the trust terminates, the remainder passes to ORCA for research and conservation.
 - POOLED INCOME FUND** A life-income gift that works like a charitable-annuity fund. Give us cash or securities, receive an income tax deduction and pay no capital gains tax on the transfer, secure lifetime income, and deliver significant support to us.

"Two roads diverged in a wood, and I — I took the one less traveled by, and that has made all the difference."
— Robert Frost

ORCA
OCEAN RESEARCH & CONSERVATION ASSOCIATION
1400 National Drive • Fort Pierce, FL 34949
www.teamorca.org

Kilroy Society Brochure (top left) & Legacy Gifting Brochure (above)

NETWORKING

WEBSITE DEVELOPMENT & EMAIL CAMPAIGNS

The Internet has both streamlined and supercharged ORCA's educational and marketing efforts, cutting costs while distributing information to ever-wider, more global audiences. Both informative and interactive, ORCA's new website not only helps drive donations, but also involves the public in saving their ocean.

Our e-mail campaigns now drive ORCA supporters old and new to our website to share exciting features like the *ORCA Eye-in-the-Sea™* —the world's first deep-sea web cam—allowing visitors a live video portal to life of the deep sea. Also set to launch is our ORCA online marketplace where visitors can download our Seafood Watch Card, a consumer's guide for smart and sustainable seafood. We ultimately plan to offer an assortment of simple gifts, all proudly branded with the ORCA logo. Visitors may now purchase one of our favorite conservation minded books through our Amazon Associates program with ORCA receiving a percentage of each sale!

We plan to continue to increase our web efforts—to raise both public awareness and the funds to continue to accomplish our conservation mission.

ORCA™ OCEAN RESEARCH & CONSERVATION ASSOCIATION

06.08.09: Time To Make A Difference

WORLD OCEAN DAY
CELEBRATION • RESTORATION • PROTECTION

It's up to all of us to ensure that our ocean is restored and protected today and for future generations.

World Ocean Day began on June 8, 1992 at the Earth Summit in Rio de Janeiro, Brazil. On December 5, 2008, the United Nations resolved that from 2009 onward June 8th would be designated as World Ocean Day. All over the world scientists, politicians, policy makers, managers, students and the general public will get together to devote their attention to the largest body of water on our planet. The ocean is vital to our daily lives, and in its alarming condition: it has never deteriorated so much and so quickly as in the last five years. Fish populations are falling sharply; coral reefs are dying; and pollution continues to threaten marine life. We must act now to reverse this terrible trend.

The Ocean Research & Conservation Association (ORCA) is taking on the challenge to stop water pollution in its tracks. To do this we are developing high tech, yet low cost sensors and communications systems that will revolutionize water monitoring and habitat restoration by providing real-time and open-source water quality information. ORCA will soon be providing scientists, regulatory agencies, stakeholders, and concerned citizens with access to this data through intuitive website interfaces showing where water pollution enters our fragile marine ecosystems so it can be stopped.

But we need your help now! Due to the global economic downturn, foundation and government funds for ORCA's cutting edge work has bottomed out. Please join the growing ranks of individuals who are now directly supporting ORCA's mission. Large and small, these gifts are vital to the success of ORCA's effort to protect the ocean for future generations. We thank our supporters around the world for their thoughtful, selfless and generous support for the ocean, our planet's most valuable natural resource.

Yes! I'd like to help ORCA & learn how I can start making a difference today!
www.teamorca.org

The mission of the Ocean Research & Conservation Association (ORCA) is to protect and restore marine ecosystems and the species they sustain through the development of innovative technologies and science-based conservation action.

World Ocean Day E-mail Campaign



GEORGE JONES
Indian Riverkeeper

KILROY DEPLOYMENT IS A HUGE STEP FORWARD

Deployment of ORCA's Kilroys in the Indian River Lagoon will be a huge step forward for improvement and restoration efforts as well as the quality of life for area residents.

