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Scuba diving videos with sharks

LiveAbout uses cookies to provide you with a great user experience. Using LiveAbout, you accept our use of cookies. LiveAbout uses cookies to provide you with a great user experience. Using LiveAbout, you accept our use of cookies. Diving with pure oxygen can kill a diver even at shallow depths. Recreational snorkeling tanks are filled with compressed, purified air. This air contains about 20.9% oxygen. Some risks are associated with the use of pure oxygen in diving. Confusion as to what is in the underwater tank is easy to understand because most people know that we require oxygen to survive. However, our bodies can only process a certain amount of oxygen. Diving with pure oxygen deeper than 20 feet can cause a person to absorb more oxygen than his system can safely handle, leading to central nervous system (CNS) oxygen toxicity. The toxicity of oxygen cns leads to the fact that the diver gets into convulsions (among other things). All it takes is to stop cramps for the diver to climb to a depth of less than 20 feet. Unfortunately, the convulsive diver will not be able to keep the regulator in the mouth, let alone control their depth. Typically, divers experience the toxicity of THE oxygen of the central nervous system to drown. Using pure oxygen (or a mixture of oxygen over 40%) requires special equipment. Oxygen is an excellent catalyst and can cause conventional lubricants and materials used in recreational snorkeling to explode or break into flames. Before touching tanks filled with pure oxygen, divers should be familiar with special procedures, such as opening tank valves from clean oxygen tanks very, very slowly. Without going into the grueling details, there is a significant amount of knowledge and preparation needed for the safe use of oxygen. Knowing that pure oxygen can be dangerous, it is easy to assume that you are unlikely to encounter pure oxygen on a dive boat. Think again. Pure and high percentage oxygen mixtures (such as nitrox or trimix) are used by trained technical and recreational divers to prolong lower time and accelerate decompression. At first glance, pure oxygen is a recommended first aid for most diving injuries. The recreational diver is likely to run through pure oxygen on a dive boat at some point in his diving career. If the diver remembers the risks of pure oxygen: the toxicity of oxygen of the central nervous system, explosions and fires, it is easy to remember what is in the recreational underwater tank: air, clean and simple. You can paint a picture of people flying around the world to get to where they throw anchors over the side of diesel spewing boats into coral reefs, break chunks of coral as souvenirs, spear fish from unstable species and push poles into holes in corals to grab lobster by the neck. In Greece, divers rob archaeological sites. Divers destroy the reserves of the sea ear. In Thailand, diving on many many reefs were banned. Indeed, you have to wonder why this is on TreeHugger. ©, however, there is no reason it should be this way. Diving provides you with a completely different world of color, coral and wildlife. Divers themselves can be at the forefront of underwater conservation, documenting the state of coral reefs, collecting debris. There's a number of things that divers can do to reduce their impact or even make it positive. Here are some tips Gleaned from Green Diving Resources: Green Fins is a UNEP-sponsored organization that encourages dive centers and scuba divers, local communities and governments to work together to reduce their environmental impact. The AWARE Foundation project is a growing movement of scuba divers protecting the ocean planet - one dive at a time. Lloyd Alter on American Dream III/ CC BY 2.0 You don't have to fly to Truk Lagoon to dive, there are dive locations almost everywhere there is water. Admittedly, it's not so much fun to dive into Georgian Bay in the water, which is just above zero, but it's an interesting experience. I took my mom to Fort Lauderdale in March and was able to join a dive boat that was minutes from the hotel I was staying at; I could ride my bike there. Scubadiving.com also recommends that if you are traveling to dive, compensate for your flight and choose your resort wisely for its eco-friendly. It can cause a lot of damage to corals, and raise a lot of precipitation. On American Dream II, from which I dived, they park over the wreck to which we dive, and send a diver to trim the anchor line to the boat. This gives all divers a line to follow down. Here's a wreck we dived on, sank specifically to create a reef for divers. Just look at things and not touching anything. Coral is extremely fragile and simply washing out of flippers can cause damage; At Greenfins, they explain: As you swim, your fins create a wash that can cause sediment and fine debris to disrupt small habitats and cover corals. This will reduce the photosynthetic effectiveness of corals and can lead to its death. It can also lead to small animals being washed away or increase their chances of being predated by other animals. It's not easy; the trend is to want to get close. As