



# Artist Boat Annual Report

September 1, 2010-  
August 31, 2011



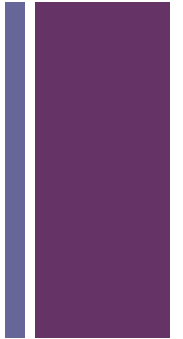
Artist Boat is a 501(C)(3) organization dedicated to promoting awareness and preservation of coastal margins and the marine environment through the disciplines of the sciences and the arts.



Artist Boat was founded in August of 2003 in Galveston, Texas and since inception has:

- Served 50,359 participants with Eco-Art Programs,
- Restored over 25 acres of barrier island habitats,
- Installed 9 low frequency AM Radio stations on campuses, and
- Installed over 43 large scale public art installations.

***During the fiscal year of September 1, 2010 – August 31, 2011  
10,517 participants were served.***



# + Eco-Art Workshops

Eco-Art Workshops provide:

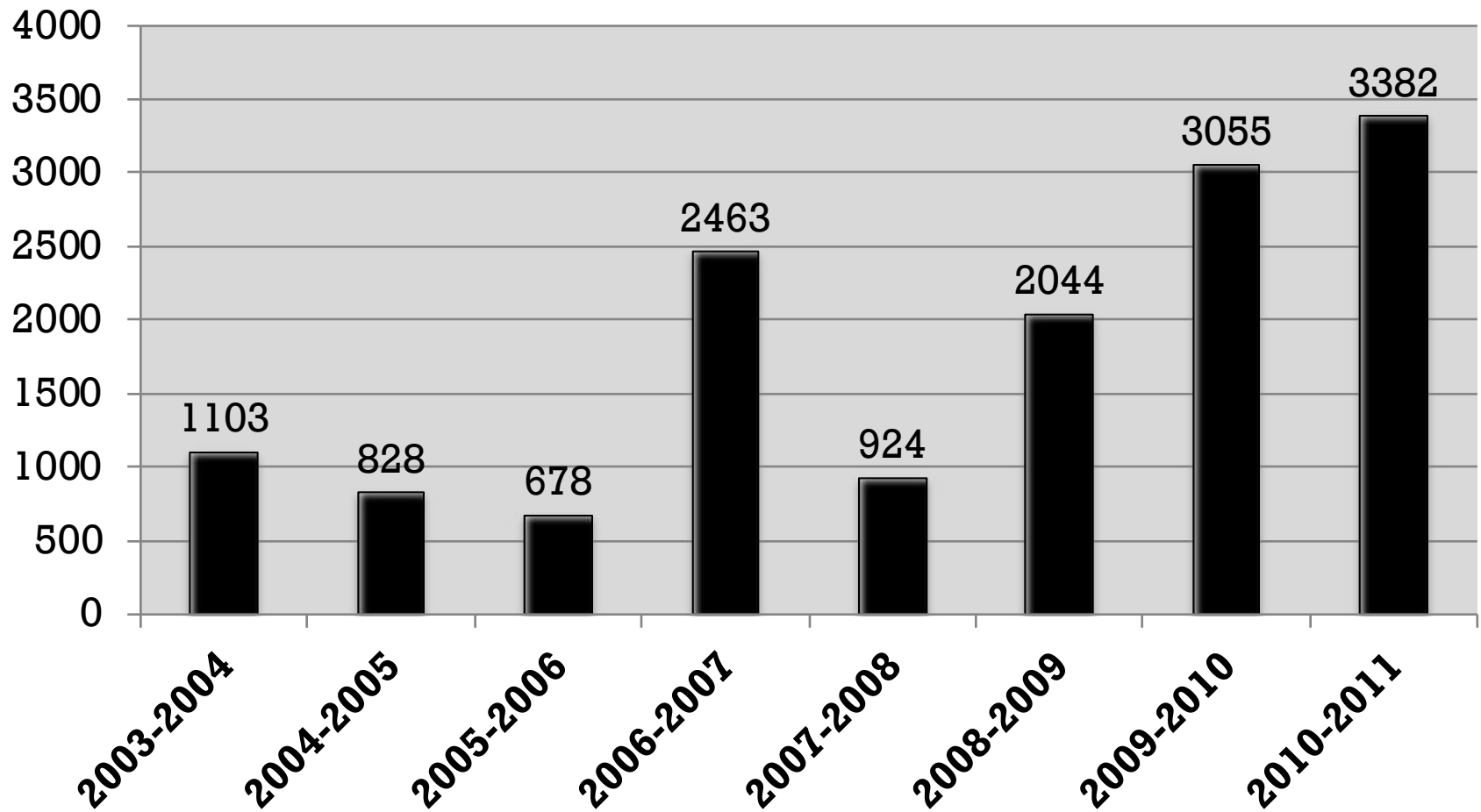
- Educational, hands-on activities about the benefits, multiple uses, non-point source pollution, flora/fauna, and historical perspectives of estuarine systems, barrier islands, and the Gulf of Mexico;
- Demonstration and application of artists' watercolor materials to interpret nature;
- Discussion about formation of barrier islands and river delta formation by deposition of sediments by rivers and oceans;
- Illustration of climatic processes and sea level rise; and
- Introduction to Eco-Art Adventure interpreted tours of estuarine habitats.

***Since inception in 2003 14,477 participants have been served through Eco-Art Workshops  
In this fiscal year 3,382 participants have been served by this program.***





# Eco-Art Workshop Participation 2003-2011





# Science + Action = Gulf Coast Literacy

**(Eco-Art Workshop & Adventure Program,  
Coastal Waters Institute, and Low  
Frequency Radio Station)**

*NOAA Bay and Watershed Education Training  
Grant is a 3 year grant for \$300,000 begun  
in October 2009.*

This grant funds Artist Boat's:

**Coastal Waters Institute**

(40 hour professional development for  
middle school teachers)

**Eco-Art Workshops**

(2 hour in-class program for middle  
school students)

**Eco-Art Adventures**

(4 hours via kayak for middle school  
students)

**Low-Frequency Radio Stations**

(7 schools receive training and  
technology to launch and maintain a radio  
station broadcasting ocean literacy  
content)



This grant covers the regions of the  
**Galveston Bay Estuary System, Mission  
Aransas National Estuarine Research  
Reserve, and the Barataria Terrebonne  
National Estuary**

***This grant has served 14,679 participants  
and provided 660 events, trained 89  
middle school teachers, and produced 4  
low frequency radio stations in Harris  
and Galveston County.***





## Artist Boat's Eco-Art Workshop and Adventure Art Show in Corpus Christi



*This event was held in October and showcased about 200 watercolors that students from Hamlin, Baker, and Rockport Middle School painted during the Eco-Art Workshop Adventure Program held from September through October in the Coastal Bend. This program is funded by the NOAA B-WET grant.*



# + Eco-Art Adventures

Eco-Art Adventures are, four hour field labs via kayak and/or vessel that provide:

- Application of hands-on, real-world interactions that combine art and science in interpretation of the current and historical significance and uses of estuaries, barrier islands, and the Gulf of Mexico;
- Interactions with restored and natural salt marshes interpreted by a marine scientist and an artist guiding participants in the personal interpretation of their experience and the wetland ecosystem through the use of watercolors in situ;
- Discussion designed to reinforce knowledge and awareness of the major functions of wetlands, multiple uses of estuaries, economic benefits to humans provided by estuaries, and the flora and fauna of the local ecosystem;
- Introduction of traditional sampling tools used to collect biotic and abiotic data;
- Formation of vocabulary and tools used by restoration scientists, fisheries biologists, and natural resource managers.

