

OCEAN CONSERVANCY'S
International
**Coastal
Cleanup**

START A SEA CHANGE



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SUMMARY REPORT GUYANA

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The International Coastal Cleanup

The International Coastal Cleanup engages people to remove trash and debris from the world's beaches and waterways, to identify the sources of debris, and to change the behaviors that cause pollution.

The 2007 ICC: A Dynamic Global Snapshot of Marine Debris

In 2007, the ICC's growing success generated a detailed picture of trash in our ocean. International participation jumped from 66 countries in 2006 to 76 in 2007. More than 378,000 people picked their way across more than 33,000 miles of stream, river, and ocean shoreline to collect six million pounds of debris. That translates to an average of 16 pounds per person. Once again, Project Aware led scuba divers (8,321 of them) below the surface in underwater cleanups that yielded 161,513 pounds.

China joined the ICC for the second year; Russia also took part in the cleanup, for the first time since 2003. The Caribbean improved dramatically on last year's ICC efforts, with volunteer numbers in Trinidad and Tobago jumping from 894 to 2,250, an increase of more than 60 percent. And in the Bahamas, volunteer participation exploded a whopping 82 percent as 1,037 volunteers pitched in (compared to 180 in 2006). These volunteers removed an average of almost 78 pounds of trash per mile, which equaled 80 percent more pounds of debris per mile than last year.

Through its Regional Seas Programme (RSP) and the Global Programme for Action for the Protection of the Marine Environment from Land-based Activities (GPA), the United Nations

Environmental Programme (UNEP) has developed a "Global Initiative on Marine Litter" to address the global pollution issue. The initiative focuses on both regional and global efforts, and provides a platform to establish partnerships and cooperation for the coordination of activities to control and sustainably manage marine debris.

In the US, Ocean Conservancy President Vikki Spruill was honored to join First Lady Laura Bush to announce the White House's new marine debris initiative during the dedication ceremony of the J.L. Scott Marine Education Center – Gulf Coast Research Laboratory in Biloxi, Mississippi. The White House Initiative calls for an increase in public/private partnerships on cleanups, enhanced public education on debris prevention, and an emphasis on international cooperation to end dumping in the ocean.



2007 ICC: Guyana

In Guyana, 265 volunteers participated in the ICC, removing 5,155 pounds of trash and debris from two miles of shoreline.

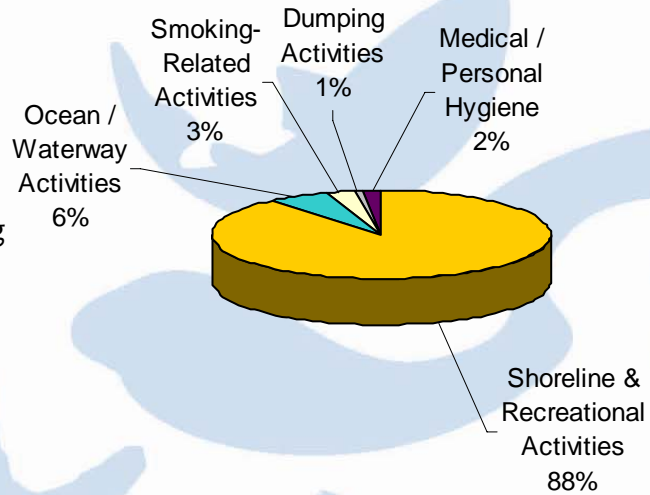
88.8 percent of the debris found in Guyana came from land-based activities like picnics, festivals, sporting events, and beach outings. Litter washed from streets, parking lots, and storm drains also contributed to this category.

Ocean and water-based activities offshore such as boating and fishing accounted for 5.8 percent of Guyana's debris. Globally, 6.3 percent of collected debris came from ocean and waterway-based activities.

Smoking-related products (cigarette filters, cigar tips, and tobacco packaging) accounted for 2.8 percent of the debris found in Guyana. Worldwide, these items comprised 33.6 percent of the six million pounds of debris collected.

Ocean Conservancy's annual Top Ten list shows which items are most prevalent around the globe. The Top Ten accounted for 87.8 percent of the debris found in Guyana.

2007 ICC: Guyana Sources of Debris



Top Ten Debris Items

Debris Items	Number of Items	Percentage of Total
1. Beverage Bottles (Plastic) 2 liters or less	8,130	32.3%
2. Bags	2,827	11.2%
3. Beverage Cans	2,668	10.6%
4. Food Wrappers and Containers	1,772	7.0%
5. Cups/Plates/Forks/Knives/Spoons	1,753	7.0%
6. Straws/Stirrers	1,610	6.4%
7. Caps/Lids	1,302	5.2%
8. Beverage Bottles (Glass)	1,237	4.9%
9. Clothing/Shoes	516	2.0%
10. Cigarettes/Cigarette Filters	315	1.2%
Total Top Ten	22,130	100.0%
Total All Debris Items	25,201	87.81%

Dangers of Marine Debris

In addition to being an eyesore, marine debris also poses dangers for wildlife and people. Marine debris kills more than one million seabirds and 100,000 marine mammals and turtles annually. Unfortunately, each year ICC volunteers find a variety of marine wildlife species entangled in debris. In 2007, participants found 237 entangled animals. Birds represented nearly 35 percent of entangled wildlife, followed by fish (27 percent), invertebrates (20 percent), mammals (nearly 13 percent), reptiles (almost five percent), and amphibians (less than one percent).