The independent nature of the Kilroy data is essential as is its availability to everyone. Too many environmental issues become politicized through lack of shared information. I can think of no higher priority than putting a Kilroy network to work in the Indian River Lagoon and believe it will become a model for other Waterkeepers with the International Waterkeeper Alliance to use in the protection and defense of their water bodies. We all need to demand clean water, and Kilroy will help us transform the Federal Clean Water Act from a hard-to-enforce document to the standard that all water-related actions must meet.

DID YOU KNOW?

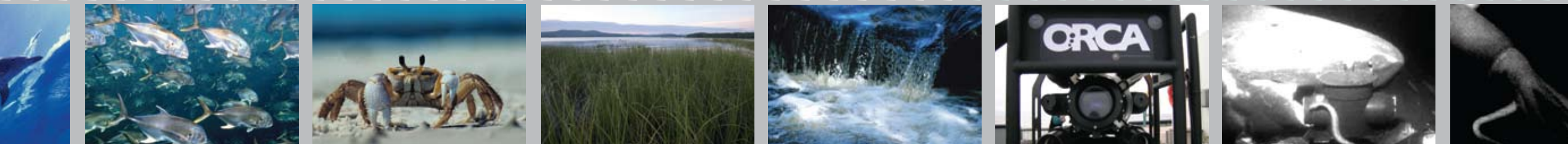
THE OCEAN COVERS 71% OF THE EARTH'S SURFACE AND CONTAINS 97% OF THE EARTH'S WATER. LESS THAN 1% IS FRESH WATER, AND 2-3% IS CONTAINED IN GLACIERS AND ICE CAPS.

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'08-'09 FINANCIAL REPORT

In 2008, ORCA generated revenues from a balanced array of government agencies, private foundations and individuals. This healthy diversity of support enabled us to close our 2008 fiscal year with an operating surplus. As with most companies—commercial and nonprofit alike—the global economic downturn of 2009 presented significant challenges. Multi-billion-dollar shortfalls in Florida's state budget left little room for the state's environmental agencies to continue their support of our Kilroy program. However, ORCA's growing group of individual and foundation supporters rose to the challenge, almost entirely overcoming shortfalls in government funding targets. Additionally, the surplus of 2008 helped cover the 2009 shortfall. Despite these difficult economic times, ORCA has grown much stronger since its inception in 2005. Today, we employ 14 full- and part-time staff (two are full-time volunteers) and draw on the services of several professional consultants and volunteer advisors. And still our programmatic efficiency remains extremely high (especially for a new, technology-driven nonprofit) with 85 cents of every dollar spent on programs.

ADVISORY BOARD MEMBERS

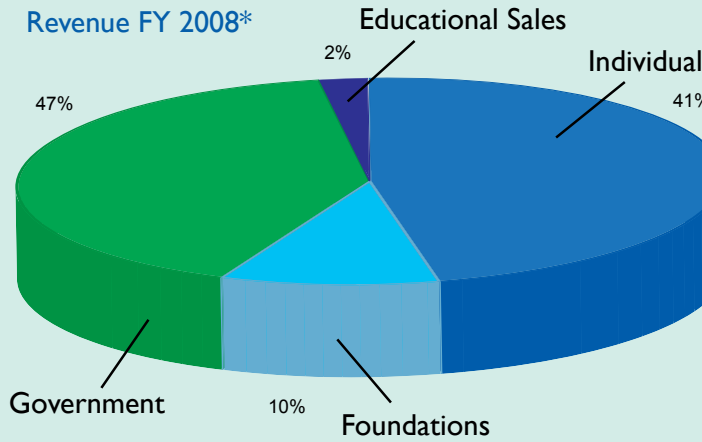
- George Buckley
-Assistant Director of Environmental Management Programs, Harvard University Extension School
- Chuck Bartelbaugh
-Founder and Director, Center for Wildlife Information
- Wendy Bromley Bodden *-Independent Media Consultant*
- Paul Boyle, Ph.D. *- Founder of the Ocean Project*
- Mary Chapman, Esq. *-Environmental Advocate Attorney*
- Alexandra Cousteau *-Global Water Advocate*
- Clive Daem *-Resort Operator*
- Rear Admiral Thomas Q. Donaldson, V, U.S. Navy (Retired)
- Anne Doubilet *-Photographer/Writer*
- Sylvia A. Earle, Ph.D. *-American Oceanographer*
- Joseph Godfrey, III *-Financial Consultant*
- Visko Hatfield *-Photographer*
- Perrin Ireland *-Duerr Scholar/Brown University*
- Nancy Knowlton, Ph.D.
-Sant Chair for Marine Science, Smithsonian Institution
- Kimball Love
-Renewable Energy/Sustainable Ecosystem Specialist
- Gary Machlis, Ph.D.
-Science Advisor to the Director, National Park Service
- Justin Marshall, Ph.D. *-President, Australian Coral Reef Society*
- Claire Nouvian
-Author of The Deep: Extraordinary Creatures of the Abyss
- Milbry Polk, Ph.D.
-Co-Founder & Executive Director, Wings Worldquest, Inc.
- Senator Ken Pruitt
-Past Senate President (2006-2008), Florida Senate
- Richard Spinrad, Ph.D. *-Assistant Administrator, NOAA*
- Peter B. Stifel, Ph.D.
-Associate Professor Emeritus, University of Maryland
- Baxter Urist *-Education Consultant*
- Bernie Witter *-Former Chief Operating Officer, Dechert, LLP*
- Charles Yentsch
-Founder, Bigelow Laboratory for Ocean Science