***Since inception this program has served 13,684 participants and in this fiscal year this program has served 3,034.***





# Eco-Art Adventures

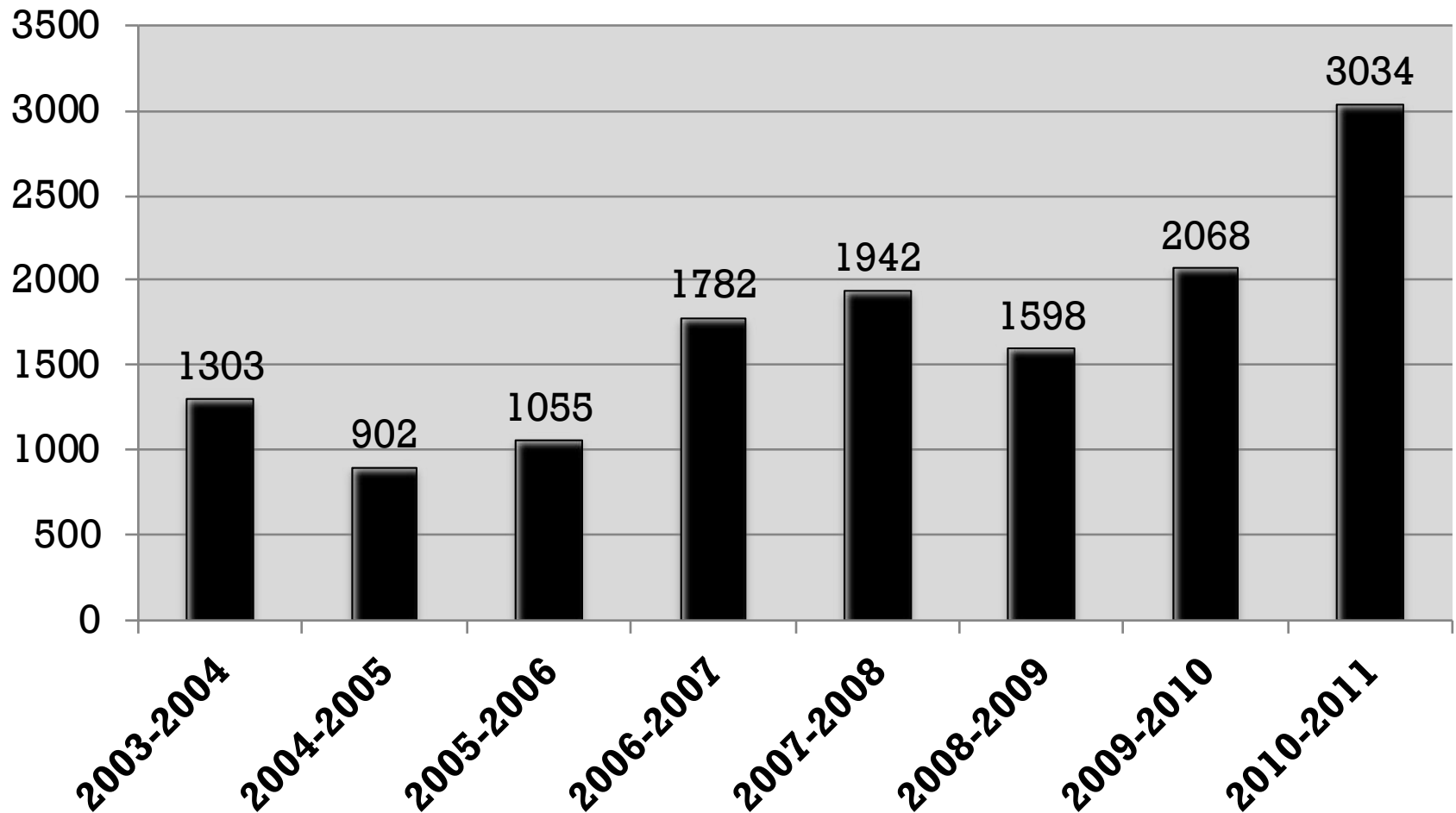
*Students learn how to work as a team paddling, measuring water quality, and observing nature.*







# Eco-Art Adventure Participation 2003-2011





# Coastal Waters Institute

Coastal Waters Institute is a week long professional development during the summer that provides pre-service and in-service credit for faculty in Art, Math, Science, Social Studies, and English.

Artist Boat has:

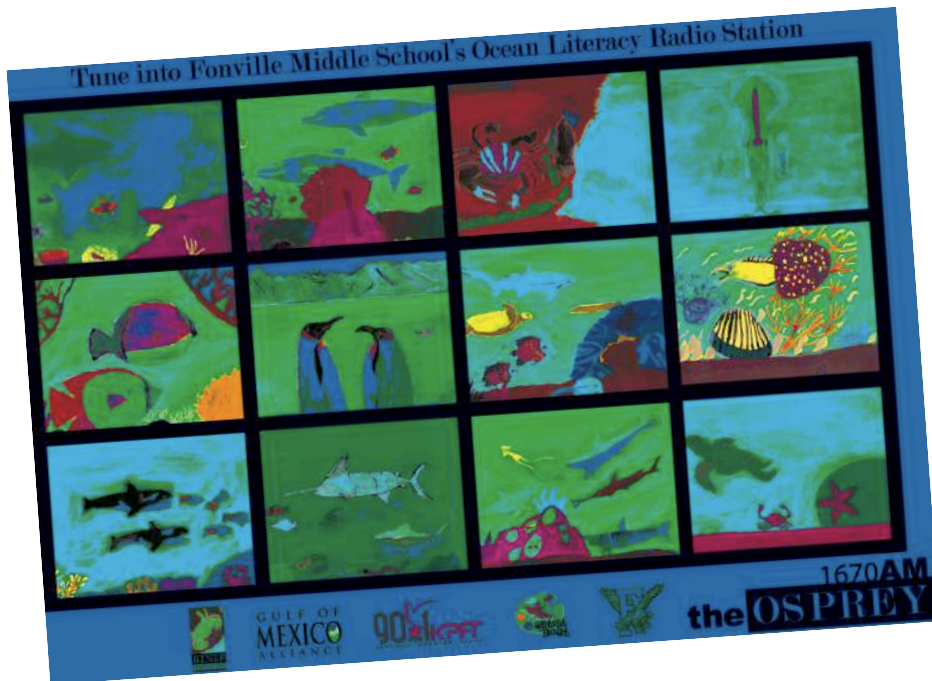
- Developed, implemented, and provided a Coastal Waters Institute for Art, Science, English, Social Studies, and Math teachers to train middle school teachers to utilize experiential learning cycles, NOAA data tools, Eco-Art Pre/Post Activities and Environmental Literacy Test in the classroom to promote science/ocean literacy.
- Given teachers the tools necessary to deliver all lessons, create a culminating display for the entire student body to experience on their campus, and utilize a low frequency AM station to provide Ocean messages to their local community delivered by students

***This program has served 89 middle school teachers since October 2009 through funding from NOAA B-WET and the Texas Education Agency***





# Low Frequency AM Station NOAA B-WET



This program was created to provide a student driven media outlet to provide ocean messages to the school's local community of parents, neighbors and business owners, providing a stewardship component that is student and teacher driven. The concept of low frequency radio stations was shared with Karla Klay, Executive Director of Artist Boat, by Dr. Pam Blanchard, an associate professor in the LSU College of Education.

This year, radio systems were installed at:

- The Redd School (private)
- Clifton Middle School (HISD)
- Crenshaw Middle School (GISD)
- Ambassadors Preparatory Academy (charter)

# + Public & Private Eco-Art Adventures

- Eco-Art Adventures are offered through a calendar of events and private bookings. Private bookings are from non-profits, families, groups, universities, and other institutions.
- This program provides a way for people K-Grey to participate in Artist Boat's most recognized outdoor education program on the Gulf of Mexico through other mechanisms of funding than grants.
- This program receives annual marketing grant from the City of Galveston through the Arts and Historic Preservation Committee.
- Additionally, this program has been supported by the Galveston Bay Estuary Program and the US Fish and Wildlife Service Coastal Program.

***Artist Boat has served 6,997 participants through this program since inception and 2,382 during this fiscal year***



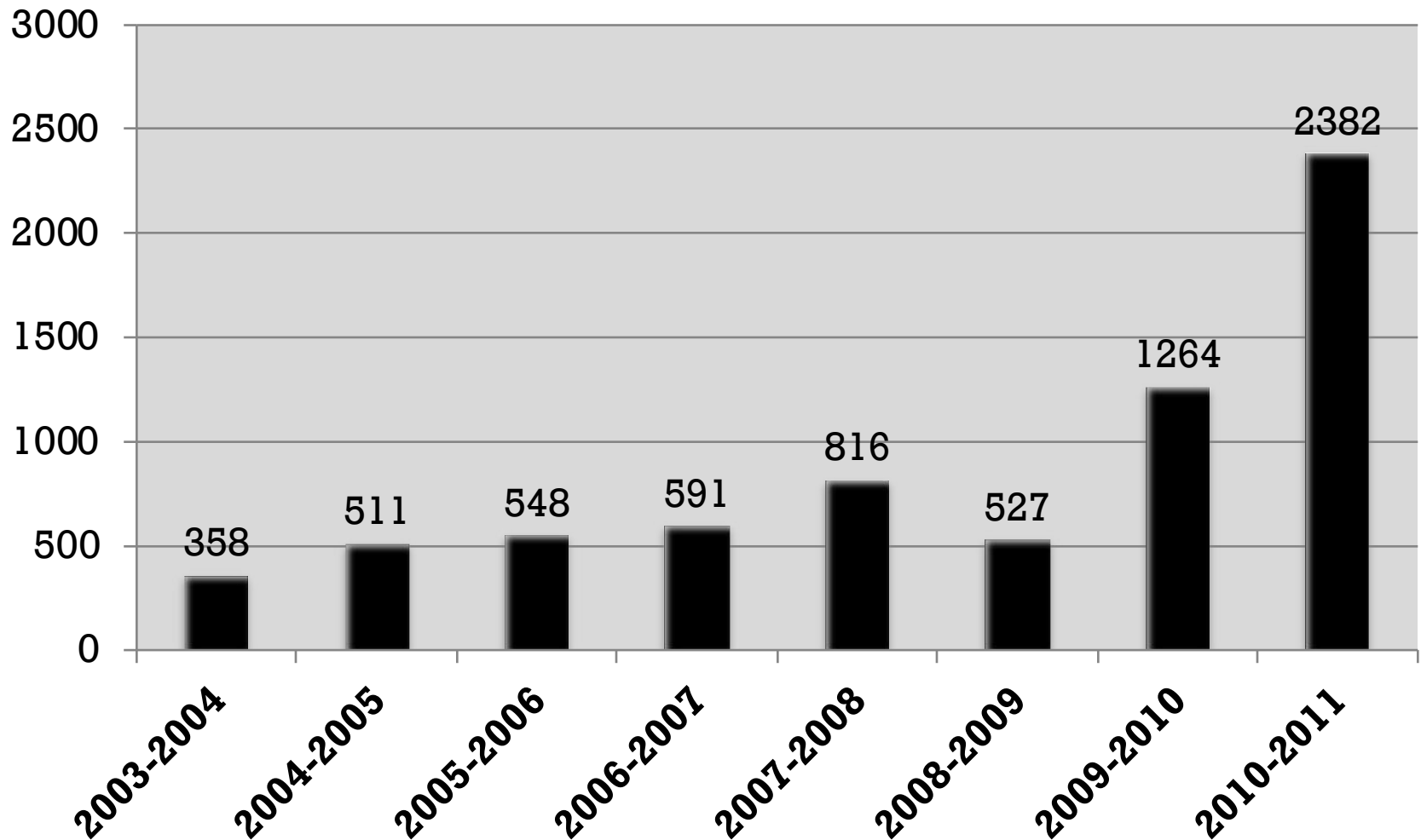
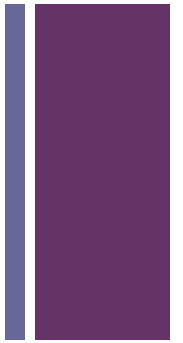




