

# Educating with Extension



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UF/IFAS Extension Monroe County

May 2017

## World Oceans Day By Dawn Thomas, Extension Coordinator

Each year, on June 8, we celebrate the ocean, its importance in our lives, and how we can protect it. World Oceans Day (WOD) helps raise the profile of the ocean and inspire more involvement in helping to conserve this amazing resource we all depend on.

A healthy world ocean is critical to our survival. Every year, WOD provides a unique opportunity to honor, help protect, and conserve the **world's oceans**.

Why are oceans so very important? They generate most of the oxygen we breathe. They help feed us. They regulate our climate. They offer a pharmacopoeia of medicines. And, they provide limitless inspiration.

### 2017 theme: "Our Oceans, Our Future"

The main conservation focus will be on plastic pollution prevention and cleaning the ocean of marine litter.

To see how you can get involved, visit the following sites:

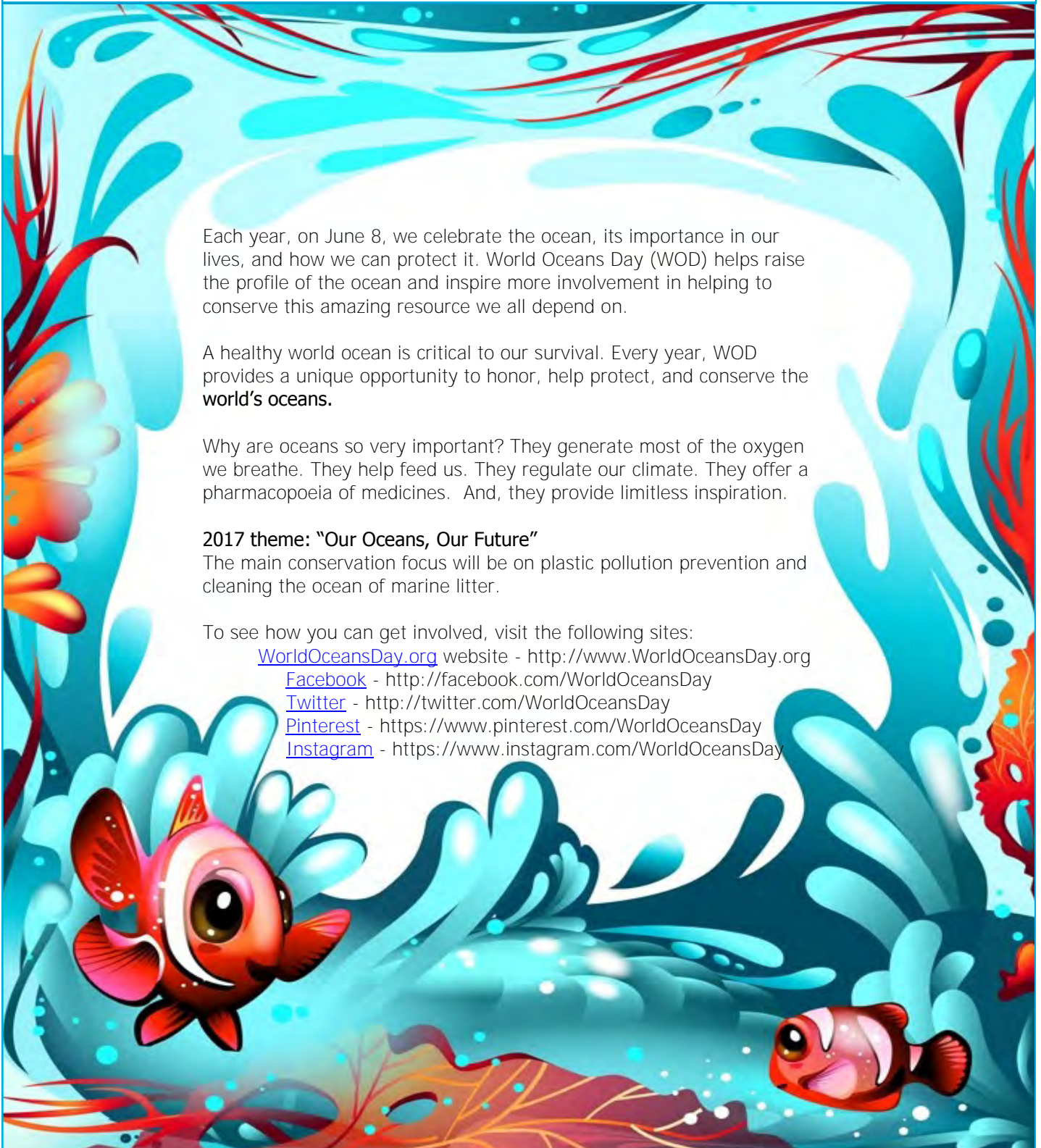
[WorldOceansDay.org](http://www.WorldOceansDay.org) website - <http://www.WorldOceansDay.org>

