



January 22, 2018 Meeting
Final Agenda Packet

Contents:

1. Presentation: Ocean Friendly Restaurants Initiative
{Surfrider Foundation Broward County Chapter, Plastic Free Mermaids
and Sustainability Students from Beachside Montessori Village}
2. Handouts:
 - a. Ocean Friendly Restaurants Membership Form
 - b. Surfrider Foundation Broward Chapter 2018 Legislative Priorities

How You Can Help Make Our Beaches Plastic-Free







A Collaborative Effort Brought To You By:

Surfrider Foundation
Broward County Chapter

Sustainability Students
Beachside Montessori Village, South Broward, Ft. Lauderdale & St. Thomas Aquinas High Schools

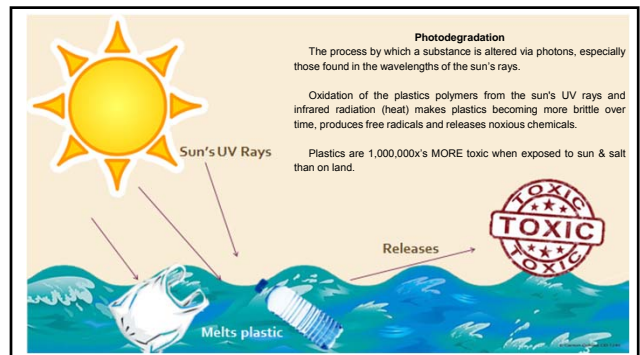
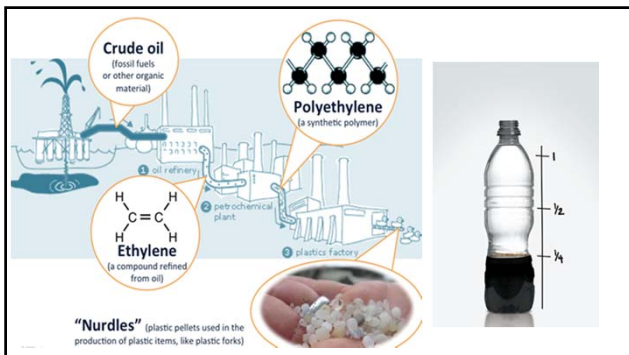
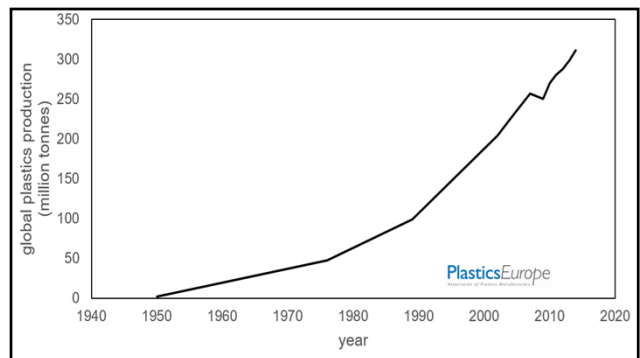
Elaine Fiore
Sustainability Educator & Non-Profit Vice President Communications

Kimberly Correia
Plastic Free Mermaids

Emilia Feibel, Christina Horvath & Sarah Mitre
Free Our Sands
Beachside Montessori Village

Our Mission

- Educate about plastic pollution
- Provide information on current initiatives and/or existing ordinances
- Present alternatives to businesses interested in creating a positive change



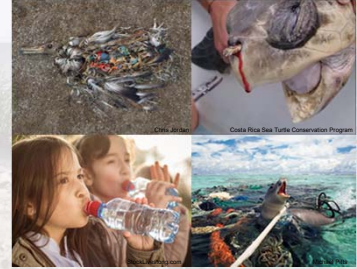
Why Should We Care?

- Americans use an estimated 500 million plastic straws EVERY DAY.
- By 2050, there will be more plastic in our oceans than fish biomass.
- 8 million tons of plastics enter our oceans every year.



Three Main Ways Plastic Pollution Affects Life

- Ingestion
- Entanglement
- Contamination



BAD FOR THE OCEAN, BAD FOR US



Want to save our oceans AND money?