Artist Boat has three fleets of kayaks. Each fleet is able to float 25 participants, two guides, and a volunteer. This means that each day Artist Boat has the capacity to bring 75 participants into direct contact with estuarine + environments.

*One fleet was purchased directly, the Galveston Bay Estuary Program provided a grant for the second fleet, and the NOAA B-WET grant provided grant funding for the third fleet. Each fleet costs about \$30,000 to replace. Each is equipped with personal floatation devices, paddles, safety gear for guides, first aid kits, and repair kits.*

# + Public & Private Eco-Art Adventure Participation 2003-2011



# + Habitat Restoration Adventure Program

The Habitat Restoration Adventure Program began in 2007, served 1,360 participants and restored 3.7 acres of sand dunes and 2.8 acres of wetlands with a grant from the Gulf of Mexico Foundation. This program provides an opportunity for people K-Grey to participate in service learning.

In September of 2009 Artist Boat was awarded a Texas Parks & Wildlife Department COOP grant for habitat restoration at Galveston Island State Park for \$50,000. This project provided opportunities for two middle schools in Galveston to participate in restoration of 10 acres of coastal prairie affected by Hurricane Ike at Galveston Island State Park through a service based learning project during the 2009-2010 school year.

10,000 plants were grown, 10 acres of prairie were restored, 1,150 volunteers participated and contributed 4,600 hours of service to Galveston Island State Park.

The Texas Parks & Wildlife COOP grant was awarded again providing \$50,000 and the United States Fish & Wildlife awarded the program with a \$20,000 grant.

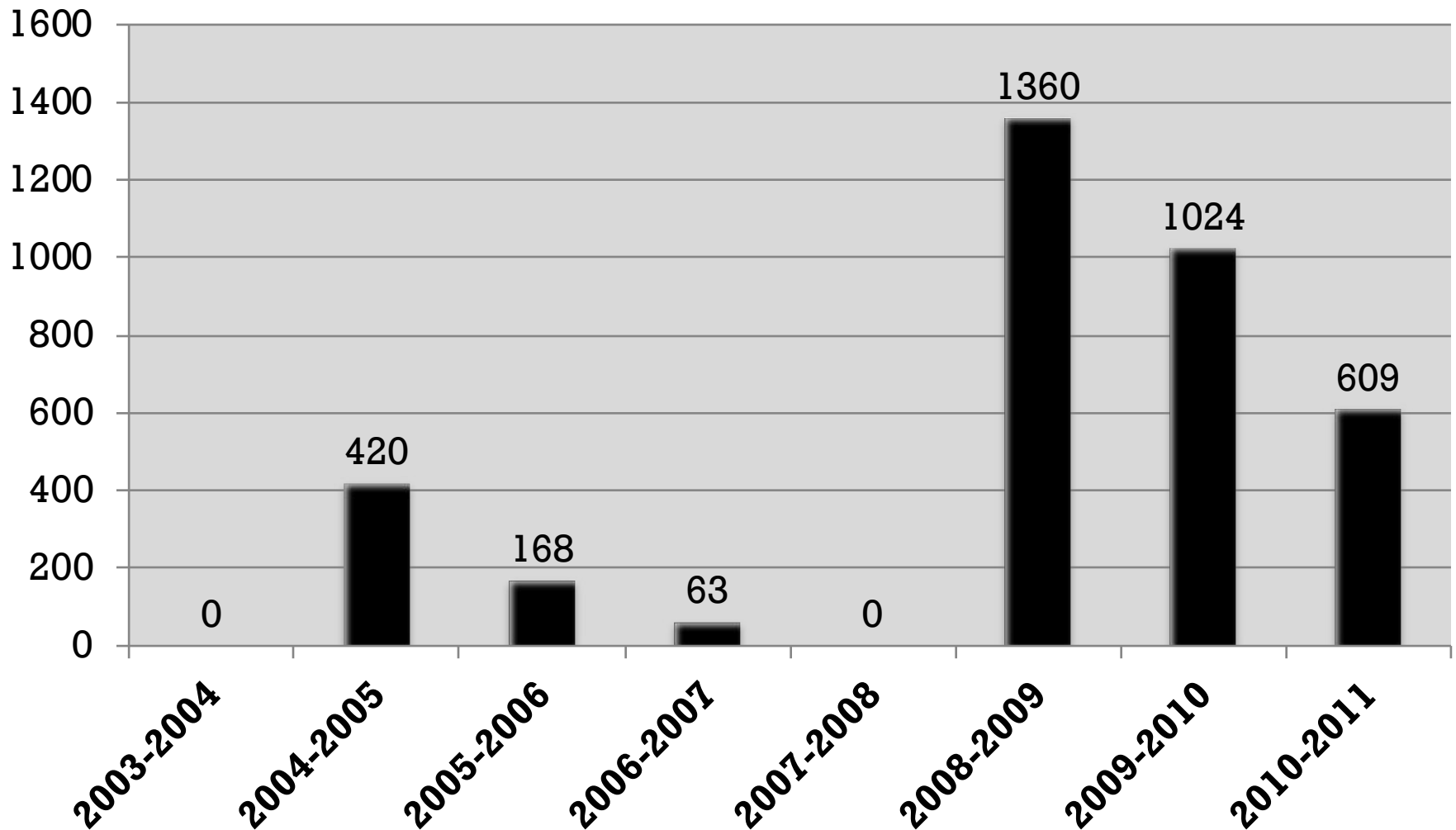
Also this year, the National Fish & Wildlife Service provided a \$70,000 grant for dune restoration on Galveston & Follett's Island. Approximately 40,000 plants were planted on Follett's island, there were 321 volunteers and 9 acres were planted. Schools that participated include:

- Oppe Elementary
- LA Morgan
- Austin Middle School
- Odyssey Academy
- Early College

*A total of 3,644 participants have been engaged in habitat restoration events*



# + SEAC (03-07) and Habitat Restoration Program (07-011) Participation







# Eco-Art Residency

Eco-Art Residencies are delivered to students by Artist Boat resident scientists and artists over the course of after-school programs, summer programs, or for a period during the school year. Residencies typically occur over the course of an academic semester, with a minimum of ten classroom sessions lasting 2.5 hours each. With the help and direction of Artist Boat residents, students have designed and produced murals, mosaics, metal sculptures, campus habitats, and low-frequency radio stations that have become permanent installations on campuses. In cooperation with school communities (students, parents, and staff) throughout the Houston-Galveston region, Artist Boat residents have worked to improve the quality of life and enhance awareness of regional flora and fauna on school campuses through the creation of native gardens and schoolyard habitats.

