

## Reefs from concrete show, how Korallen can grow

20 "reef ball" is sunk per square kilometer, each 1.5 tons heavily



Biologists of the US-American "national Coral Reef of institutes" in Florida sink artificial reefs from concrete. Up to 20 of these 1.5 tons of heavy "reef ball" per square kilometer in the sea are sunk. "We want to find, whether it is at all possible, corral reefs out to restore", describe Dr. Richard E. players, "and, if, in which way. It concerns particularly such corral reefs, those through basic contact from ships was damaged."

Straight ones before Florida are the reefs not only by the global heating up, but also by ships endangers. Their trunks sharpen over the reason and break off the sensitive Korallen. In order to reach a new settlement from Korallen to, the researchers must examine first, which organisms as first on the artificial reefs to establish itself.

"We examine bacteria, from which we assume that they facilitate, describe the settlement of Korallen" for Judy Robinson. "For it we let windowpanes hope in the water and that these microbes settle on it. We take also samples of microbes, on Reef ball settle." The Reef of ball with their cavities at the same time grants protection for smaller fish and offers so a replacement for the destroyed natural Korallen. Dr. Bernhard Riegl knows: "Corral reefs are possibly one of the most important ecological systems. Corral reefs are called also the rain forests of the sea, because they contain the largest diversity of species of the whole earth together with rain forests." Like plants Korallen extract the climatcharmful CO2 from our atmosphere.

In order to be able to kartographieren the reefs presumtuously and, use the scientists Satellitenaufnahmen, observations of divers and photographs from air. Their goal is a global network of points of observation. "Regional differences to know it is important, in order to be able to say whether world-wide climatic change has world-wide same consequences, or whether actually regional factors the whole describes abpuffern to be able or the situation negatively to affect be able", to Dr. Riegl.

### Links

- The research projects "national of the Coral Reef of institutes"

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