At Disney Cruise Line, we are dedicated to minimizing our impact on the environment through efforts focused on utilizing new technologies, increasing fuel efficiency, minimizing waste and promoting conservation worldwide. We strive to instill positive environmental stewardship in our cast and crew members and seek to inspire others through programs that engage our guests and the communities in our ports of call.

Environmental Overview

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Fuel Efficiency & Energy Conservation

Aboard our ships, efforts are taken to help increase the efficient use of fuel and energy, including:

- **Fuel**: As of Jan. 1, 2020, the International Maritime Organization instituted a regulation that requires all ships to use .5% sulfur fuel compared to 3.5% previously. Disney Cruise Line has taken this a step further by using .1% low sulfur fuel fleetwide at all times. Additionally, The Walt Disney Company previously announced plans to build three additional cruise ships, which will be powered by liquefied natural gas, or LNG, one of the cleanest-burning fuels available.

- **Shore Power**: Currently, three Disney Cruise Line ships have the equipment necessary to plug into shore power if the option is available at the port. Disney Cruise Line coordinates itineraries to be sure shore power-capable ships sail to ports of call that offer this technology.

- **Ship Hull Coating**: Disney Cruise Line made history as the first cruise line to utilize an innovative hull coating on its ships that is both 100 percent non-toxic to the marine environment and effective in increasing fuel efficiency by reducing surface resistance in open water. Additionally, an air lubrication system (ALS) has been installed onboard the Disney Magic to reduce the friction of the ship moving through the water.

- **Water Production**: Excess heat from power generators is used to run evaporators, which, combined with other shipboard initiatives, transform approximately 142,000 gallons of seawater into potable water on board each of our ships every day.

- **Additional Efforts**: Disney Cruise Line increases fuel and energy efficiency by automating onboard air conditioning systems for optimum use in both guest and backstage areas, turning off lights when they are not needed and encouraging guests and crew to reuse bath towels, conserving both energy and water. Furthermore, Disney Cruise Line is in the process of converting all four ships to energy-efficient lighting.

Condensation from the ships’ onboard air conditioning units is recycled to supply fresh water and used to clean the outer decks of the ships.

The design of the ships’ bulbous bow, along with an innovative hull coating that is 100 percent non-toxic to the marine environment, is both effective at reducing resistance in the open water and increasing fuel efficiency.

Guests are encouraged to get involved in conserving water and energy.

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Environmental Officers aboard Disney ships are responsible for monitoring water quality, in addition to other duties. Disney Cruise Line's Waste Minimization efforts include eliminating single-use plastics and conserving resources. Recycling processes help divert waste from traditional waste streams. Condensation is naturally occurring condensation that is recycled to supply fresh water for onboard laundry facilities and for cleaning the outer decks of the ships. Cooking Oil is offloaded and recycled weekly. Recycling and condensation help reduce waste and conserve resources. Water Purification systems are installed to ensure water purity and select earth-friendly cleaners. Environmental Officers are ranked among the most senior leaders on board.
Conservation & Wildlife

On board our ships and off, Disney Cruise Line strives to promote wildlife conservation and the protection of native animal species in our ports of call and around the world.

- **Disney Conservation Fund**: Guests can join Disney Cruise Line in supporting the Disney Conservation Fund (DCF), a global awards program committed to saving wildlife, inspiring action and protecting the planet. Supported by The Walt Disney Company and supplemented by generous guest contributions, since 1995 DCF has directed more than $100 million to save wildlife and protect the planet and inspired millions of people to take action for nature in their communities. Read more at [www.disney.com/conservation](http://www.disney.com/conservation).

- **Coral Reef Restoration**: In collaboration with Disney Cruise Line and The Disney Conservation Fund, a team of researchers have worked since 2007 to rehabilitate coral reefs in The Bahamas. They’ve planted more than 1,000 corals to rehabilitate five coral reefs, providing important habitat for the marine species, including endangered sea turtles, who call coral reefs home. To protect these reefs from excess algae growth, the team also relocates native long-spined sea urchins to the reefs to graze on algae, restoring balance to the ecosystem and allowing new corals to grow. The Disney Conservation Fund is also supporting the Perry Institute for Marine Science to address coral conservation and restoration across The Bahamas alongside more than 20 partner organizations.

- **Disney's Animals, Science and Environment Team**: This internal department of animal care experts and researchers works to uphold high standards of animal care, professionalism, ethics, conservation and education. Disney Cruise Line partners with this team to monitor and review Port Adventures featuring animal experiences, oversee educational excursions highlighting native animals and conduct research on Disney’s island, Castaway Cay.

- **Sea Turtle Protection**: Crew members partner with experts from Disney’s Animals, Science and Environment Team to protect and monitor loggerhead sea turtle nests on Castaway Cay. Their efforts have helped protect this endangered species. In partnership with Sea Turtle Conservancy and Disney’s Vero Beach Resort, Disney Cruise Line is a sponsor of Tour de Turtles, an annual event that follows the marathon migration of sea turtles through the use of satellite telemetry. Scientists follow these sea turtles’ journeys from their nesting beaches to their foraging grounds to learn vital data about their habits at sea and identify migratory patterns.

- **Whale-Watching Networks**: Disney Cruise Line voluntarily participates in a program to record sightings of humpback whales off the coast of Alaska for the National Oceanic and Atmospheric Administration (NOAA) during summer sailings.

- **Avoidance with Marine Mammal or Other Marine Life**: Disney Cruise Line is dedicated to avoiding interactions with marine life. We comply with voluntary seasonal shipping lane changes, voluntary reporting and ship speed reductions. Prior to each season in Alaska, we also conduct marine life avoidance refresher training for our captains and first officers to help them with recognizing whale types, their behavior, and migratory patterns, which is the first step in avoiding interactions.

- **Sustainability**: Disney Cruise Line is working toward sustainability by selecting more seafood from wild or farmed sources that do not compromise the well-being of our oceans.
Environmental Efforts at Castaway Cay

Disney’s island, Castaway Cay, is a 1,000+ acre island located in The Bahamas along the Abacos chain. The vast majority of the island’s acreage remains undeveloped and in a preserved state.

Guest activities impact only a small area of the island, and even there, guests are encouraged to “take only memories, leave only footprints.”

Among its many attributes, the island features a secluded one-mile beach, a natural lagoon and natural protection for ship docking.

- **Solar Power**: For many years, Disney Cruise Line has utilized solar power to heat water for crew areas. Disney Cruise Line recently embarked on a new environmental initiative bringing a five-acre solar facility online at Castaway Cay. This solar facility includes 4,320 solar panels and will generate approximately 70% of the island’s power once complete.

- **Island Restoration**: Disney restores the island’s original ground cover by bringing in plant varieties native to the island to create an authentically natural habitat for guests to explore.

Community Outreach, Inspiration and Education

Disney Cruise Line supports efforts both on board and in the local port communities visited by Disney to inspire children and adults alike to take environmental action in their everyday lives.

- **Community Service**: As part of an ongoing effort, cast and crew members regularly donate their time to benefit port communities. Their efforts include giving back to local nonprofits and leading shore cleanups.

- **“Safety Smart Goes Green”**: On board, Timon and Pumbaa from “The Lion King” help to inspire responsible environmental action by showcasing small steps everyone can take to make a difference for the environment in their everyday lives.

- **Summer Eco-Camps**: Disney Cruise Line sponsors and provides guidance for summer eco-camps in the Caribbean. The camps focus on local biodiversity and habitats and provide children with information about conservation and recycling.