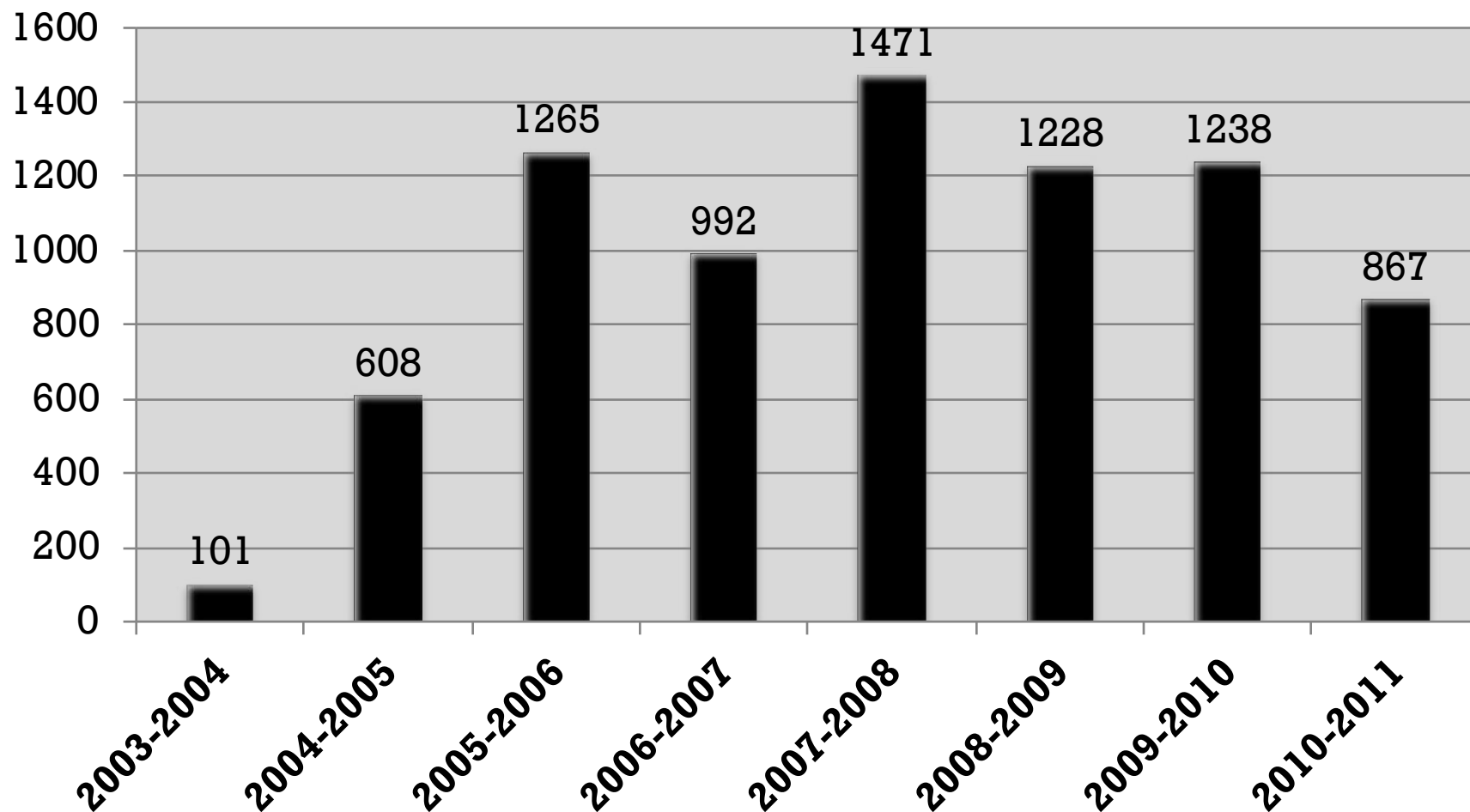
*Since Artist Boat's inception 7,770 students have participated in this program and in 2010-2011 867 students participated in the program*



**Students at Pomeroy Elementary in Pasadena, Texas learning about Gulf Coast Butterfly Morphology**



# Eco-Art Residency Participation 2003-2011



# + Kruse Elementary

African American	Hispanic	Caucasian	Asian	Other	Children (<12)	Children (12-18)	Female	Male
0	67	5	0	0	72	0	44	28

Kruse & Garfield Elementary were both funded through one grant from Harris County Department of Education Cooperative for After School Enrichment After School Initiative. Matching funds were provided by Kruse and Garfield Elementary, City of Houston Spark Park, and Pasadena ISD. This Eco-Art Residency was titled, **Life and Resources on the Bays and Bayous Connected to the Gulf of Mexico** and will culminate in two large-scale mosaics (116 square feet and 163 square feet) created by students and an Eco-Art Educator interpreting this topic through National Oceanic and Atmospheric Ocean Literacy Principles for the gateway entries to each campuses SPARK Park. This program integrates the disciplines of the sciences and the arts. SPARK Parks promote beautification of the community and provide a safe haven for families to have access to limited green space in the Pasadena area. SPARK Parks public art gateways created during Eco-Art Residencies promote the life long learning in the community by interpreting natural processes that occur within the local bayou, bay, and gulf ecosystems of the upper Texas coast.

This project is still in progress, awaiting the final installation





# + Garfield Elementary

African American	Hispanic	Caucasian	Asian	Other	Children (<12)	Children (12-18)	Female	Male
5	74	3	2	0	84	0	43	41



This May, Artist Boat's Lisa Recnicek finished installing the first portion of mosaic at the Garfield campus SPARK PARK





# + Sam Rayburn High School

African American	Hispanic	Caucasian	Asian	Other	Children (<12)	Children (12-18)	Female	Male
0	10	1	0	0	1	9	6	5

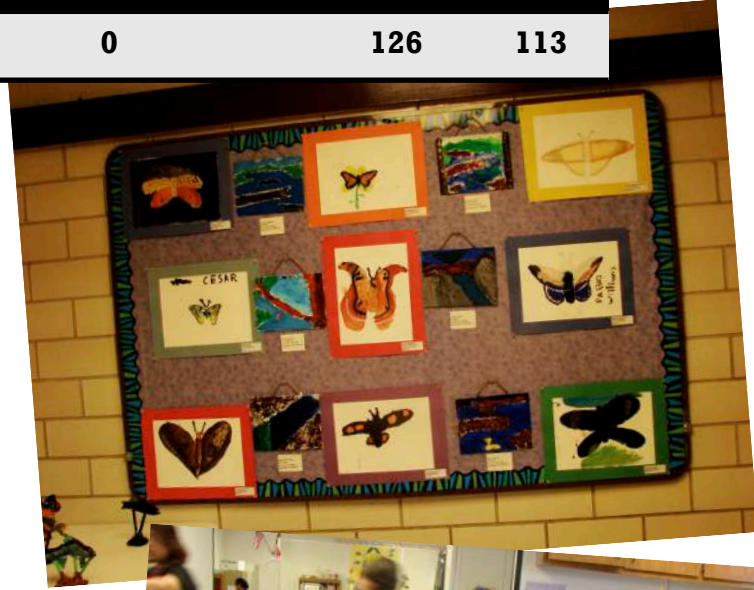


The Sam Rayburn Residency was funded by Harris County Department of Education CASE/ASI, Sam Rayburn, and PISD. This Eco-Art Residency and mural titled “ Natural Resources and the Wealth They Provide” in the summer of 2011 was a partnership between Artist Boat, HCDE CASE/ASI, and Sam Rayburn High School. This partnership enhanced the quality of the 21<sup>st</sup> Century Summer Program at SRHS for 20-25 students in Pasadena ISD (Pasadena HS, Sam Rayburn HS) by having the students create a public work on campus that demonstrated jobs created on Galveston Bay because of the wealth of natural resources in our region.

The program was a project-based learning experience to build technical skills and workforce readiness through the creation of a 160 square foot mural interpreting the use of and conservation of natural resources in the Galveston Bay region. Lessons specifically discussed jobs and the economic benefits in our region directly related to natural resources. Jobs and industry included: petrochemical, fisheries, shipping and the Port of Houston, natural resource management and restoration, maritime management, and scientific community.

