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avant-garde life on water

PRESS BOOK

A FUTURE AFLOAT

The Future Of

LIFE ON AND ABOVE THE WATER

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FLOATING SOLUTIONS

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Topic: Arkup & Waterstudio
Source: Internet

Name: FINANCIAL TIMES
Date : 6/5/2019

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Special Report **The Future of Cities**

Urban planning

Architects look to floating cities as sea levels rise

Some argue that waterborne homes — and stadiums — could be a response to climate concerns

On board: Floating homes in IJburg, an Amsterdam suburb © Alamy

Edwin Heathcote JUNE 5, 2019

New York, London, Shanghai, Jakarta, Manila, Houston, Miami, Rio de Janeiro — all these cities and more are threatened by potential rises in sea level from climate change. Without dramatic action, in a century or less some of the world's most expensive real estate could be under water. So it is unsurprising that architects and engineers are looking seriously at a future of floating cities.

As often with water engineering, the Dutch are at the forefront. Living in a country which owes its existence to the struggle to find equilibrium with the sea, they are the pioneers of a small but increasingly important-looking architectural future.

A short tram ride from central Amsterdam is IJburg, a well-planned suburb of decent housing and wide roads built on reclaimed land. At its edges the streets dissolve into jetties and houses sit on the water. One of the first large floating suburbs, it is an enticing vision of water living, with houses on concrete rafts and ducks swimming between.

These are well-designed and built homes for city workers priced out of the centre of a city affected by gentrification, tourism and Airbnb-style rentals. Some houses are minimally modernist, others quirkily eccentric. Some look like suburban cottages on water, others like streamlined nautical hybrids, ready to sail away. One neighbourhood, Steigereiland, was built by architects Marlies Rohmer, an elegant Bauhaus dream of white walls, flat roofs, steel and glass.

Topic: Arkup & Waterstudio
Source: Internet

Name: THE WALL STREET JOURNAL
Date : 2/18/2020

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Are Floating Hotels, Office Buildings the Answer to Rising Sea Levels?

More developers see waterborne structures as a way to alleviate housing shortages and to support temporary events like the 2022 soccer World Cup

Artist rendering of a three-story floating office building RED Company is building in Rotterdam, Netherlands.

PHOTO: RED COMPANY

By
Konrad Putzier
Feb. 18, 2020 7:00 am ET

A real-estate investor is building 16 hotels for the 2022 soccer World Cup in Qatar, but they won't be there for long. All of them will be floating on water.

Topic: Arkup & Waterstudio
Source: Internet

Name: BBC
Date : 12/21/2017

BBC

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Design

Are floating homes the next frontier for urban design?

Architecture that works with water, rising with floods and sitting upon unused city space, may be the future of urban planning, say these innovative designers.