MAJOR SUPPORTERS

All of us at ORCA™ wish to thank our major supporters. Without your ongoing leadership and generous funding, ORCA could not have sustained our revolutionary conservation technology development. We could not have communicated the necessary conservation actions to such diverse audiences, nor could we have cultivated those relationships so vital to a young non-profit's success. Working together, we are taking action now to reverse the distressing trend of marine ecosystem degradation. Thank you!

- | | |
|---|---|
| Alex G. Nason
Foundation, Inc. | Ms. Leila Hadley Luce |
| Anonymous | Mellam Family Foundation |
| Bay Branch Foundation | National Oceanic and Atmospheric Administration |
| Dr. Steven Bernstein | National Science Foundation |
| Dr. and Mrs. Jim Case | Office of Naval Research |
| Claneil Foundation, Inc. | Prentice Foundation, Inc. |
| Community Foundation for Palm Beach and Martin Counties | Sand Dollar Fund |
| Disney Worldwide Conservation Fund | The Springbank Foundation |
| Mr. and Mrs. John Duerr | St. Lucie County |
| Educational Foundation of America | Strategic Diagnostics, Inc. |
| Florida Fish and Wildlife Conservation Commission | Mr. and Mrs. David Welles |
| Mr. Visko Hatfield | Dr. Edith Widder and Mr. Dave Smith |
| Indian River State College | William and Karen Tell Foundation |
| Dr. and Mrs. Henry Jordan | Zero Gravity |

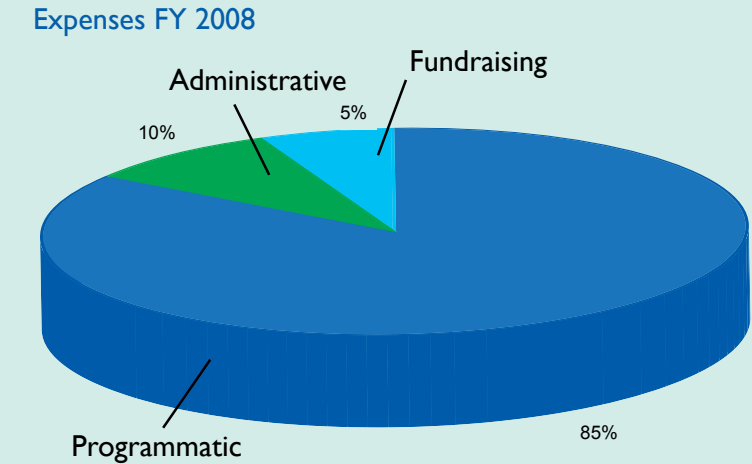
2008 FINANCIAL SUMMARY



Sources of Income

Charitable Contributions	
Individuals	\$661,576
Foundations	\$155,991
Government	\$758,611
Educational Revenue	\$36,034
Total Income	\$1,612,212