[Facebook](http://facebook.com/WorldOceansDay) - <http://facebook.com/WorldOceansDay>

[Twitter](http://twitter.com/WorldOceansDay) - <http://twitter.com/WorldOceansDay>

[Pinterest](https://www.pinterest.com/WorldOceansDay) - <https://www.pinterest.com/WorldOceansDay>

[Instagram](https://www.instagram.com/WorldOceansDay) - <https://www.instagram.com/WorldOceansDay>



## Horticulture News

Kim Gabel



Kim recently accomplished the following activities:

- Participated in the Arbor Day event at Bayview Park in Key West to teach proper tree planting and rainbarrel construction. Three Master Gardeners and 20 volunteers helped to plant multiple trees. A rainbarrel education and construction workshop was taught to 20 attendees.
- Spoke at the Key West Garden Club to educate 25 volunteers about beneficial and pest insects.
- Held a Green Industries-Best Management Practices (GI-BMP) workshop for City of Key West and Monroe County Public Works employees. The course educated 18 attendees about environmentally friendly landscaping practices to lessen non-point source pollution due to inappropriate fertilizer and pesticide applications.
- Attended four Tropical Fruit Fiesta meetings with members of Grimal Grove, Little White House, and Master Gardeners.
- Attended the Green Living & Energy Education (GLEE) board meeting to discuss the June 19 annual meeting and the GLEE Energy Expo to be held February 10, 2018 at Crane Point Museum & Nature Center in Marathon.
- Held four Summer Plant Clinics with 10 Master Gardeners assisting 18 clients.
- Made one site visit in Key West regarding plant identification and care.
- Spoke on US 1 Radio's Morning Magazine about the June 24 Tropical Fruit Fiesta.

### MGs, Mark Your Calendar!

35<sup>th</sup> Annual Florida Master Gardener Conference | October 15-18, 2017  
St. Johns County Convention Center  
Renaissance World Golf Village  
St. Augustine, FL

<http://conference.ifas.ufl.edu/gardener/index.html>

## Summer Plant Clinics

Kim Gabel and the Monroe County Master Gardeners will help you with plant problems or insect identification at the following locations throughout the summer:

### KEY WEST

**Gato Building / Extension Office**  
1100 Simonton Street, #2-260  
1:00 to 4:00 p.m.  
June 5 & 19, July 3 & 17,  
August 7 & 21, September 18

### MARATHON

**Marathon Home Depot**  
4555 Overseas Highway  
9:00 a.m. to 12 noon  
June 17, July 15,  
August 19, September 16

### KEY LARGO

**Murray E. Nelson Government & Cultural Center / Extension Office**  
102050 Overseas Hwy., #244  
9:00 a.m. to 12 noon  
June 7 & 21, July 5 & 19,  
August 2 & 16, September 6 & 20

### Can you identify this insect?



It was first discovered in Broward and Miami-Dade counties in June 2002.  
Hints:

- *Maconellicoccus hirsutus*
- It attacks ornamentals and crops.
- When adults are crushed, their body fluids are pink.
- Size: 3mm
- Eggs are orange, but become pink just before hatching.

Answer on page 4 or at

<http://entnemdept.ifas.ufl.edu/creatures/orn/mealybug/mealybug.htm>



Marine  
News  
Shelly  
Krueger

Shelly recently accomplished the following activities:

- Attended the Arbor Day event at Bayview Park in Key West.
- Was invited to Treasure Village Montessori for "Meet the Scientist" night for students and their parents and brought microscopes to teach the students about the miniature world of plankton.
- Wrote and distributed the one-page Florida Keys Water Watch quarterly newsletter for current volunteers.
- Is assisting in organizing the regional Sea Grant Gulf of Mexico meeting on Dauphin Island, AL in December.
- Reviewed and ranked abstracts for FANREP and ESP.
- Is a member of the Florida Sea Grant Fisheries Work Action group, who are developing a voluntary program to promote ethical angling, decrease mortality for caught and released fish and how to handle sea animal interactions.



