

Cleaning up Tokyo's beaches: An Olympic task

September 6 2018, by Kyoko Hasegawa



Children swim at Odaiba seaside park in Tokyo Bay with the skyline of the world's biggest city shimmering behind them

On a blazing hot Tokyo summer day, children squeal with delight as they splash about on a sandy beach, with the skyline of the world's biggest

city shimmering behind them.

The scene may seem unremarkable but it was unthinkable until recently when local activists decided to clean up the polluted water at city beaches, hoping to leave a legacy from the Tokyo 2020 Olympic Games.

"Tokyo Bay used to have many swimmable beaches," recalls one of these activists, 70-year-old Yuzo Sekiguchi. "But by the time the last Tokyo Olympic Games were held in 1964... the water was polluted by factory effluent."

"I decided to bring back clean Tokyo beaches for the next generation," he told AFP.

Sekiguchi, whose ancestors fished these waters for generations, used natural elements like seaweed and oysters to purify the waters at a section of the beach in Tokyo Bay, which faces the vast Japanese capital.

"Each oyster can purify 400 litres (105 US gallons) of water every day," he said.

The oysters gobble plankton and absorb bacteria, making the water clearer and cleaner. They remain edible though authorities don't recommend consuming them thanks to the bacteria content.

The stretch of shore that Sekiguchi has been cleaning up first opened for swimmers in 2012, initially for just a few days as an experiment.



Despite efforts by environmental activists and improvements in sewerage facilities, pollution in the water around Tokyo has been a concern as the city gears up to host the 2020 Games

But it has been available to swimmers almost all summer round since 2015. This year it is open for 42 days, thanks to popular demand—a week longer than in 2017.

'Sense of safety'

Each year, authorities test the water quality before giving permission for swimming at the beaches. And while Sekiguchi decided to start the clean-up work on his own initiative, he has since received backing, including financial support, from the local government.

Despite measures by people like Sekiguchi and improvements in sewerage facilities, pollution in the water around Tokyo has been a concern as the city gears up to host the 2020 Games.

Organisers admitted in October last year that prolonged summer rain had temporarily brought high levels of bacteria to the triathlon venue, sparking concern from international Olympic officials.

But Olympic planners say they are confident that a combination of better sewerage facilities and the introduction of underwater screens will keep the water quality to international standards during the Games.

"We will create an environment that will enable athletes to perform at their best with a sense of safety," Tokyo 2020 official Hidemasa Nakamura told a recent news conference announcing the triathlon courses.

Unlike other major bay-side cities, such as Sydney or San Francisco, the densely populated Tokyo bay area has few natural landscapes remaining—the result of years of development of public ports, container wharves, and Haneda airport.



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As a residential area, most of the bay is relatively unloved with rental and purchase prices there far below more fashionable areas of the expensive city.

Development of the area dates back to the 16th century but rapid construction and pollution from Japan's post-war "economic miracle" made going for a dip there unthinkable to Tokyoites.

Kenji Morita, another activist trying to clean up the [water](#), said: "After heavy pollution in the 1970s, people have long forgotten about the sea in

part because the Tokyo beaches were transformed into harbours, which are off-limits in general."

Olympic momentum

Like Sekiguchi, the 60-year-old Morita is cultivating laver seaweed and clams in a bid to purify waters in Odaiba, the venue for the Tokyo 2020 triathlon and marathon swimming.

This year, beaches in Odaiba were opened for swimming for nine days as a trial, with the [water quality](#) checked daily before bathers were allowed to submerge themselves.

Morita said his project had the unexpected benefit of appealing to people with disabilities as Tokyo seeks to improve facilities ahead of the Paralympic Games.

"When I first started this five years ago, I didn't realise it, but this place has easy access for everyone," thanks to ramps and lifts, he said.



Odaiba seaside park in Tokyo Bay will be the venue for the triathlon and marathon swimming events at the Tokyo 2020 Olympics

"People with a physical or mental impairment choose to come to Odaiba instead of going somewhere outside Tokyo."

"I see a lot of potential here in building enthusiasm for the Tokyo Paralympics," added Morita.

And many believe that the upcoming Olympics, now less than two years away, is the perfect opportunity for Tokyo to clean up its act.

The mayor in charge of the Odaiba area has pledged to "make a swimmable Odaiba sea a legacy of the Tokyo 2020 Games."

Sekiguchi, an architect who also runs his own museum, said his project was driven by "frustration for not being able to give my daughter the natural experiences that I had."

"In 2020, if Tokyo can show the world a way of life that can coexist with nature, I think Tokyo will earn global respect."

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