SEA-LEVEL RISE

Topic: Sea-level Rise
Source: Internet

Name: THE GUARDIAN
Date : 11/6/2019

The Guardian

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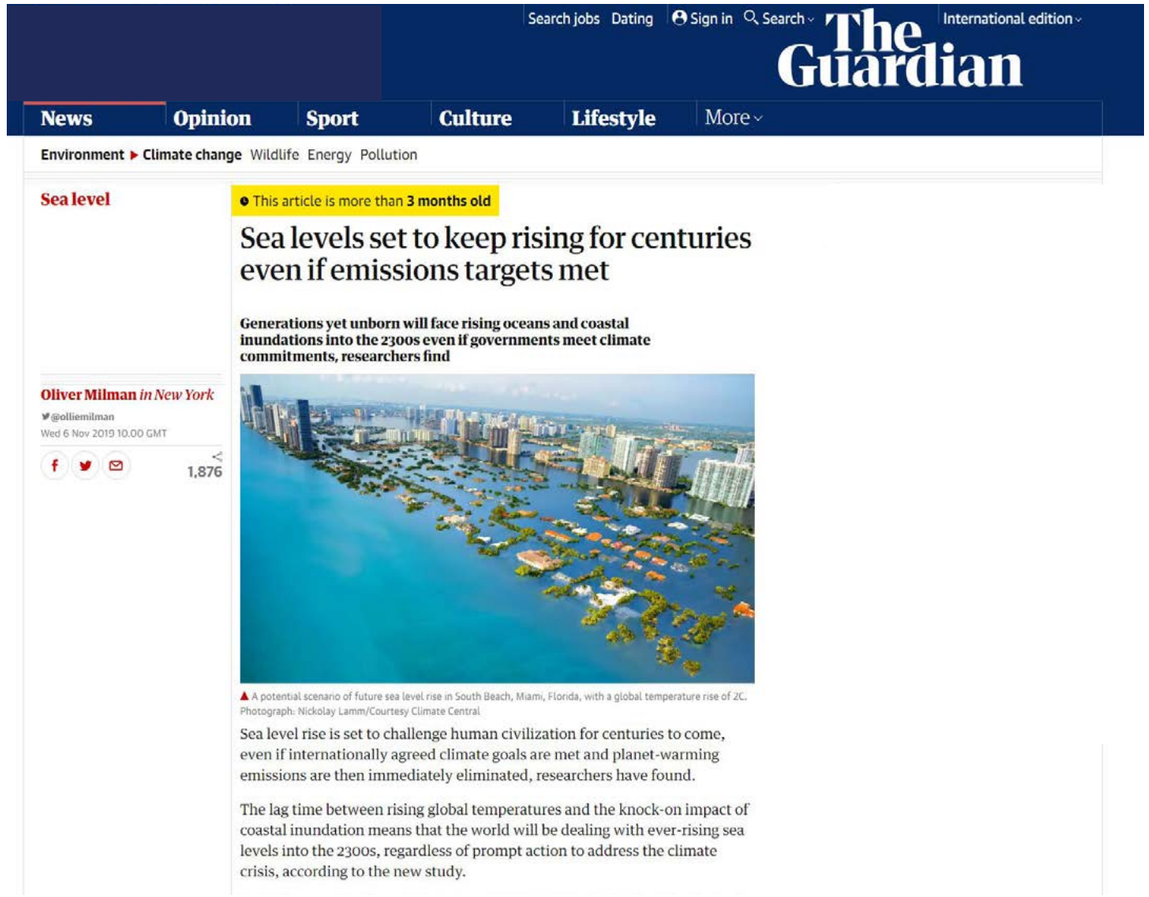

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Sea level

This article is more than 3 months old

Sea levels set to keep rising for centuries even if emissions targets met

Generations yet unborn will face rising oceans and coastal inundations into the 2300s even if governments meet climate commitments, researchers find

Oliver Milman *in New York*

@olliemilman

Wed 6 Nov 2019 10.00 GMT

1,876

▲ A potential scenario of future sea level rise in South Beach, Miami, Florida, with a global temperature rise of 2C. Photograph: Nickolay Lamm/Courtesy Climate Central

Sea level rise is set to challenge human civilization for centuries to come, even if internationally agreed climate goals are met and planet-warming emissions are then immediately eliminated, researchers have found.

The lag time between rising global temperatures and the knock-on impact of coastal inundation means that the world will be dealing with ever-rising sea levels into the 2300s, regardless of prompt action to address the climate crisis, according to the new study.

Topic: Sea-level Rise
Source: Internet

Name: THE WASHINGTON POST
Date : 8/8/2019

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Capital Weather Gang • Analysis

Sea level rise is combining with other factors to regularly flood Miami

The city is running out of options to deal with it.

A cyclist rides past a flooded area during a King Tide, an especially high tide, in Miami, on Oct. 9, 2018. (Wilfredo Lee/AP)

By **Matthew Cappucci**
August 8, 2019

It doesn't take a hurricane to cause flooding in Miami anymore. In fact, it doesn't even take a gust of wind.

"King tides" have been taking a toll on Miami for a number of years, and the phenomenon is only getting worse because of sea-level rise from human-induced climate change. A king tide is a higher -than-normal tide caused by specific alignments of the sun and moon.

Topic: Sea-level Rise
Source: Internet

Name: INDEPENDENT
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Environment > Climate Change

Rising sea level threatens 'hundreds' of Caribbean resorts, says UN report

Michael McCarthy | @mjpmccarthy , **Environment Editor** , **in Cancun** | Wednesday 1 December 2010 01:00 |

AP

Rising sea levels caused by climate change are set to cause damage of billions of dollars to the islands states of the Caribbean by the middle of the century, including wiping out more than 300 premium tourist resorts, a remarkable new report suggested yesterday.

