TCI Grand Turk Biorock Projects
Before and After Hurricane Ike

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Grand Turk Biorock® projects before and after Hurricane Ike, which damaged or in some cases destroyed 80 % of all buildings on the island in September 2008.

These are photos of projects in Grand Turks, Turks and Caicos Islands before and after Hurricane Ike, the worst ever recorded there, damaged or in some cases destroyed 80 % of the buildings on the island in September 2008. These structures were not attached to the sea floor, and were simply sitting on sand under their own weight. The first project is about 20 feet by 20 feet, the second about 60 feet long. One module sagged, but it had not been welded only tied together, and the wires had rusted off while it was not under power. A new welded structure was placed above it, but the collapsed module remains connected and growing. The loss of corals was not significant, as most had only been put on just before the hurricane and not yet had a chance to cement themselves on.

We hope this contributes to a better understanding of how Biorock projects do in hurricanes, typhoons, and cyclones.
N.B. After Hurricane Ike the structure on the right, which had not been welded, and whose tie wire had rusted while it was without power, sagged. The corals were removed and later transplanted onto a new welded module placed above the old sagged one, which remains connected and growing.