- Held a Florida Keys Water Watch (FKWW) workshop on Cudjoe Key where three people were trained.
- Held a FKWW recertification on Ramrod Key where two people were in attendance.
- Made six FKWW site visits.
- Performed three Phytoplankton Monitoring sessions.
- Attended a two-day "Federal Grant Reporting and Cost Principles" workshop at the Harvey Government Center in Key West.
- Watched a NOAA Deep Sea Coral webinar.
- Spoke on US 1 Radio's "Morning Magazine" about the Great Goliath Grouper Count happening June 1-8.



## Family and Community Development News

Alicia Betancourt

Alicia recently accomplished the following activities:

- Worked as a Subject Matter Expert on regional climate change frameworks on behalf of the Southeast Florida Climate Change Compact. The meetings were held online in "Resilience Dialogues" with members from across the nation contributing to the learning environment.
- Coordinated the May 16 [Monroe County Climate Change Advisory Committee](#) meeting to develop a recommendation to the County Commission to conduct solar feasibility for the new Cudjoe Key fire station. Worked with county staff to ensure that solar will be an option in the bid process for both the fire station and all future projects. This effort will help the County to meet the greenhouse gas emissions reduction of 40% by 2030 that was adopted last year.
- Worked with county staff and Emergency Management to develop a survey instrument to collect data from departments which will help define emergency re-entry protocol.



- Worked with board members of the Green Living & Energy Education (GLEE) organization to plan the annual meeting scheduled for June 19 and to begin planning the 2018 GLEE Energy Expo which will be held on February 10.
- Spoke on US 1 Radio's "Morning Magazine" about hurricane preparedness and on WFFG 1300AM about ways to go green, good practices to reduce food waste and meal planning, energy savings, and green cleaning products.

## June Happenings

### Hurricane Season

June 1 - November 30

Don't be Scared, be Prepared!  
[http://monroe.ifas.ufl.edu/families/families\\_hurricanelinks.shtml](http://monroe.ifas.ufl.edu/families/families_hurricanelinks.shtml)

### Great Goliath Grouper Count

June 1 thru 8, weather permitting  
Contact Shelly Krueger, 305-292-4502 or [krueger-shelly@monroecounty-fl.gov](mailto:krueger-shelly@monroecounty-fl.gov)

### Hurricane Season Sales Tax Holiday

June 2 - 4

<http://monroe.ifas.ufl.edu/pdf/tip-hurricane-supplies-2017.pdf>



### Happy Flag Day

Tuesday, June 14  
Extension Office is OPEN!

### Ocean Life Series

The Steamship Lost on  
Elbow Reef in 1885  
Friday, June 16, 7:00 p.m.  
Murray E. Nelson Government &  
Cultural Center  
102050 Overseas Highway  
MM 102, Key Largo

### Monroe County Climate Change Advisory Committee Meeting

Monday, June 19  
12:30 - 4:00 p.m.  
Marathon Government Center  
2nd floor - BOCC meeting room  
2798 Overseas Highway, Marathon

### GLEE Annual Meeting

Monday, June 19  
5:30 - 7:30 p.m.  
The Hammocks at Marathon Resort  
1688 Overseas Highway  
RSVP: [keysglee@gmail.com](mailto:keysglee@gmail.com)

### Pollinator Week

June 19 - 25  
[pollinator.org/pollinatorweek](http://pollinator.org/pollinatorweek)

### Tropical Fruit Fiesta

Saturday, June 24  
9:00 a.m. - 1:00 p.m.  
Little White House, 111 Front St., KW

## Economic Resource Development News Harry Crissy

Harry recently accomplished the following activities:

- Met with commercial fisherman to help them form a nonprofit co-op association. Constructed a business plan for the co-op.
- Completed a management plan checklist in support of Monroe County's grant application to FDEP.
- Conducted evaluations for the National Association of Community Development Extension Professionals (NACDEP) conference submissions.
- Met with executives of the Marine Resources Development Foundation and First State Bank in Key Largo to discuss funding strategies for a new dormitory and a classroom building.
- Met with the grants committee for the Key West Tropical Forest & Botanical Garden to discuss new pursuits for funding.
- Created a market entry strategy for a local entrepreneur.
- Met with the Executive Director of The Key West Historic Marker Tour nonprofit to discuss funding options.
- Worked with a local retailer to create a strategy to transfer partner ownership.
- Attended a group meeting at the University of Florida with the Southern Rural Development Center (USDA) to discuss possible programs.
- Hosted an event table at the Boeing Company's Family Day in Charleston, SC to display outcomes of a previously funded project and discussed possibilities for a similar project in the Florida Keys with company personnel.
- Held a meeting with architects from Clemson University's Center for Architecture in Charleston, SC to discuss the possible development of a seafood processing facility in the Florida Keys and possibly Cuba.
- Traveled to Hemingway Marina in Cuba to install a biodigester.
- Spoke on US 1 Radio's "Morning Magazine" about new product feasibility.