Airports, power plants, roads and agricultural land in low-lying areas, as well as prime tourist locations on islands from Bermuda to Barbados, and from St Kitts and Nevis to St Vincent and the Grenadines, will be all be lost or severely damaged, with dire implications for national economies and for the welfare of hundreds of thousands, perhaps millions, of people,

Topic: Sea-level Rise
Source: Internet

Name: BUSINESS INSIDER
Date : 4/12/2018

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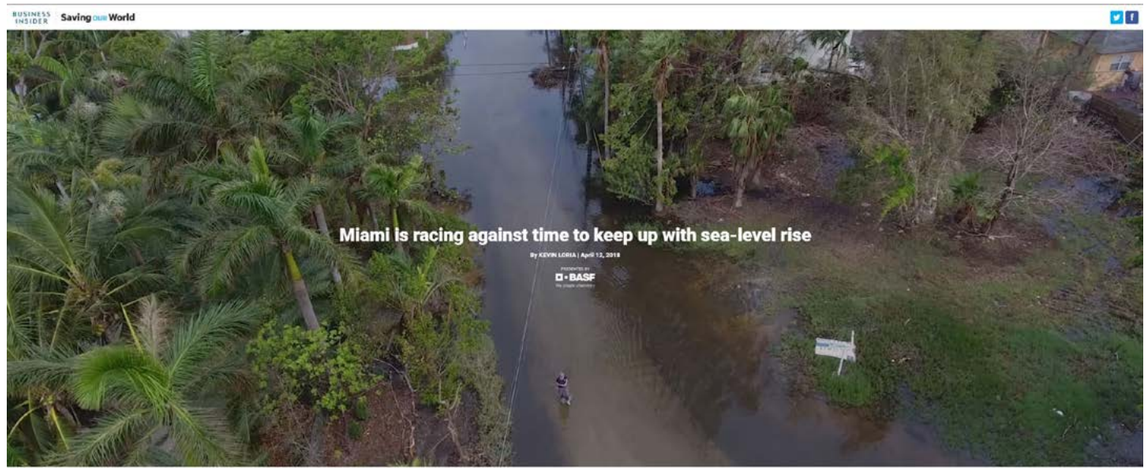

- Miami and Miami Beach already struggle with serious flooding related to sea-level rise — even when there is no rain.
- The ground under the cities of South Florida is largely porous limestone, which means water will eventually rise up through it.
- The cities are taking flood-control measures like installing pumps, raising roads, and restoring wetlands.
- Coastal cities around the world face similar problems.

When the flooding is really bad, water doesn't just fill the streets outside Manolo Pedraza's house. It bubbles up through a shower drain.

Pedraza lives in Shorecrest, a northern Miami neighborhood that faces flooding so regularly it happens even when it hasn't rained. All it takes to fill

Topic: Sea-level Rise
Source: TV News

Name: CBS4 MIAMI
Date : 5/21/2019

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Faster Than Previously Predicted, Rising Sea Levels Could Submerge Huge Coastal Cities

May 21, 2019 at 10:44 pm **Filed Under:** Climate change, Coastal Cities, Environment, Florida News, Local TV, Miami News, Rising Sea Levels

MIAMI (CBSMiami/CNN) – A new study has a grim forecast for several coastal cities around the globe.

Global sea levels could rise more than six and a half feet by the end of this century if emissions continue unchecked, swamping major cities such as New York and Shanghai and displacing up to 187 million people, a new study warns.

Since 1992, the sea level has risen 3.5 inches in South Florida and it's not stopping.

"We've been increasing at a small level every year," Jane Gilbert said.

Topic: Sea-level Rise
Source: Internet

Name: MIAMI HERALD
Date : 12/4/2019

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ENVIRONMENT

New projections show that South Florida is in for even more sea level rise

BY ALEX HARRIS

DECEMBER 04, 2019 08:34 AM

During the highest tides of the year in Miami-Dade County, volunteers head to the flood zones to measure water depth and quality as part of Sea Level Solutions Day. The goal is to track flooding to better inform climate resilience policies. BY JACK BROOK

The timeline for South Florida to prepare for sea level rise just sped up a little. New projections show the region is in for higher seas, faster.

The latest predictions aren't catastrophically different than previous years — unless your yard is already flooding a couple of times a year from the steadily encroaching seas. In that case, a few inches a few years early is pretty important.

The sea rise curves unveiled Wednesday at the Southeast Florida Climate Leadership Summit in Key West tack on about three to five extra inches by 2060, and that number only gets bigger in the

Topic: Sea-level Rise
Source: Internet

Name: CURBED
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PROPERTY LINES

Are waterfront hotels ready for climate change?

On the front lines of rising seas and extreme weather, the hospitality and tourism industry recalculates real estate and insurance risks

By Patrick Sisson | May 28, 2019, 1:57pm EDT

Miami Beach, a tourism destination facing extreme coastal real estate risk due to climate change. Few industries will face the reality of rising sea levels head on more than the hotel industry. | Shutterstock

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PROPERTY LINES

Property Lines is a column by Curbed senior reporter Patrick Sisson that spotlights real estate trends and hot housing markets across the country.

Comments, tips, and suggestions on where Property Lines should head next are welcome at patrick@curbed.com.