STRAWS

\$12.49 for 5000
SAVINGS:
\$1.24 a day, **\$447 a year!**

Cutlery

\$50.97 for 3000 (set)
SAVINGS:
\$8.50 a day, **\$3,060 a year!**

NAPKINS

\$16.99 for 8000 (2 napkin/customer)
SAVINGS:
\$2.12 a day, **\$764 a year!**

Plastic Bags

\$14.49 for 500
(250 customers using 1 bag for takeout)
SAVINGS:
\$8 a day, **\$2,880 a year!**

*Example: 500 customers a day

*All calculations selected by "most popular" items at www.webrestaurantstore.com

Not including cups, plates or to-go containers



Want to save our oceans AND money?

Single-Use Free Total ANNUAL Savings
\$7,151

Let's say 1/3 of them take food home or order to-go.
(250 customers requesting straws, napkins and cutlery)

YOU'RE STILL SAVING

\$3,575.50 dollars a year by going reusable!
Also reduces you waste pickup/hauler fees with less litter



Want to save our oceans AND money?

Switching to reusables has a 30 day turnover
(Sgyres & Zero Waste International Alliance)

Single-use = **costly overhead expense**
Reusable = **one time investment**

The money you spend to stock reusables, will largely eliminate overhead for plastic single-use items.

Want to save our oceans AND money?

Save hundreds annually with Utility Efficiency:

- Water-Efficiency: Toilets, Sinks, Dishwashers etc.
- Energy-Efficiency: Lights, Refrigerators, Freezers etc.





Want to save our oceans AND money?

Water-Efficiency Annual Savings

- Reduce operating costs by ~11%
- Reduce energy use by 10%
- Reduce water use by 15%

If 125 Customers flush 1/day:
 • \$693.5/year, \$292/year, \$233.6/year

If 250 Customers flush 1/day:
 • \$1387/year, \$584/year, \$467.2/year

Example: TOILETS

- Older toilets (Before 1992): 3.8-7 gal/flush
- Current Toilets (after 1992): 1.6 gal/flush
- Water Efficient Toilets: max 1.28 gal/flush

Want to save our oceans AND money?

Energy-Efficiency Annual Savings

- \$50/year LED Lights
- \$100/year Refrigerator
- \$25/year Freezer
- \$25/year Dishwasher
- \$110 Clothes Washer

Restaurants use about **5 to 7 times more energy** per square foot than other commercial buildings (such as office buildings and retail stores).*

Example: ICE MACHINES

- Traditional Ice Machine \$125-185 annually
- Energy Star Ice Machine \$55 annually

*Resource: Environmental Protection Agency 2015, Energy Star

Where does the City of Hollywood stand on this issue?



- Ordinances on the books going green/Plastic-free/zero-waste
- 3 Major ordinances that directly apply to you...
 - § 97.05 REQUIREMENTS FOR ESTABLISHMENTS THAT DISPENSE DISPOSABLE FOOD SERVICE PRODUCTS.
 - § 124.07 ISSUANCE; FORM AND CONDITIONS OF PERMIT.
 - 97.08 REGULATION OF USE OF POLYSTYRENE ON PUBLIC PROPERTY

CODE OF ORDINANCES


§ 97.05 REQUIREMENTS FOR ESTABLISHMENTS THAT DISPENSE DISPOSABLE FOOD SERVICE PRODUCTS.

“(A) Establishments located east of the Intracoastal Waterway selling food intended for consumption by customers off the premises of such establishments, or serving food in an outside seating area of an establishment, shall not sell or dispense disposable food service products, including but not limited to cups, lids, straws, plates, bowls, utensils, sandwich containers, or other packaging, which are made of plastic, polystyrene plastic, or of any nonbiodegradable material; except, however, that the ban on polystyrene plastic and plastic-coated paper products shall not become effective until the conditions set forth in F.S. §403.708(11) are met.”

CODE OF ORDINANCES

§ 124.07 ISSUANCE; FORM AND CONDITIONS OF PERMIT.

“(B) (16) In the Hollywood Beach Area, all tableware shall be non-disposable and composed of materials that are sturdy and substantial to ensure that the tableware remains on the table in spite of wind that customarily occurs in South Florida. In addition, cloth napkins shall be used on all tables.”