# + Pomeroy Elementary

African American	Hispanic	Caucasian	Asian	Other	Children (<12)	Children (12-18)	Female	Male
0	231	7	0	1	239	0	126	113



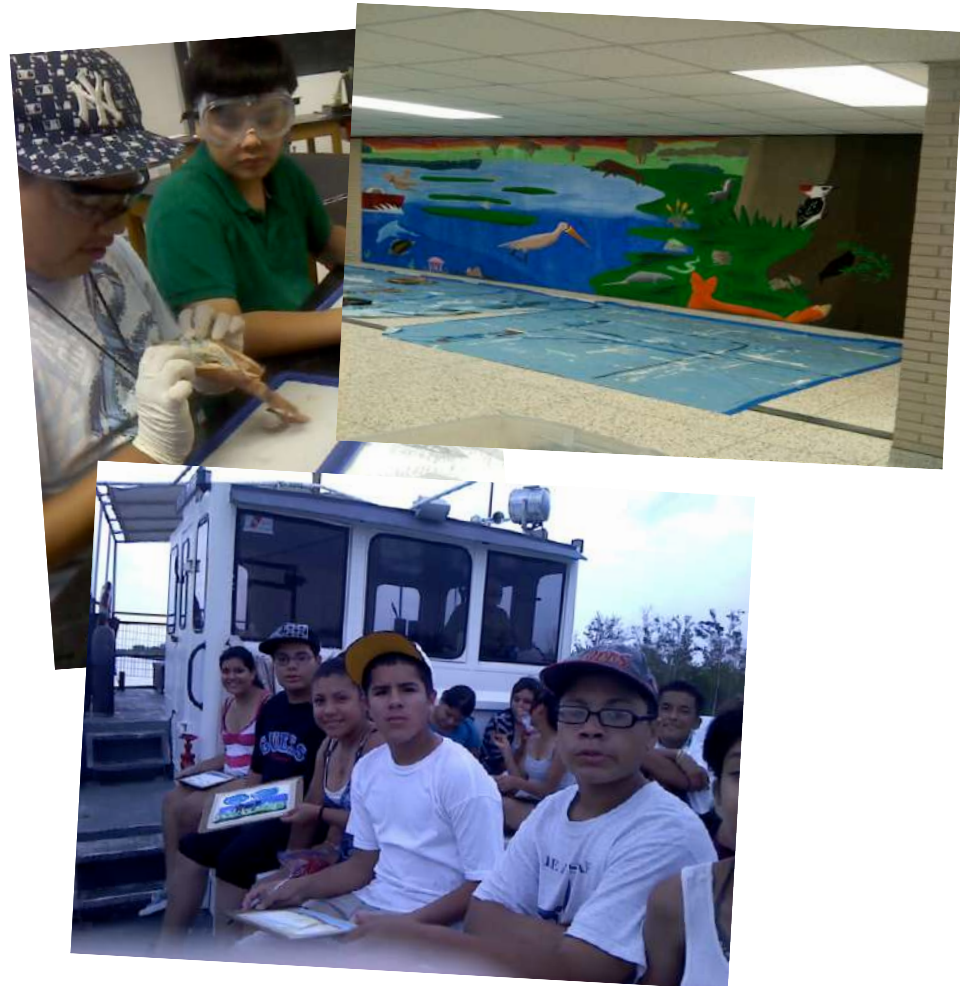
The Pomeroy Eco-Art Residency Program delivered integrated arts & science curriculum to the students of Pomeroy elementary. A total of 239 students completed the following four learning modules: Eco-Art Workshop, I Smell Something Fishy, Wings of Butterflies & Wildlife Wonders. These modules included lessons from fish morphology to textured paintings of species native to Galveston bay. Each week students created a different art piece relating to our ecosystem.





# + Miller Intermediate

African American	Hispanic	Caucasian	Asian	Other	Children (<12)	Children (12-18)	Female	Male
0	24	0	0	0	1	23	12	12



Throughout this residency students worked with scientists and an artist to understand and convey the different ecosystems and organisms seen throughout the Galveston Bay region when traveling from river to sea. Students conducted hands-on lessons to gain knowledge of Galveston Bay and then used that knowledge to create an 8 feet X 20 feet mural. At the end of the course students celebrated their collaboration in order to create a mural that is permanently displayed in the school halls.

The students of Miller Intermediate completed the four following learning modules:

- Eco-Art Workshop – Science of Galveston Bay with grayscale using sketch and wash pencils and 9 x 12 inch watercolors of native animals to the region.
- Coastal Waters Institute Environmental Curriculum – cross-curricular, experiential learning lessons to understand processes of the Galveston Bay region
- Coastal Butterflies – Morphology and Migration of Butterflies – Students did learn about butterflies found on the prairies of the Galveston Bay region and did create a 9 X 12 inch watercolor/pastel mixed media of butterflies. Real Specimens will be shown in the classroom.
- Invertebrate vs. Vertebrate Dissection – Sharks, Squid, and starfish dissections

# + Sea Camp Summer 2011

African American	Hispanic	Caucasian	Asian	Other	Children (<12)	Children (12-18)	Female	Male
13	22	7	0	0	0	42	30	12

This Summer, students from Ball High School came together to learn and paint a mural about the five sea turtle species that are found in the Gulf of Mexico. This mural was created through the Artist Boat's Eco-Art Residency program by high school students in the Galveston ISD Sea Camp program at Texas A&M University in Galveston. Artist Boat's Eco-Art Residency was funded by Texas Education Agency in order for students to earn an Aquatic Science credit over a four week period on campus







# Professional Development

Artist Boat Staff has developed several curricula, which have been published by collaborating organizations for use by educators throughout the Houston-Galveston region. Professional Development workshops have been developed to accompany these curriculums and range from two to five day trainings.

These include:

“Habitat Hopping an Interpretive Trail with Children through the Coastal Margins of Texas” – An Adventurous Educators Guide to the San Jacinto Battleground State Historic Site’s Habitats and Interpretive Trail

FotoFest Literacy Through Photography

“Just a Drop – Water Curriculum 2003 – 2004.”

Bolivar Habitat Preserve Field and Curriculum Guide for Educators

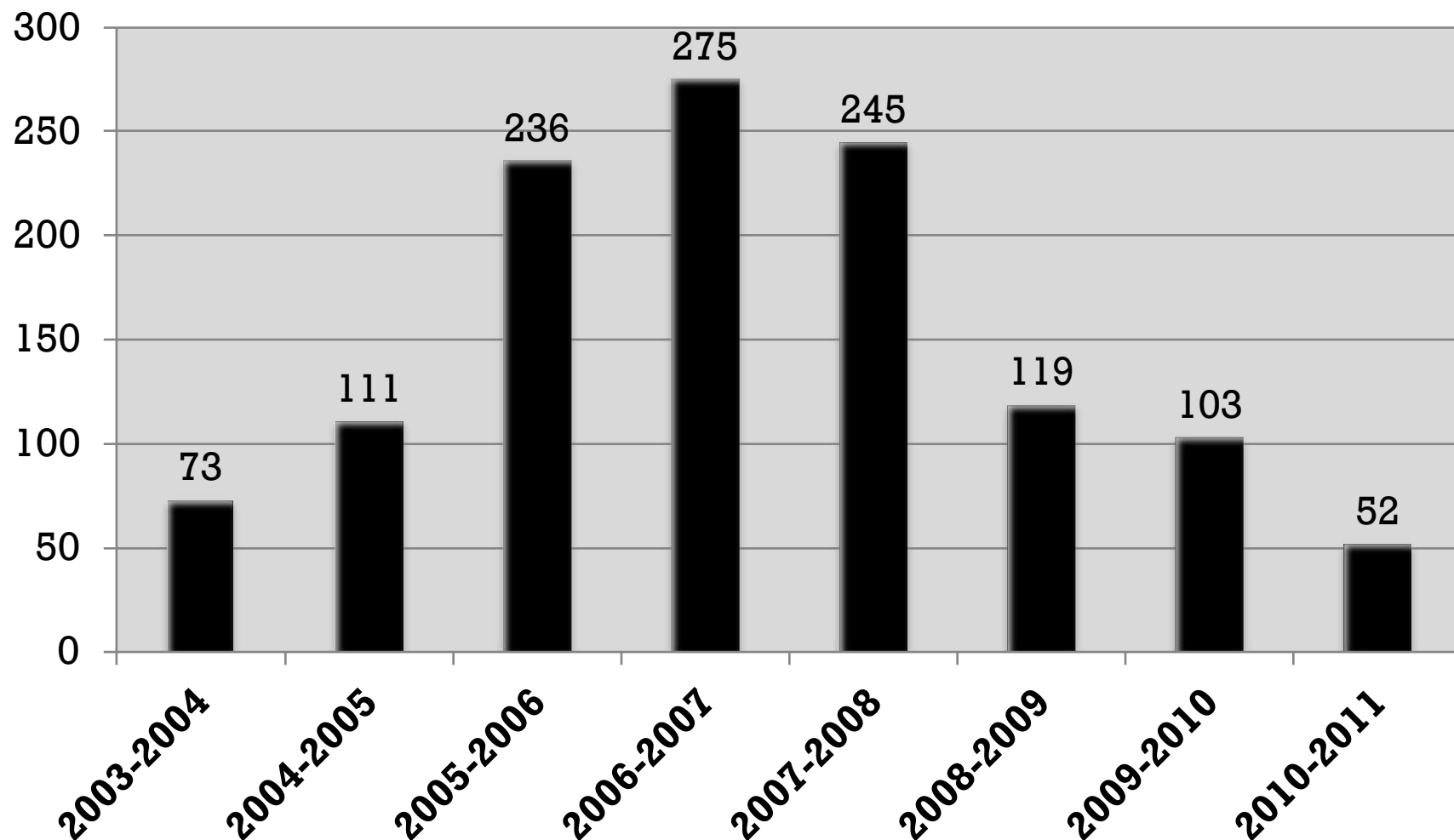
Coastal Waters Institute Curriculum - For Galveston Bay Estuary System, Barataria Terrebonne National Estuary System, and the Mission Aransas National Estuarine Research Reserve.