Memorial Day weekend ushers in the unofficial start to summer tourism season, and the strong economy suggests this may be an especially great season for the hospitality industry. But, while throngs of vacation travelers head for sunny beachfronts, it's also the start of the hurricane season, which, as the impacts of climate change continue to accelerate, will become a growing risk to the industry.

Topic: Sea-level Rise
Source: Internet

Name: DEPARTURES
Date : 2/22/2017

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Travel

Into the Blue: Saving the Maldives

Alexander Spacher

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While the Maldives struggles to deal with the rising seas of climate change, new resorts like the St. Regis are doing their small part.

By Austin Merrill on February 22, 2017

The view from the John Jacob Astor Estate at the new St. Regis resort in the Maldives faces northwest. Step onto the second-floor veranda, off the master bedroom, and you look out over your own spiral jetty, past the distant whitecaps at the rim of the Dhaalu Atoll, and off into the expanse of the Indian Ocean and the Arabian Sea beyond.

Ocean and the Arabian Sea beyond. It's an impressive view, rivaled only, perhaps, by the estate itself—an extravagant overwater villa that rests on concrete stilts, is full of bespoke furniture and art, and covers more than 16,500 square feet, spanning three buildings. There's a 990-square-foot infinity pool alongside a huge sand-filled beach deck, all built about ten feet off the water.

FLOATING SOLUTIONS

Topic: Floating Solutions
Source: Internet

Name: FORBES
Date : 11/25/2018

Forbes

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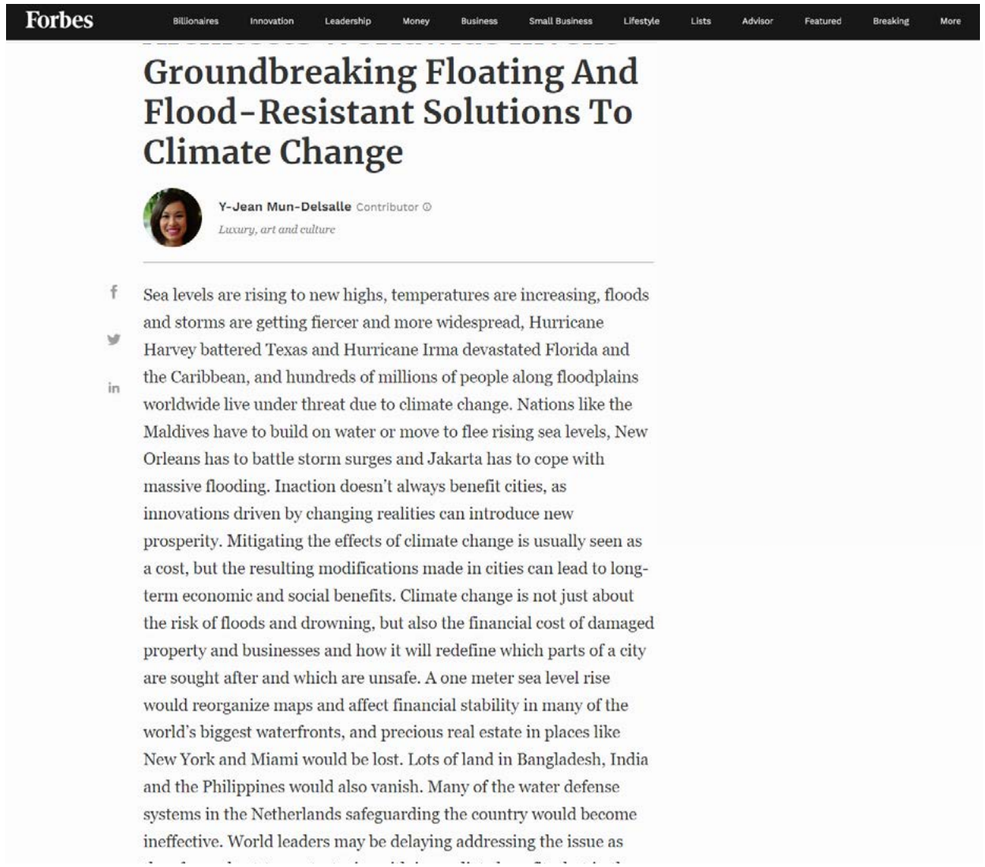

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Groundbreaking Floating And Flood-Resistant Solutions To Climate Change