 **CODE OF ORDINANCES**

§97.08 REGULATION OF USE OF (EXPANDED) POLYSTYRENE ON PUBLIC PROPERTY. *::under review::*

"It shall be unlawful for any individual or any temporary vendor to use (expanded) polystyrene products on public property"

Miami Beach has a citywide ban that prohibits restaurants or stores from using or selling styrofoam

 **Ocean Friendly Restaurants**

Goals of the OFR Program:

- 1) Reduce single-use plastics & expanded polystyrene foam waste
- 2) Conserve Water & Energy
- 3) Sustainable Seafood Choices
- 4) Make Ocean-Minded Decisions

 **Participating OFR Restaurants**

MUST follow these FOUR criteria:

1. No expanded polystyrene use (aka Styrofoam).
2. Proper recycling practices are followed.
3. Only reusable tableware for onsite dining and utensils for to-go food are provided only upon request.
4. No plastic bags offered for takeout or to-go orders.



 **Additionally, choose a minimum of THREE of these criteria:**

- Plastic straws are provided only upon request.
- No beverages sold in plastic bottles.
- Discount offered for customers with reusable cup, mug, bag, etc.
- Water conservation efforts such as low-flow faucets and toilets.
- Energy efficiency efforts are implemented where possible
- Vegetarian/vegan food options are offered on a regular basis. All seafood must be a 'Best Choice' or 'Good Alternative' as defined by Seafood Watch.



 **Additionally, choose a minimum of THREE of these criteria:**

IF you choose sustainable seafood options, Seafood Watch will PAY for your registration fee in FULL and add you to their sustainable seafood restaurant database!




 **You can be the FIRST OFR in Broward County!**

In-Person Registration:
Walk through, verification, signing documentation, registration fee

Online Registration:
Virtual verification, electronic document signing, registration fee

Surfrider will be checking in and also receive notifications if criteria isn't met.



You can be the FIRST OFR in Broward County!

WE ARE AN OCEAN FRIENDLY RESTAURANT
To learn more about the Surfrider Foundation and Ocean Friendly Restaurants, visit www.surfrider.org/OFR

SURFRIDER FOUNDATION

What's in it for you?

- Promotion to Broward County consumers through:
 - Surfriders Website (80k views monthly)
 - Surfrider Broward County's websites
 - Facebook (250k)
 - Twitter (110k)
 - Instagram (40k)
 - Newsletters (75k)
 - Cleanups and Events (50-200 an event)
 - Monthly Meeting Spot (25 customers)
- FREE Advertisement (Promo Video)
- Launch Party
- Optional collateral including:
 - OFR window sticker, table-toppers, dinner brochures, bill stuffers, posters etc.
- Saving Money and Products
 - Save you \$7,151 annual savings
 - Hundreds in utilities

What's in it for you?

- Acknowledgement on City of Hollywood's website & social media platforms
- Highlight progress & give kudos on #seenbeinggreen hashtag
- Add Ocean Friendly label next to restaurant in the CRA directory of business
- City Sustainability website - highlight participating businesses
- Highlight in City's Quarterly Newsletter

Thank you for your consideration on this important initiative for our community and our oceans!

<http://www.surfrider.org/programs/ocean-friendly-restaurants>

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Contacts

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OCEAN FRIENDLY RESTAURANTS MEMBERSHIP FORM

Reduce Plastic, One Restaurant at a Time

Plastic pollution is suffocating our ocean and the many animals that call it home. Researchers estimate there are now over 5.25 trillion pieces of plastic in the ocean with the number continuing to grow every day. This pollution is impacting our marine ecosystems, wildlife such as seabirds, dolphins, fish and turtles. Plastic fragments are even displacing plankton at the base of the food chain. So what's the best way to combat this global epidemic facing our ocean? It's simple: we need to stop the problem at its source! The Surfrider Foundation's Ocean Friendly Restaurants program does just that. One restaurant, one customer at a time, increases awareness, drives change in behavior and ultimately creates scalable impact to reduce our plastic (and water!) footprint. Sign up today!

GO.SURFRIDER.ORG/OFR

Restaurant Information

Restaurant Name*: _____

Select Restaurant Type*:

- | | |
|--|--------------------------------------|
| <input type="checkbox"/> Cafe/Bistro | <input type="checkbox"/> Fine Dining |
| <input type="checkbox"/> Fast Casual | <input type="checkbox"/> Food Truck |
| <input type="checkbox"/> Fast Food/Takeout | |

Address*: _____

City*: _____

State*: _____ Zip Code*: _____

Website: _____

Contact Information

First Name*: _____ Phone*: _____

Last Name*: _____ Email*: _____

*Required



Our Restaurant Agrees to Comply With the Following Four Required Program Criteria

- 1) No expanded polystyrene (EPS) foam is used.
- 2) Proper recycling practices are followed.
- 3) Only reusable tableware is used for onsite dining, and disposable utensils for takeout food are provided only upon request.
- 4) No plastic bags are offered for takeout or to-go orders.