Additionally, Artist Boat regularly presents to teachers Science + Art = Partner, I Smell Something Fishy, and Monarch Migration and Life Cycle. These are three hour professional development trainings. Artist Boat works frequently as a consultant training teachers in magnet and enrichment programs to design hands-on and project based learning modules for presentation to their student bodies.





# Professional Development Participation 2003-2011





# Settegast Coastal Heritage Preserve

The Settegast Coastal Heritage Preserve project is envisioned as a conservation area of approximately 360 acres of land on West Galveston Island adjacent to West Bay, which is part of the Galveston Bay system, an estuary of national significance. This project is critical piece in the West Bay Corridor Initiative, a multi-agency program to protect and restore critical habitats around West Bay. This area represents the essence of bay coastal margin on Galveston Bay, with a full suite of habitats, from open bay water to salt, brackish, intermediate and fresh marsh, tidal flats, and upland prairie. It also exhibits a mix of ecologic, conservation, recreation, historic, and aesthetic values.

The acquisition plan for this project is a multi-phased plan with with multiple partners for funding and implementation, including Artist Boat and the current landowner, Marquette Galveston Investment.





# Settegast Coastal Heritage Preserve & Artist Boat



Initially the preserve would be a combination of habitat preservation and a launching platform – for kayak adventures, for walking tours, and for volunteer conservation initiatives.

An intermediary phase could involve restoration, plus development of trails, boardwalks, viewing platforms, improved kayak access, parking, and interpretative signage.

Eventually, the preserve will provide a site for a building that will house facilities for Artist Boat and the community, including laboratory facilities, classrooms, meeting space, environmental arts gallery, dormitories for overnight stays, administrative offices.



# + Shell Internship



**Courtney Brown of University of Texas at Arlington spent the summer of 2009 assisting with kayak adventures.**



**Leah Tapley of Louisiana State University spent the summer of 2010 assisting with Project SIT and did a sidewalk art demonstration during Artwalk.**



**Zachariah Hutchinson of Northwest Missouri State University spent the summer of 2011 assisting with Eco-Art Kayak Adventures, Coastal Waters Institute, and the Galvez Mural.**



# Outreach

This year we hosted a very large outreach event with National Marine Sanctuaries Flower Gardens Bank, National Forest Service, and artist Wyland called Forests, Ocean, Climate, and Us. Over 14 agencies and non-profits hosted booths, 100+ people came and painted the FOCUS Mural, and witnessed Aztec dancers and live reptiles.

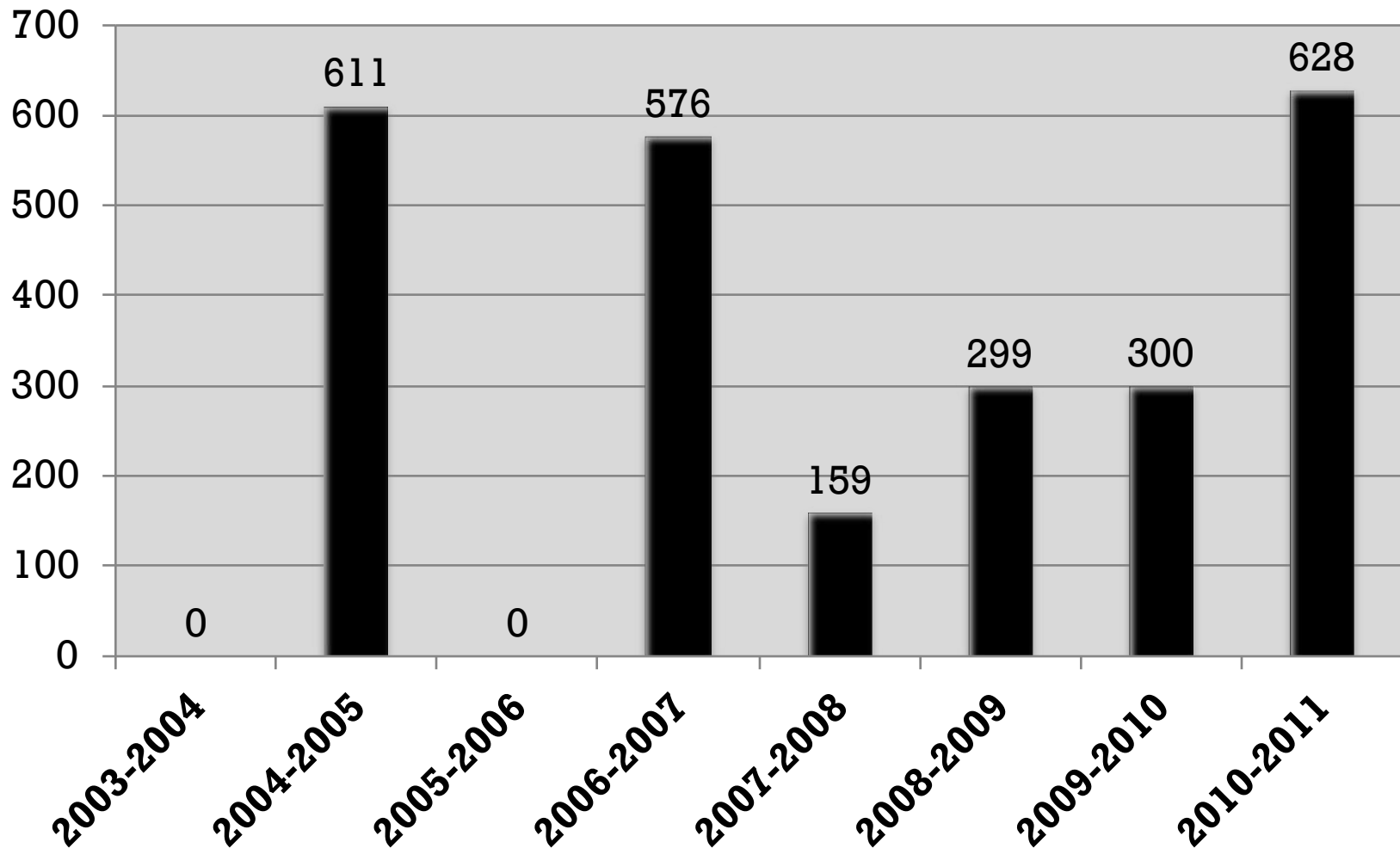
Other Outreach events this year include:

- Young Audiences of Houston
- Plug into Outdoors
- Texas A&M University at Galveston Preview Weekend
- Featherfest
- Fotofest
- University Area Association
- GISD Education Foundation
- Texas Nature Challenge
- Oppe Elementary Carnival & Coastal Expo
- Yaga's Wild Game Cookoff
- Hotel Galvez 100<sup>th</sup> Anniversary Celebration
- Coastal Expo





# Public Outreach Participation 2003-2011





# + Help Float the Boat 2010

Help Float the Boat was held on October 9, 2010 at Old Café Madrid, Jene Adler was the Committee Chair, Alice Ann O' Donnel was the Honorary Chair. Necky Kayak and Jeff Herman of Ocean Kayak Pro Staff donated a 14 foot sea kayak for the raffle and this raised over \$2,500. In total businesses donated \$25,401.95 in retail goods to the event and the auction itself raised \$9,905. The bartenders and the wine raised over \$500 in tips.