**Announcement:** There are three (3) vacant seats on the Monroe County Climate Change Advisory Committee. If you are interested, please e-mail Alicia at [betancourt-alicia@monroecounty-fl.gov](mailto:betancourt-alicia@monroecounty-fl.gov).

**UF/IFAS/MONROE COUNTY EXTENSION**

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 102050 Overseas Hwy., Suite 244, Key Largo, FL 33037

KW Phone: 305-292-4501      KL Phone: 305-453-8747  
 KW Fax: 305-292-4415      KL Fax: 305-453-8749

General e-mail: [monroe@ifas.ufl.edu](mailto:monroe@ifas.ufl.edu)  
 Newsletter Editor: Dawn Thomas, Extension Coordinator  
 This newsletter can be accessed online at:  
<http://monroe.ifas.ufl.edu/newsletter.shtml>

County Extension Director: Alicia Betancourt



We're on the Web at <http://monroe.ifas.ufl.edu>  
 Facebook Twitter



<http://SolutionsForYourLife.ufl.edu>

<http://ufl.edu>

<http://edis.ifas.ufl.edu>

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Harry Crissy, our Economic Resource Development Agent, hosted an educational table at Boeing Company's Family Day in Charleston, SC, to demonstrate what could be done to improve local entrepreneurship capacity with a limited budget.



**TROPICAL FRUIT FIESTA**

**Date:** Saturday, June 24  
**Time:** 9:00 a.m. to 1:00 p.m.  
**Where:** Little White House  
 111 Front Street, Key West



**2017 ATLANTIC STORM/HURRICANE NAME GAME**

- Arlene Dahl and/or Francis - both actresses
- Bret Michaels (singer - Poison), Hart (pro wrestler)
- Cindy Crawford (model), Williams (actress), Lou Who
- Don King (boxing promoter), Henley (singer - Eagles)
- Emily Dickinson (poet), Blunt (actress)
- Franklin Roosevelt (US president), and there's Ben
- Gert rude Stein; that's about it for this one
- Harvey Milk, Firestone, & our very own Wilhelmina
- Irma My Friend Irma (Radio, TV, Movie)
- Jose Marti, Fernandez (baseball), Feliciano (singer)
- Katia Drew a blank for this one (Google was no help)
- Lee Majors (actor), Greenwood (singer)
- Maria Callas (opera singer), "Take a Letter..."
- Nate Dogg (rapper) + 4 more I never heard of
- Ophelia Shakespeare character
- Philippe Costeau (oceanographer), Candeloro (ice skater)
- Rina Royal Institute of Naval Architects - I kid you not
- Sean Recursive InterNetwork Architecture - Google it
- Tammy Spicer (did I have to?), Hannity, Lennon
- Vince Wynette (country singer) + 2 more I didn't know
- Whitney Gill (country singer), Lombardi (football coach)
- Whitney Houston (singer), Cummings (comedienne)

For everything you need to know about hurricane preparedness, our webpage address is [http://monroe.ifas.ufl.edu/families/families\\_hurricanelinks.shtml](http://monroe.ifas.ufl.edu/families/families_hurricanelinks.shtml)

**WANT TO BECOME A SUSTAINABLE FLORIDIAN?**

**WHEN:** Thursdays, Sept. 28 / Oct. 12, 19, 26 / Nov. 16, 30  
**TIME:** 12:00 - 4:00 p.m.      **FEE:** \$75  
**WHERE:** Gato Building, 1100 Simonton Street, Key West

**What is a Sustainable Floridian?**

If you are interested in living a green and sustainable lifestyle, this 6-week program teaches you how to reduce resource consumption, save money, and become part of a transition to a more environmentally, social, and economically sustainable future. For more information, contact Alicia Betancourt, 305-453-8747, or [betancourt-alicia@monroecounty-fl.gov](mailto:betancourt-alicia@monroecounty-fl.gov).

**UF/IFAS/MCES QUARTERLY CONTACTS**

	Mar	Apr	May	Total
Phone calls	185	198	207	590
Office visitors	41	34	48	123
Visits to clients	20	30	36	86
Learning events	42	54	37	133
Participants	668	469	468	1605
Media submissions	5	7	5	17
Publications distributed	639	838	540	2017
<b>TOTAL contacts</b>	<b>1600</b>	<b>1630</b>	<b>1341</b>	<b>4571</b>