Project Aware notes, you should be a buoyancy expert. Underwater plants and animals are more fragile than they appear. Swipe a fin, blow a camera or even a touch can destroy decades of coral growth, damage the plant or harm the animal. Optimize your scuba gear and photos, keep your diving skills sharp, improve your underwater phototechs and continue diving training to fine-tune your skills. Always be aware body, diving equipment and photo equipment to avoid contact with the natural environment. Fortunately, the equipment is always getting better and getting buoyancy right easier than it used to be. When I started diving I had a belt with lead scales on it and a buoyancy compensation vest that wasn't even connected to the tank; I had to pull the regulator out of my mouth and blow it up by hand. Now everything is built into the harness. Divemaster look at me and estimated the amount of weight I need; it was all in the little cartridges that slipped into the harness. A few air injections and you can swim over the bottom and drift with the current. This recommendation from green fins surprised me; Divers always wear gloves because the material is sharp there. That's the point: just by wearing gloves, you get a false sense of protection that can make you hold on to something underwater. This can cause corals to break down, or allow you to get too close to marine life by holding onto rocks and can be dangerous to you as they will not provide any safety from dangerous marine life. © Project Awareness You shouldn't touch things, but picking up trash doesn't count. While looking at some of the things they're picking up in the Marine Garbage Identification Guide, I'd definitely be wearing gloves. On my Fort Lauderdale dive, there was one experienced diver with a special hook and a lobster fishing bag, which he apparently did regularly. They live in niches and holes in corals, so it clearly doesn't do any good for the reef or lobster. It's legal (he even had a special measuring stick because they have to be minimally sized), but is it really necessary? According to Green Fins, it is important that all divers respect the marine environment and only observe the sensitive and fragile species that live in it. Using your hand, dive or nastiness sticks, knives or anything else to move or come into contact with corals and other marine life can cause damage, kill it or in some cases be illegal. A good spear fisherman clean a lot of fish; Years ago I dived out of Naples, Florida and dive master shot 42 spears and missed only once. He still caught 42 fish; one spear passed through two of them. So check your food guide or fish app on your phone and just eat a sustainably managed fish. Responsible diver goes out in public. As Project Aware suggests: Underwater divers are among the strongest ocean protectors on the planet. Now, more than ever, divers like you take a stand. Advocate for conservation, share your underwater images, report environmental damage to the authorities and campaign for change. Fortunately, the change in underwater photography in the last decade has been phenomenal. Where before there was that only photographers you've seen The water was an expensive Nikonos camera with giant cans for flares, now almost everyone spends their dive through their iPhone's hundred dollars waterproof case. This is a remarkable trend; this gives divers something to do and encourages them not to ignite the sediment. Done correctly, diving can support the local economy and create good jobs. Divers can monitor conditions and observe pollutants. that's how you do it. Green Fins /Public Domain For those who are willing to put on an air tank and wet suit, the marine world is one of the last places to appreciate wildlife. The coasts of the US mainland have an abundance of diving spots, while the Caribbean territories and The American islands of the South Pacific offer a full menu of diving spots, including wrecks like near St Croix (pictured), which will excite even the most experienced divers. These world-class diving destinations are worth the trip. Photo: illstudio/Shutterstock The U.S. Virgin Islands (USVI) boasts the perfect diving environment. The clear and warm waters of the Caribbean can be enjoyed all year round, and coastal areas hold an abundance of colorful and unique marine life. St Thomas (pictured), the most accessible of the three main islands in the USVI, has a number of shipwrecks as well as several reefs that are filled with colourful aquatic life. St John, too, has its share of underwater attractions. But the real sea magic of USVI lies near the island of St. Croix. This island, the furthest and most natural of the three, has diving spots such as the famous wall of Cane Bay. In The Bay of Kahn, divers can escape from the shore and explore an incredibly colourful and life-filled reef that sits on the edge of a simple two-mile-deep landing. In addition to reefs that sit in up to 40 feet of water, the area is known for its discarded ship anchors, many of which are more than 200 years old. Photo: Ian Kennedy/flickr Oahu is the epicenter of Hawaii's tourism industry. The state's most populous island, it has most resorts and most of the tourist