Select a minimum of three additional criteria below:

- Plastic straws are provided only upon request.
- No beverages are sold in plastic bottles.
- A discount is offered for customers with reusable cup, mug, bag, etc.
- Vegetarian/vegan food options are offered on a regular basis.
- All seafood must be a 'Best Choice' or 'Good Alternative' as defined by Seafood Watch or certified as sustainable.
- Water conservation efforts, such as low-flow faucets and toilets, are implemented.
- Energy efficiency efforts, such as LED lighting and Energy Star appliances, are in place.

Select the Ocean Friendly Restaurants Member Level Appropriate for Your Restaurant Size

\$125
1-20 Employees
Membership



\$150
20-40 Employees
Membership



\$175
40-60 Employees
Membership



Payment Information

Name on Card*: _____ Address*: _____

Card Number*: _____ City*: _____

Expiration*: _____ CVC*: _____ State*: _____ Zip Code*: _____

Check Enclosed

**Please make checks payable to: Surfrider Foundation
Mail to: P.O. Box 6010 San Clemente, CA 92674-6010**

Terms & Conditions

By becoming an Ocean Friendly Restaurants member, you agree to the terms and conditions of the Surfrider Foundation's program.

Under no circumstances shall Surfrider Foundation, including its board of directors, officials, agents, volunteers, employees, staff, representatives and any other party involved in creating, producing, registering, certifying or distributing the Ocean Friendly Restaurants program be liable for any direct, indirect, incidental, special or consequential damages, including but not limited to the loss of profits, good will, use, data, intellectual property rights or other intangible losses (even if Surfrider Foundation has been advised of the possibility of such damages) that result from (i) the use of or inability to use the program marketing or online services, (ii) the cost of procurement of substitute goods and services (iii) statements or conduct of any third party relating to the Ocean Friendly Restaurants program; or (iv) any other matter relating to the Ocean Friendly Restaurants program. You hereby acknowledge that this paragraph shall apply to all content, merchandise, and services available in conjunction with the Ocean Friendly Restaurants program. Because some states do not allow the exclusion or limitation of liability for consequential or incidental damages, in such states liability is limited to the fullest extent permitted by law.



How to easily comply with the four Mandatory Criteria:

1. No expanded polystyrene (EPS) foam is used.

Expanded polystyrene (EPS) foam, a type of plastic typically used for inexpensive, disposable products (such as cups, plates, clamshells, etc.), is often found in the majority of beach cleanups. EPS foam impacts marine life, ecosystems, the ocean and coasts. While we recommend using paper and cardboard options, they may not work in all situations. The first of the three R's of conservation is to REDUCE so finding ways to create less waste and embrace reusable items whenever possible should be a top goal, which can also lead to cost savings. Avoid bioplastic options touted as compostable for a variety of reasons, described in detail at www.beachapedia.org/Bioplastics.

2. Proper recycling practices are followed.

The second R of conservation, RECYCLE, applies here. Proper recycling helps to ensure that items aren't littered and are diverted from the landfill to live a second life as something new. If any items are offered in glass bottles or aluminum cans, please provide a recycling container that is easily visible for customers. Ensure that cardboard and any other delivery packaging are recycled. Most cities and states have recycling mandates so please check with your municipality and/or waste hauler for any local requirements.

3. Only reusable tableware is used for onsite dining, and disposable utensils for takeout food are provided only upon request.

The third R of conservation – REUSE – is critical to onsite dining, which includes tableware such as plates, bowls, cups, glasses, and utensils (and cloth napkins when possible). Not everyone who gets takeout food needs disposable utensils. Some people may take food home while others may carry utensils in their backpack or car. This is another example where simply asking people to opt-in can help reduce the use of disposable items and save you money!

4. No plastic bags are offered for takeout orders.

Plastic bags are a top threat to ocean wildlife. If you need to provide a bag to customers, please make it a paper bag and/or start a reusable bag program.