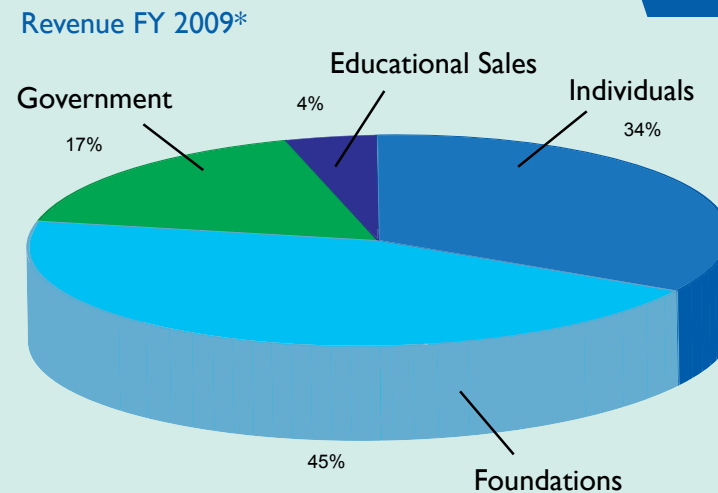
* Revenue is reported on a cash basis.
42% of donations restricted, 58% unrestricted.



Expenses

Program Activities	
Research & Development	\$772,842
Conservation Programs	\$124,596
General & Administrative	\$107,454
Fundraising	\$46,725
Total Expenses	\$1,051,617

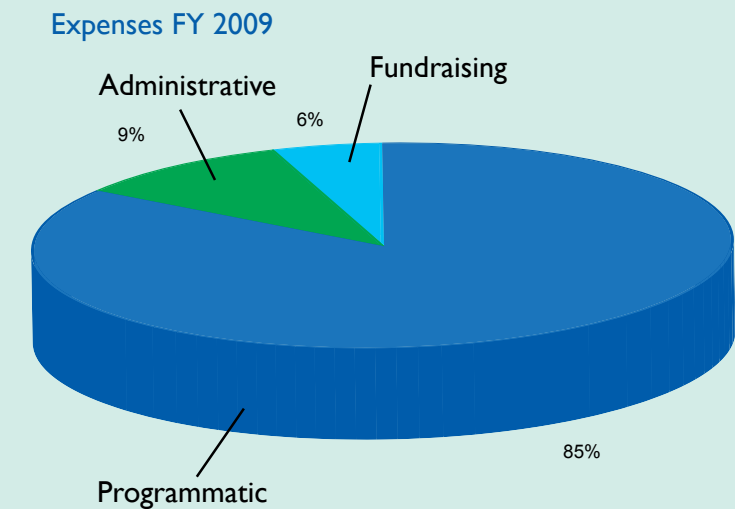
2009 FINANCIAL SUMMARY



Sources of Income

Charitable Contributions	
Individuals	\$340,908
Foundations	\$451,345
Government	\$174,936
Educational Revenue	\$43,117
Total Income	\$1,010,306

* Revenue is reported on a cash basis.
41% of donations restricted, 59% unrestricted.



Expenses

Program Activities	
Research & Development	\$934,846
Conservation Programs	\$110,658
General & Administrative	\$105,751
Fundraising	\$70,329
Total Expenses	\$1,221,584

RESEARCH

ACTION

TECHNOLOGY

CHALLENGE

KILROY

EYE-IN-THE-SEA

FAST ASSESSMENT OF SEDIMENT TOXICITY

FAST

LAND TO SEA INITIATIVE

CONSERVATION

CLEAN WATER ACT
ENFORCEMENT

PHILANTHROPY

INNOVATION



Duerr Laboratory for Marine Conservation • 1420 Seaway Drive • Fort Pierce, FL 34949 • phone 772-467-1600 • fax 772-467-1602
www.teamorca.org

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