traffic islands. However, once you head offshore and drop below the waves of the Pacific Ocean, the tourist hordes disappear. In fact, with its wealth of dive shops and resorts that offer underwater tours, Oahu is the perfect destination for both beginners and experienced divers. The sheer number of diving spots (from sunken boats to reefs) means you can enjoy the social scene on the Waikiki sands and still be just a 30-minute boat ride from the quiet, pristine setting. Oahu is also an ideal place for diving wrecking as a number of World War II-era aircraft and ships sit mostly untouched in the waters around the island. Photo: Daniel Majak/Shutterstock Puerto Rico is another Caribbean diving destination worth exploring. With various reefs, walls and trenches, and even some caves, there are enough off the coast of the U.S. territory to seduce both beginners and expert divers alike. Like USVI, USVI, Shipwrecks are resting off the coast of Puerto Rico, adding diving spots to the menu. Mona Island, a natural paradise with giant iguanas, rare bird species and coral reefs with hundreds of marine species, is also a great place for PR divers. Large sea creatures such as turtles, whales and dolphins are sometimes mixed in the area (especially during migration periods). Another amazing underwater world is located near the main southern city of Ponce. Here, a thin stretch of water between the shore and miles of depth landing features colorful reefs and abundant marine life. Completely different settings and a set of experiences and wildlife await along the top of the sea wall. Photo: LeeAnn and Mike/Flickr Barrier Islands of North Carolina are a playground for travelers looking for a quiet beach destination. Unlike many major tropical destinations, these islands remain relatively uncrowded for most of the year. Like the best seaside destinations in the Caribbean, the barrier islands are rich in water attractions. It's a haven for pest divers. Hundreds (more than 600 according to some estimates) ships have disappeared off the islands over the past few centuries. The oldest wreckage dates back to the 16th century, while many later World War II wreckage is also on the menu. Highlights include a German U-boat sunk during World War II. Unlike the Caribbean destinations mentioned earlier, diving on the barrier islands is not ideal all year round. Winter immersion is still possible, although a heavy wet suit is required. This is a great place for people who want to combine diving with all the other attractions to nature that the North Carolina islands have to offer. Photo: KGriff/Shutterstock The Florida Keys deserve a mention because of their warm, clean waters and, more importantly, because they are home to the only living coral barrier reef in U.S. waters. An exotic array of underwater plants and marine animals creates one of the best diving experiences that divers, beginner or expert are most likely without having to carry a passport. It is also one of the most protected reefs in the world. Yes, the ecosystem is fragile, but various features, including mooring buoys that keep boats from anchoring on corals, make it possible to explore this place without worrying about damaging it. The Keys area is also dotted with various shipwrecks. Many of them are located in relatively shallow and clean water, making them ideal for beginners looking for an easy first immersion experience. Photo: NOAA Photo Library/flickr American Samoa is one of the most remote areas in the United States. This archipelago, located in the South Pacific, is considered by many to be a true tropical paradise. This paradise is also under the in places like the National Marine Sanctuary Samoa. This protected area is home to life-filled coral reefs and pristine seascapes that attract a variety of migratory animals, as well as provide a protected place for numerous native species. Migratory whales and turtles sometimes pass through the waters of Fagatle, while unusual species such as giant molluscs call reefs home all year round. American Samoa is also a great place for coastal diving. This is especially true in nature dominated by the island of Tutuila, which is almost entirely ringed by coral reefs. Oku Island, known for its utterly idyllic beaches, also has a vast coral reef that stretches over 300 acres. Photo: Jack Drake/Shutterstock California's Channel Islands sit off the coast of Santa Barbara, north of Los Angeles. It is one of the most wildlife-rich stretches of water on the West Coast. The ocean around this archipelago of eight islands is home to a number of unique species, including sea lions and dolphins, huge sea bass (some weighing hundreds of pounds), and giant eels. The vast algae of the forest (pictured) provide an unusual diving environment. Five of the eight Channel Islands are part of the Channel Islands National Park and Marine Sanctuary. It's a year-round dive destination, although the water can get as cold as 50 degrees in winter, so a heavy wet suit is fine. Some dive outfitters even use large yachts to attract divers on multi-day trips as they explore the underwater landscapes of the islands in depth. Depth.

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