PLUS, choose at least 3 of the following Optional Criteria:

5. Plastic straws are provided only upon request.

By asking people to request a straw rather than automatically handing them out or placing them in drinks, you can help to reduce the number of plastic straws found at beach cleanups. Please consider eliminating plastic straws altogether by offering paper straws upon request and/or provide incentives for reusable straws. Ask us about our discount code to get 50% off your order of paper straws from www.aardvarkstraws.com

6. No beverages are sold in plastic bottles.

Plastic bottles are another top-ten item collected at beach cleanups, especially in states that do not have a bottle recycling law that requires a deposit on bottles and cans. If individual containers are needed, glass bottles and aluminum cans are both more Ocean Friendly options.

7. Discount is offered for customers with reusable cup, mug, bag, etc.

Choose to reuse! By offering a small discount for customers that bring their own coffee mug, drink cup, or reusable bag, you will build a loyal following with your conservation practices. Reusable items are a top choice for retail conservation and can make the biggest impact for a clean beach and ocean.

8. Food options: vegetarian/vegan food options are offered on a regular basis and/or all seafood must be a 'Best Choice' or 'Good Alternative' as defined by Seafood Watch or certified as sustainable.

Offering vegetarian and vegan food options can reduce the impact of climate change, rainforest destruction, and pollution, while saving water and other precious resources. (<http://www.chooseveg.com/environment>). The Surfrider Foundation is a strong supporter of marine protected areas to increase fish abundance and diversity in the ocean. The Monterey Bay Aquarium's Seafood Watch program has a highly respected list of recommendations to help you choose seafood that's fished or farmed in ways that have less impact on the environment. Visit www.seafoodwatch.org and www.msc.org for information on certified sustainably sourced seafood.

9. Water conservation efforts, such as low-flow faucets and toilets, are implemented.

A) Conserving water in drought-stricken areas can help reduce the perceived demand for expensive and harmful ocean desalination. Providing water to customers only upon request is a simple action to take. Another is installing low-flow faucets and toilets, which can help to conserve a significant amount of water. Click here for more detailed suggestions: <https://www.swfwmd.state.fl.us/conservation/waterwork/checklist-restaurant.html>

B) Conserving water also helps reduce urban runoff. Make it a company policy to use a broom, rather than a hose, to clear sidewalks, driveways, loading docks and parking lots. If more intense cleaning is needed, try spot cleaning with a bucket and brush instead of power washing and capturing the water. Note, many municipalities prohibit restaurants from using any cleaning process for outside areas that generates urban runoff. Click here for more detailed suggestions: <https://www.swfwmd.state.fl.us/conservation/waterwork/checklist-restaurant.html>

C) Conserving water and reducing sewage spills as part of proper handling of fats, oils, and greases (FOG). When poured down the drain, FOG hardens inside sewer pipes, constricting wastewater flow and clogging the pipes. This can lead to sewer overflows that can potentially reach the ocean. Additionally, it can take extra water to attempt to 'flush' FOG down the drain. Make it a priority to follow your local requirements for a grease trap and FOG management. Click here for an example from San Francisco: <http://sfwater.org/index.aspx?page=480>

10. Energy efficiency efforts such as LED lighting and Energy Star appliances, are in place.

Lowering your carbon footprint by saving energy can help to lessen the impacts of climate change. Restaurants are some of the most energy intensive commercial buildings in the United States according to the Energy Information Administration. There are a number of options for energy and cost savings for both equipment and lighting. Click here for more details and ideas: <http://www.sustainablefoodservice.com/cat/energy-efficiency.htm>

If you have any questions, feel free to contact your local Surfrider Chapter

Broward County OFR Coordinator - Morgan Knowles, MS, OFR@broward.surfrider.org

Broward County Chair - Cat Uden, chair@Broward.surfrider.org



2018 LEGISLATIVE PRIORTIES

SUPPORT

Recyclable Materials: SB 1014(Sen. Stewart) & HB 6039 (Rep. Richardson):
Deleting a preemption of local law relating to regulation of single-use plastic bags.

Disposable Bags: SB 348 (Sen. Rodriguez)
Allow coastal municipalities to create a pilot program to regulate or ban disposable plastic bags.

Coral Reefs: SB 232 (Sen. Book) & HB 53 (Rep. Jacobs)
Establish the Southeast Florida Coral Reef Ecosystem Conservation Area.