***The event itself raised \$12,905.00***







# A Green Race for a Blue Planet

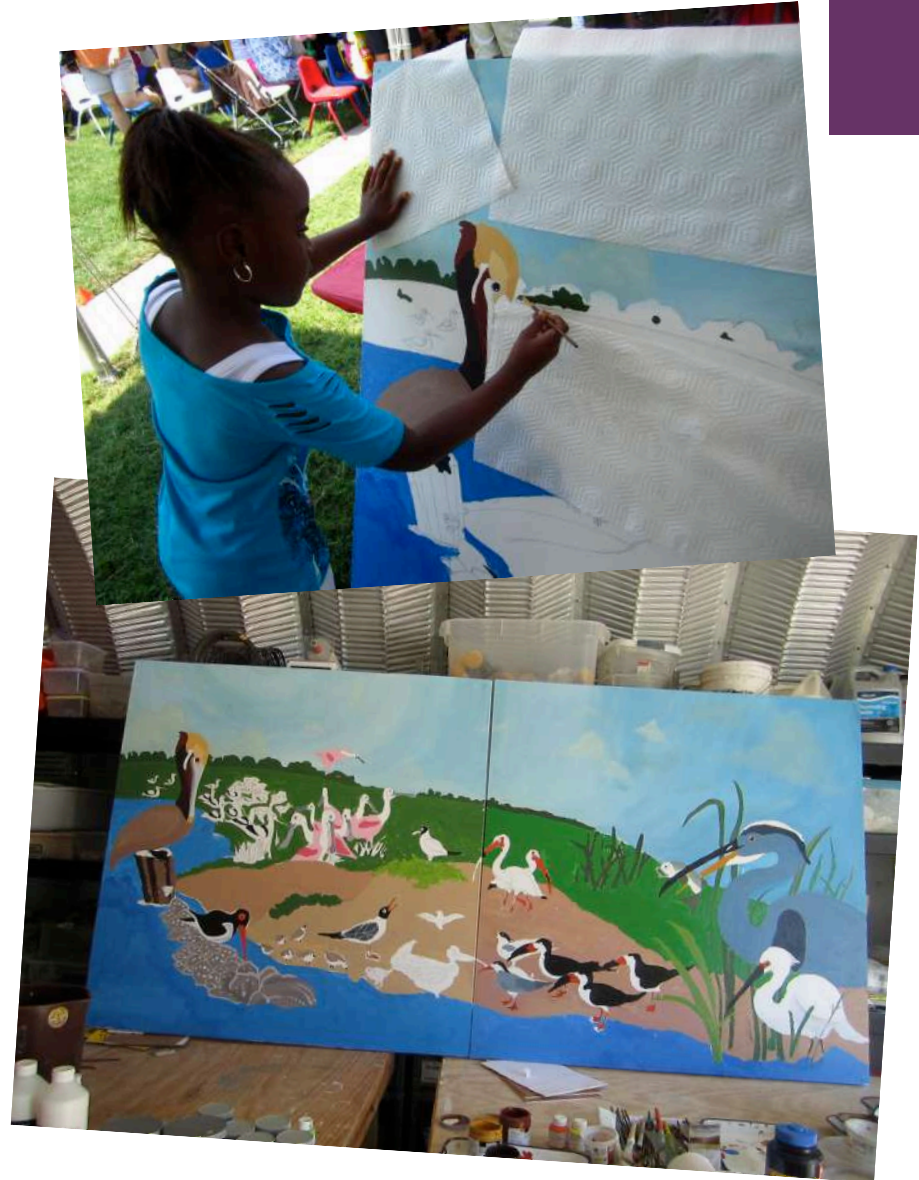
The Galveston.com 5K and Eco Duathlon was held Saturday, March 26, 2011. There were two races held that day a Run/Walk 5K and a Run, Bike, Run duathlon. This event was held at Stewart Beach Park in Galveston, TX. Over 450 racers participated in the event, 50 volunteers fed & watered racers. Thirty sponsors supported the event. This event was the first time Artist Boat participated in a race. There was no net proceeds or losses & Artist Boat gained visibility through this Green Race for a Blue Planet.





# Hotel Galvez 100<sup>th</sup> Anniversary Mural

A 4 foot by 8 foot acrylic mural was painted based on shorebird ecology. This mural was painted during an event celebrating the 100<sup>th</sup> Anniversary of Hotel Galvez by participants. These participants consisted of community members, hotel guests, and island guests. The concept of this mural was similar to a coloring book allowing a variety of artistic abilities to contribute.

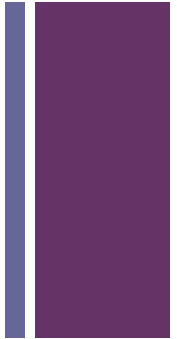


# + Partners



- **NOAA Bay and Watershed Education Training**
- **Texas Education Agency**
- **Texas Parks and Wildlife Department**
- **Harris County Department of Education CASE ASI**
- **Young Audiences of Houston**
- **University of Houston Environmental Institute of Houston**
- **University of Texas Marine Science Institute**
- **University of Texas A&M at Galveston**
- **Blinn College**
- **Fonville Middle School**
- **KIPP Coastal Village**
- **Satori School**
- **Galveston ISD**
- **Galveston County Master Naturalists**
- **NRG**

- **Reliant Energy**
- **Tabitha Foundation**
- **Texas General Land Office**
- **City of Galveston**
- **Cabeza De Vaca**
- **Galveston Bay Foundation**
- **Galveston ISD**
- **Houston ISD**
- **Pasadena ISD**
- **Corpus Christi ISD**
- **Port Aransas ISD**
- **Ft Bend ISD**
- **Shed Conservation**
- **Waterborne Education Center**
- **Chambers ISD**
- **City of Houston SPARK PARK**
- **City of Galveston Parks Board**
- **McGovern Foundation**
- **Johnson Ohana Foundation**
- **United States Fish & Wildlife Coastal Program**
- **National Fish & Wildlife Foundation**





# Board Members



## ■ Current Members:

- Terry Conrad, President
- Kristopher Benson, Treasurer
- Susan Persons, Secretary
- Mary Lou Klay
- Caleb Crow
- Robert Young
- Mort Voller
- Betty Massey

## ■ Former Members:

- Tom Motley
- Susan Knock
- John Frannae
- Cheryl Henry
- Debbie DeVore
- Jay Rooker
- Bernd Wursig
- Peter Davis
- Charlie Rogers
- Patty Edwards
- CD Romero
- Jene Adler
- Martha Terrill





# Staff Members

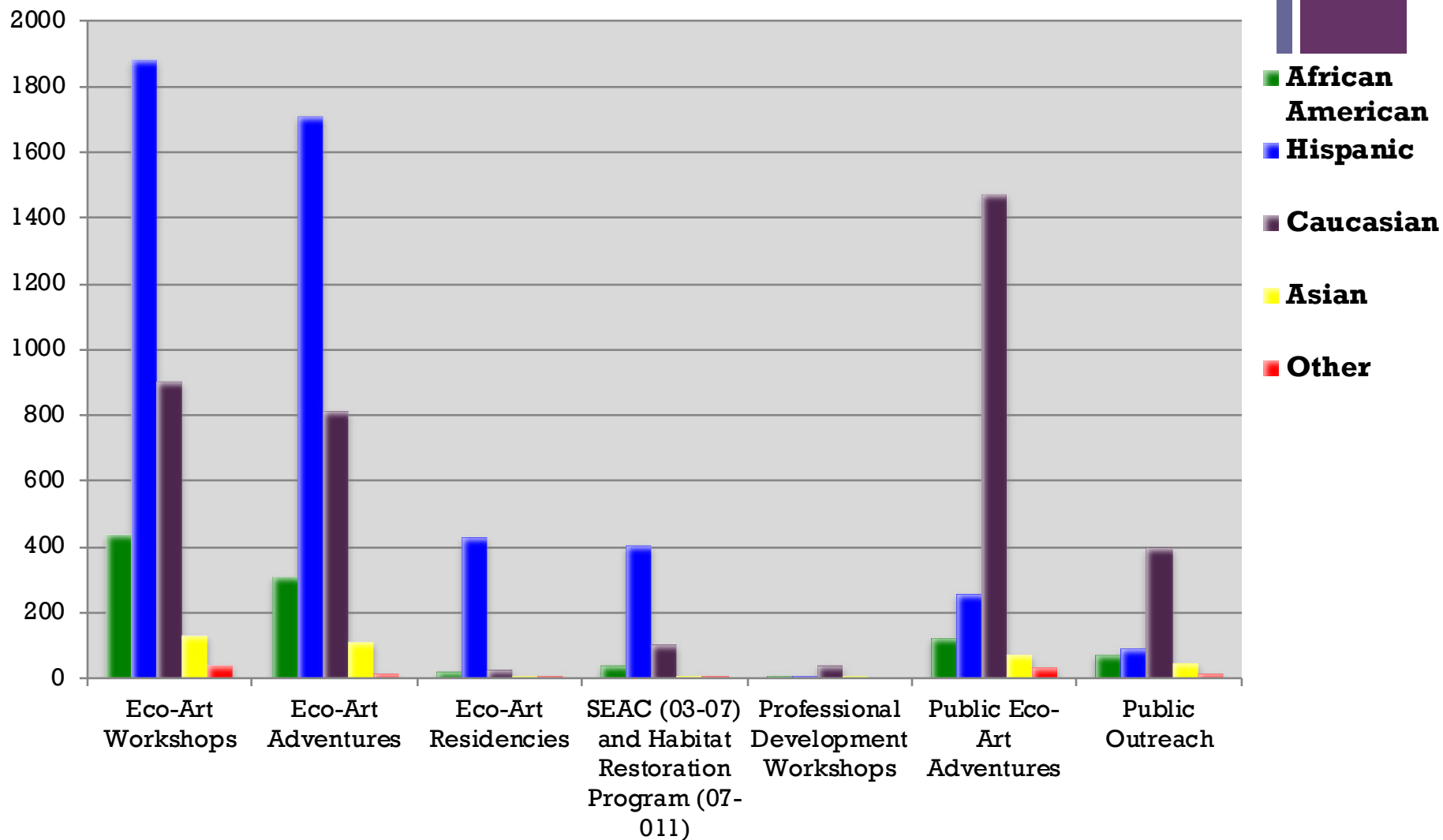


- Karla Klay, Executive Director
- Holly Fortenberry, Administrative Coordinator
- Erika Watson, School Liaison
- Kari Howard, Habitat Restoration Adventure Program Coordinator
- Katie McCann, Eco-Art Educator & Interpreter
- Abel Garza, Eco-Art Educator & Interpreter
- Samantha Nichols, Eco-Art Educator
- Lezlie Silverstein, Eco-Art Educator
- Kristin Livingston, Eco-Art Educator



