

OCEAN CONSERVANCY'S
International
**Coastal
Cleanup**

START A SEA CHANGE



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SUMMARY REPORT INDIA

2007 State Coordinator:
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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: India

In India, 6,873 volunteers participated in the ICC, removing 128,214.1 pounds of trash and debris from 64.8 miles of shoreline.

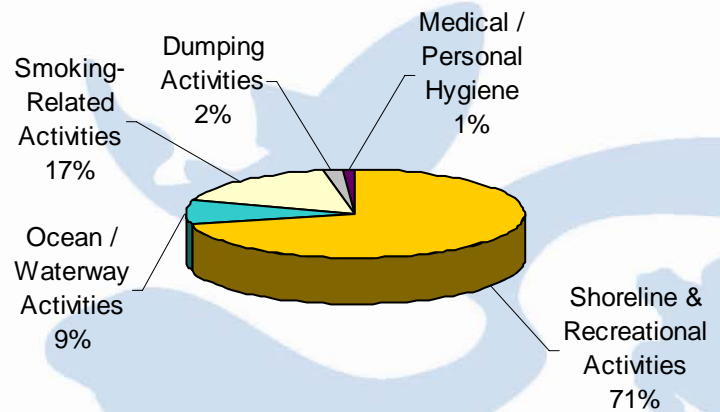
70.7 percent of the debris found in India came from land-based activities like picnics, festivals, sporting events, and beach outings. Litter washed from streets, parking lots, and storm drains also contributed to this category.

Ocean and water-based activities offshore such as boating and fishing accounted for 9.1 percent of India'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 17.1 percent of the debris found in India. 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 81.7 percent of the debris found in India.

2007 ICC: India Sources of Debris



Top Ten Debris Items

Debris Items	Number of Items	Percentage of Total
1. Bags	45,758	35.0%
2. Tobacco Packaging	13,371	10.2%
3. Clothing/Shoes	12,953	9.9%
4. Food Wrappers	9,045	6.9%
5. Cigarettes/ Cigarette Filters	6,996	5.3%
6. Beverage Bottles (glass)	5,253	4.0%
7. Cups/Plates/ Forks/Knives/Spoons	4,757	3.6%
8. Beverage Bottles (plastic) 2 liter or less	3,522	2.7%
9. Caps/Lids	2,717	2.1%
10. Straws/Stirrers	2,495	1.9%
Total Top Ten	106,867	100.0%
Total All Debris Items	130,857	81.67%

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.



Debris Items Collected During the 2007 ICC in India

Debris Items	Land	Underwater	Total	Percentage of Total
Shoreline & Recreational Activities				
Bags	45758	0	45758	35.0%
Balloons	2382	0	2382	1.8%
Beverage Bottles (plastic) 2 liter or less	3522	0	3522	2.7%
Beverage Bottles (glass)	5253	0	5253	4.0%
Beverage Cans	1235	0	1235	0.9%
Caps/Lids	2717	0	2717	2.1%
Clothing/Shoes	12953	0	12953	9.9%
Cups/Plates/Forks/Knives/Spoons	4757	0	4757	3.6%
Food Wrappers	9045	0	9045	6.9%
Pull Tabs	351	0	351	0.3%
Six-Pack Holders	527	0	527	0.4%
Shotgun Shells	366	0	366	0.3%
Straws/Stirrers	2495	0	2495	1.9%
Toys	1164	0	1164	0.9%
Category Totals	92,525	0	92525	70.7%
Ocean/Waterway Activities				
Bait Containers	756	0	756	0.6%
Bleach/Cleaner	727	0	727	0.6%
Buoys/Floats	1237	0	1237	0.9%
Crab/Lobster/Fish Traps	294	0	294	0.2%
Crates	408	0	408	0.3%
Fishing Line	292	0	292	0.2%
Fishing Lures/Light Sticks	338	0	338	0.3%
Fishing Nets	1032	0	1032	0.8%
Light Bulbs	908	0	908	0.7%
Oil/Lube Bottles	786	0	786	0.6%
Pallets	416	0	416	0.3%
Plastic Sheeting	1826	0	1826	1.4%
Rope	2316	0	2316	1.8%
Strapping Bands	548	0	548	0.4%
Category Totals	11,884	0	11884	9.1%
Smoking-Related Activities				
Cigarettes/Cigarette Filters	6996	0	6996	5.3%
Cigarette Lighters	601	0	601	0.5%
Cigar Tips	1404	0	1404	1.1%
Tobacco Packaging	13371	0	13371	10.2%
Category Totals	22,372	0	22372	17.1%
Dumping Activities				
Appliances	77	0	77	0.1%
Batteries	670	0	670	0.5%
Building Materials	762	0	762	0.6%
Car/Car Parts	217	0	217	0.2%
55-Gallon Drums	75	0	75	0.1%
Tires	1002	0	1002	0.8%
Category Totals	2,803	0	2803	2.1%
Medical/Personal Hygiene				
Condoms	524	0	524	0.4%
Diapers	240	0	240	0.2%
Syringes	434	0	434	0.3%
Tampons	75	0	75	0.1%
Category Totals	1,273	0	1273	1.0%
Totals	130,857	0	130857	100.0%

India 2007 ICC: Entangled Animals

Entangled Animals	Invertebrates	Fishes	Reptiles	Birds	Mammals	Amphibians	Total	Percentage of Total
Balloon Ribbon/String	0	0	0	0	0	0	0	0.0%
Beverage Can	0	0	0	0	0	0	0	0.0%
Building Materials	0	0	0	0	0	0	0	0.0%
Crab/Lobster/Fish Traps	0	0	0	0	0	0	0	0.0%
Fishing Line	0	1	0	0	0	0	1	12.5%
Fishing Nets	0	0	0	0	1	0	1	12.5%
Glass Bottle	0	0	0	0	0	0	0	0.0%
Miscellaneous	0	0	0	0	0	0	0	0.0%
Plastic Bags	0	0	0	0	0	0	0	0.0%
Plastic Container	0	0	0	0	0	0	0	0.0%
Rope	0	1	1	0	3	1	6	75.0%
Six-Pack Holders	0	0	0	0	0	0	0	0.0%
Tire	0	0	0	0	0	0	0	0.0%
Wire	0	0	0	0	0	0	0	0.0%
Total	0	2	1	0	4	1	8	100.0%
Percentage of Total	0.0%	25.0%	12.5%	0.0%	50.0%	12.5%	100.0%	