Discarded monofilament fishing line is perhaps the single-most dangerous debris item, accounting for 65 percent of entanglements found during the ICC. In fact, derelict fishing gear – which includes fishing line, nets, rope, lures, and light sticks, and crab/lobster/fish traps – represented 72 percent of all entanglements.

Conclusion

Trash in our ocean pollutes our water, kills and injures wildlife, and also costs local communities in debris removal, lost tourism, and lower property values. While the ICC accomplishes amazing results, one day of cleaning up will only be a drop in the ocean unless we expand our reach, bringing in new volunteers and new countries and expanding our commitment beyond the Cleanup to keeping our ocean healthy all year round. We have the opportunity to make significant strides not only in cleaning up the existing trash that is polluting our water, but – more importantly – in reducing the amount that enters the ocean in the first place.

If we all join together and make the ICC's mission an integral part of our daily lives, we could truly *start a sea change*, every day. It starts one day at a time.



10 Things You Can Do To Stop Marine Debris

1. Join Ocean Conservancy's International Cleanup!

Visit www.oceanconservancy.org/coastalcleanup

2. Clean up your trash. Throw all trash away in proper receptacles, even when you're not on the water. Pick up any debris you see while out.

3. Collect your monofilament fishing line.

Don't leave fishing line behind and retrieve any other line you may find while fishing, but be careful not to tug on snagged lines, which could be caught on habitat below the surface.

4. Contain and properly clean spills when boating. Use oil-absorbent rags and materials to clean spills. Check Ocean Conservancy's *Good Mate* manual for helpful tips on reducing your negative impacts on the water.

5. Recycle used motor oil and oil filters. Local gas stations should have appropriate facilities for recycling these materials. NEVER pour oil, paint, antifreeze, or other household chemicals into an open sewer or down a storm drain.

6. Consider organic alternatives to household detergents and cleaners. Use lemon juice, vinegar, and baking soda for household cleaning. Avoid using fertilizers, pesticides, herbicides, and harsh chemical cleaners that can wash into waterways.

7. Choose reusable items and use fewer disposable ones. Use fewer disposable bags when shopping or bring your own reusable ones.

8. Properly dispose of used batteries and electronics. Don't dump them in landfills, use your local recycling center. These items leach harmful chemicals into the environment that take a long time to disperse.

9. Keep streets, sidewalks, parking lots, and storm drains clear of trash and debris – they empty into our ocean.

10. Contact your elected representatives and let them know you care about marine debris – and that they should care, too. Vote for candidates who support marine debris prevention and policies that protect our environment.



Guyana 2007 ICC Sponsors

Banks DIH
Church's Chicken
Demerara Tobacco Company
Guyana Tourism Authority
Medi-Care Pharmacy
Mr. John Chin
Ms. Jennifer Prince
Nigel's Supermarket
Solid Waste Management



Debris Items Collected During the 2007 ICC in Guyana

Debris Items	Land	Underwater	Total	Percentage of Total
Shoreline & Recreational Activities				
Bags	2827	0	2827	11.2%
Balloons	178	0	178	0.7%
Beverage Bottles (plastic) 2 liter or less	8130	0	8130	32.3%
Beverage Bottles (glass)	1237	0	1237	4.9%
Beverage Cans	2668	0	2668	10.6%
Caps/Lids	1302	0	1302	5.2%
Clothing/Shoes	516	0	516	2.0%
Cups, plates, etc	1753	0	1753	7.0%
Food Wrappers	1772	0	1772	7.0%
Pull Tabs	122	0	122	0.5%
Six-Pack Holders	66	0	66	0.3%
Shotgun Shells	72	0	72	0.3%
Straws/Stirrers	1610	0	1610	6.4%
Toys	132	0	132	0.5%
Category Totals	22,385	0	22385	88.8%
Ocean/Waterway Activities				
Bait Containers	123	0	123	0.5%
Bleach/Cleaner	216	0	216	0.9%
Buoys/Floats	153	0	153	0.6%
Crab/Lobster/Fish Traps	36	0	36	0.1%
Crates	32	0	32	0.1%
Fishing Line	47	0	47	0.2%
Fishing Lures/Light Sticks	79	0	79	0.3%
Fishing Nets	34	0	34	0.1%
Light Bulbs	44	0	44	0.2%
Oil/Lube Bottles	293	0	293	1.2%
Pallets	40	0	40	0.2%
Plastic Sheeting	165	0	165	0.7%
Rope	139	0	139	0.6%
Strapping Bands	68	0	68	0.3%
Category Totals	1,469	0	1469	5.8%
Smoking-Related Activities				
Cigarettes/Cigarette Filters	315	0	315	1.2%
Cigarette Lighters	156	0	156	0.6%
Cigar Tips	78	0	78	0.3%
Tobacco Packaging	150	0	150	0.6%
Category Totals	699	0	699	2.8%
Dumping Activities				
Appliances	5	0	5	0.0%
Batteries	148	0	148	0.6%
Building Materials	44	0	44	0.2%
Car/Car Parts	22	0	22	0.1%
55-Gallon Drums	0	0	0	0.0%
Tires	24	0	24	0.1%
Category Totals	243	0	243	1.0%
Medical/Personal Hygiene				
Condoms	243	0	243	1.0%
Diapers	72	0	72	0.3%
Syringes	58	0	58	0.2%
Tampons	32	0	32	0.1%
Category Totals	405	0	405	1.6%
Totals	25,201	0	25201	100.0%