Public Financing of Construction Projects: SB 542 (Sen. Rodriguez)
Prohibiting state-financed constructors from building in certain coastal areas without first conducting a sea level impact projection study.

Regulation of Smoking: SB 562 (Sen. Mayfield) & HB 627 (Rep. Altman)
Authorizes municipalities and counties to restrict smoking in public parks.

Gulf of Mexico Range Complex: SR 550 (Sen. Broxson) & HR 319 (Rep. Ponder)
Resolution supporting an extension of the current moratorium on drilling in the Eastern Gulf of Mexico.

Florida Healthy Beaches Program- Restore funding to monitor beaches for dangerous bacteria and water pollution. Appropriate \$525,000 to the Florida Department of Health expressly for the Florida Healthy Beaches Program.

OPPOSE

Possession of Real Property: SB 804 (Sen. Passidomo) & HB 631 (Rep. Edwards)
Prohibiting Customary Use ordinances, requiring a judicial determination customary use claim be determined by a court on a parcel-by-parcel basis.

Tree Trimming, Removal, and Harvesting: SB 574 (Sen. Steube) & HB 521 (Rep. Edwards)
Preempting the local regulation of trimming, removal, or harvesting of trees on private property.

Learn more and get involved at <http://florida.surfrider.org>

Support HB 627/ SB 562 “Regulation of Smoking”

- Cigarette butt litter accounts for **one in every five items collected during cleanups**, making it the most prevalent form of litter on earth.
- Litter clean up costs the U.S. over **\$11 billion annually**, cigarette butts represent 32% of that litter.
- Families deserve the right to recreate at local parks without encountering the harmful health and environmental effects of smoking.
- **Support HB 627/ SB 562 “Regulation of Smoking”** to restore the ability of local governments to regulate smoking in their local parks.

Support HB 53/ SB 232 “Coral Reefs”

- The Florida Reef Tract is the only living coral reef in the continental United States. It stretches from the Dry Tortugas north to Martin County.
- Despite its ecological, recreational and economic importance, the northern portion of the Florida Reef Tract, from the St. Lucie Inlet to Biscayne National Park, has no official designation.
- **Support HB 53 & SB 232, “Coral Reefs”** to ensure the Florida Reef Tract is protected for future generations.

Support SR 550 & HR 319 “Gulf of Mexico Range Complex”

- Support the extension of the current moratorium on drilling in the Eastern Gulf of Mexico.
- Drilling in the EGOM threatens our domestic security, tourism economy, and coastal recreation.
- **Support HR 319 & SR 550, “Gulf of Mexico Range Complex”** to send a strong message that Florida won’t jeopardize our military readiness for access to dirty and dangerous offshore drilling.

Support SB1014/ HB6039 “Recyclable Materials” & “Auxiliary Containers”

- Single-use plastic bags damage the environment, blight local communities, and cost taxpayers money.
- In an effort to clean up trash and recycle as much as possible, municipalities spend millions: **California spends \$25 million per year** to send discarded plastic bags to landfills.
- Keep America Beautiful estimates that **litter cleanup costs the U.S. almost \$11.5 billion each year.**
- Landfills often have added fencing and employees to control plastic bags on windy days, and plastic bags can also clog recycling machinery- adding additional costs and decreasing efficiency.
- When bags don’t make it to recycling facilities, they often end up clogging storm drains and damaging infrastructure. The FDEP notes that the City of Tallahassee utilizes, “three large flush trucks with two-person crews that work every day to keep stormwater drains open. **There are more than ten people assigned to perform daily trash pickup from stormwater drains and ditches.** The city also employs another six people to pick up roadside trash and utilizes inmates to assist with this job.” (FDEP 2010)
- In 2008, Florida lawmakers passed a bill **prohibiting local governments from regulating or banning plastic bags** until the DEP creates recommendations, **and** they are adopted by the Legislature.
- In 2010, the **DEP completed the Retail Bags Report**- strategies to discourage the use of single-use paper and plastic retail bags.... but the **Legislature still hasn’t adopted it.**
- **SB1014/ HB6039** would restore home rule by repealing the preemption on local regulation of single-use plastic bags.
- **Support SB1014/ HB6039** and give local governments the ability to protect their communities from the harmful impacts of single use plastics.

Learn more and get involved at <http://florida.surfrider.org>