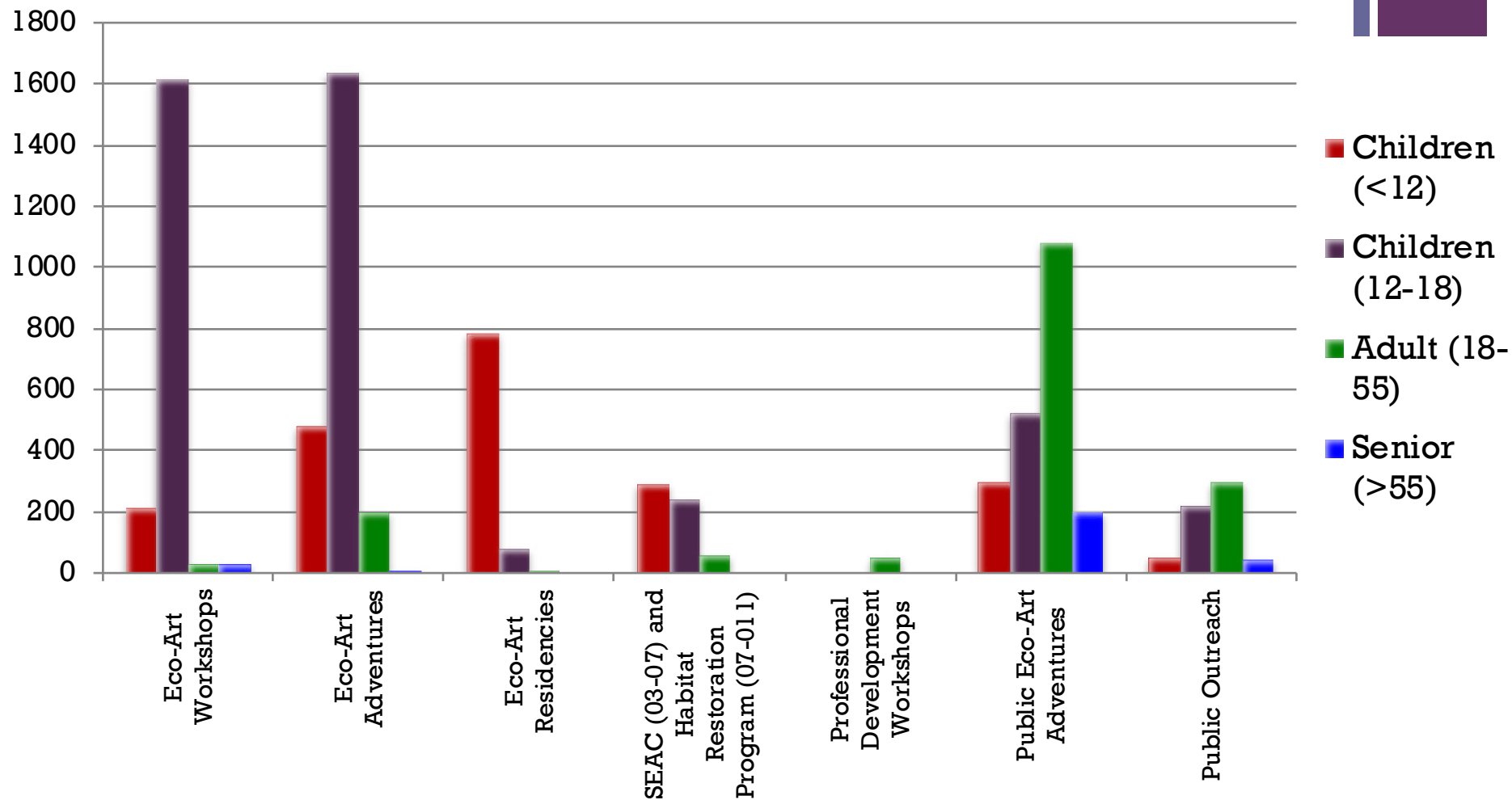


# Artist Boat Participant Diversity 2010 – 2011





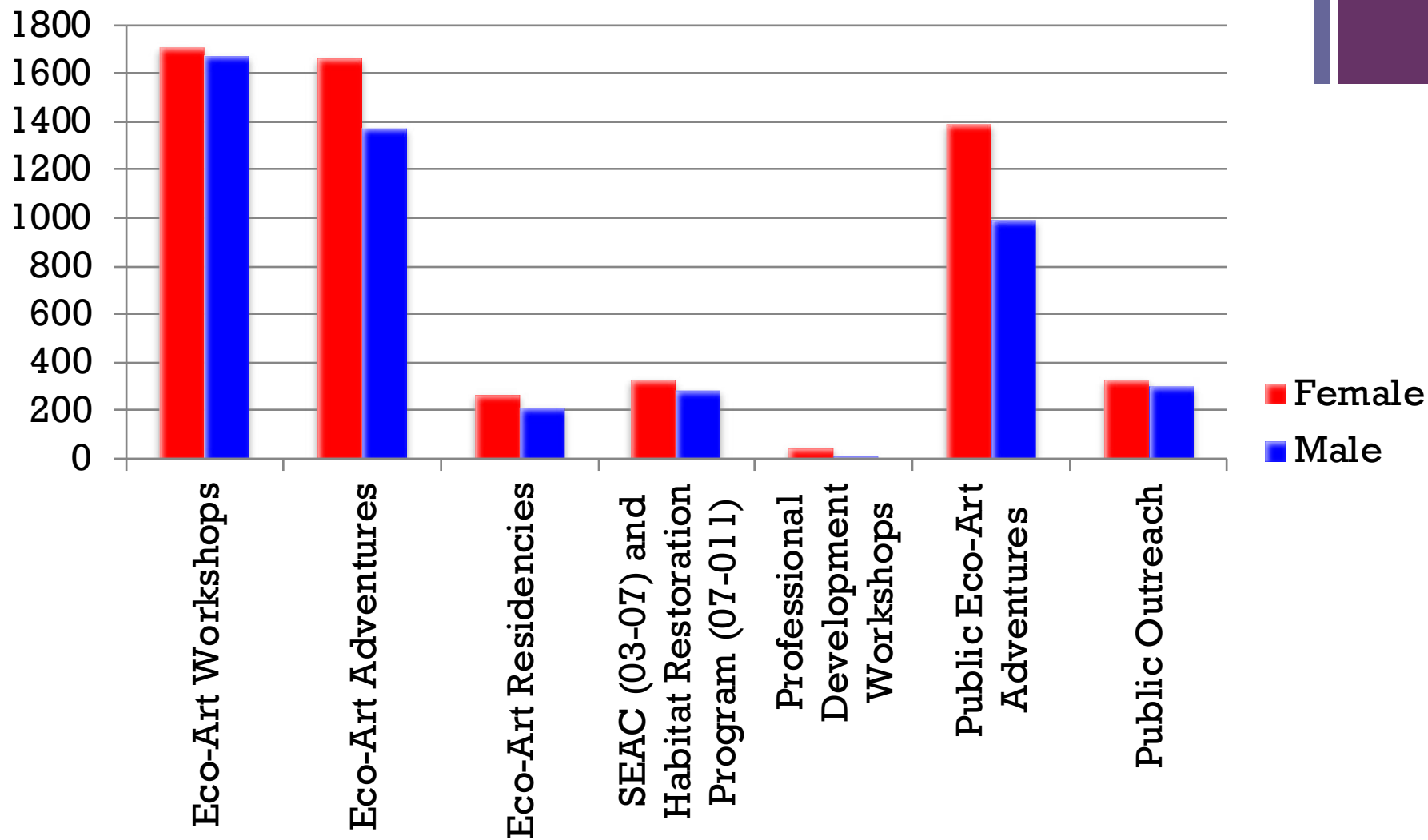
# Artist Boat Program Diversity 2010-2011







# Artist Boat Gender Diversity 2010-2011



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Total Served By Program 2003-2011

	Eco-Art Workshops	Eco-Art Adventures	Eco-Art Residencies	SEAC (03-07) and Habitat Restoration Program (07-011)	Professional Development Workshops	Public-Eco-Art Adventures	Public Outreach	Total Served by Year
2003-2004	1103	1303	101	0	73	358	0	2938
2004-2005	828	902	608	420	111	511	611	3991
2005-2006	678	1055	1265	168	236	548	0	3950
2006-2007	2463	1782	992	63	275	591	576	6742
2007-2008	924	1942	1471	0	245	816	159	5557
2008-2009	2044	1598	1228	1360	119	527	299	7175
2009-2010	3055	2068	1238	1024	103	1264	300	9052
2010-2011	3382	3034	867	609	52	2382	628	10517
TOTAL	14477	13684	7770	3644	1214	6997	2573	50359



# Total Served By Program 2003-2011