Y-Jean Mun-Delsalle Contributor

Luxury, art and culture

Sea levels are rising to new highs, temperatures are increasing, floods and storms are getting fiercer and more widespread, Hurricane Harvey battered Texas and Hurricane Irma devastated Florida and the Caribbean, and hundreds of millions of people along floodplains worldwide live under threat due to climate change. Nations like the Maldives have to build on water or move to flee rising sea levels, New Orleans has to battle storm surges and Jakarta has to cope with massive flooding. Inaction doesn't always benefit cities, as innovations driven by changing realities can introduce new prosperity. Mitigating the effects of climate change is usually seen as a cost, but the resulting modifications made in cities can lead to long-term economic and social benefits. Climate change is not just about the risk of floods and drowning, but also the financial cost of damaged property and businesses and how it will redefine which parts of a city are sought after and which are unsafe. A one meter sea level rise would reorganize maps and affect financial stability in many of the world's biggest waterfronts, and precious real estate in places like New York and Miami would be lost. Lots of land in Bangladesh, India and the Philippines would also vanish. Many of the water defense systems in the Netherlands safeguarding the country would become ineffective. World leaders may be delaying addressing the issue as

Topic: Floating Solutions
Source: Internet

Name: FORBES
Date : 12/2/2019

Forbes

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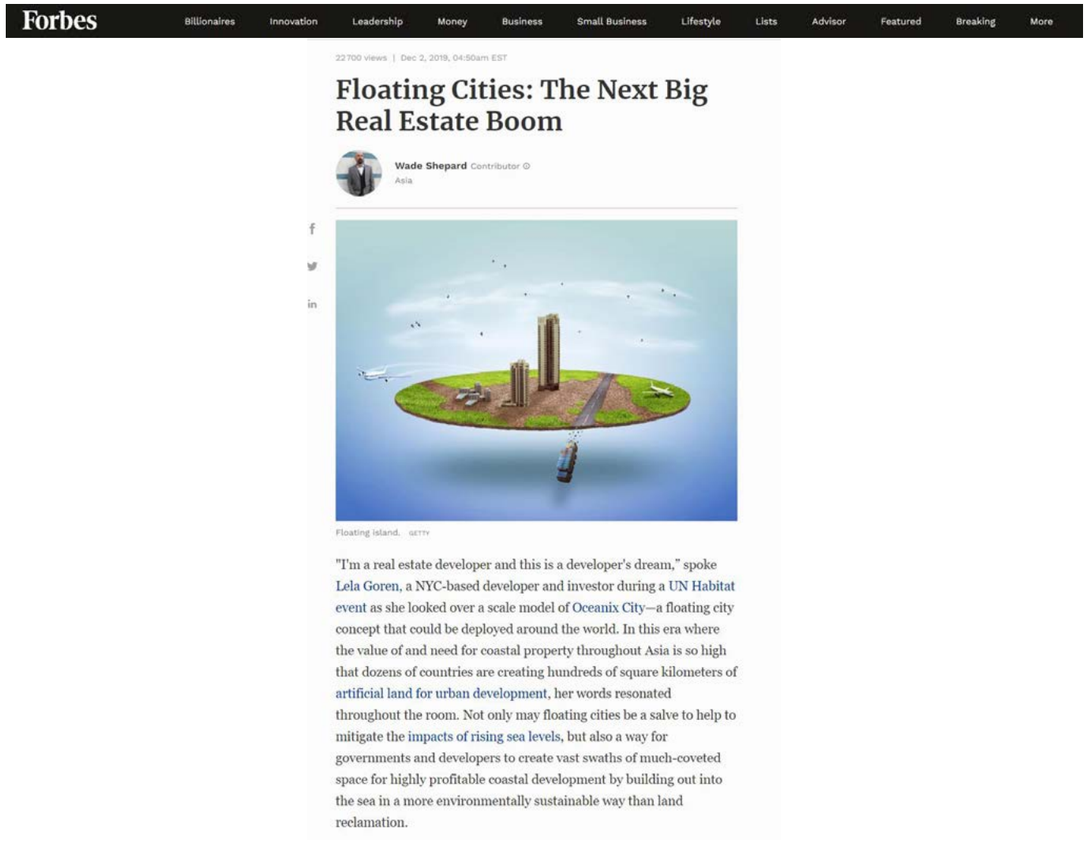

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22 700 views | Dec 2, 2019, 04:50am EST

Floating Cities: The Next Big Real Estate Boom

Wade Shepard Contributor
Asia

Floating island. GETTY

"I'm a real estate developer and this is a developer's dream," spoke Lela Goren, a NYC-based developer and investor during a UN Habitat event as she looked over a scale model of Oceanix City—a floating city concept that could be deployed around the world. In this era where the value of and need for coastal property throughout Asia is so high that dozens of countries are creating hundreds of square kilometers of artificial land for urban development, her words resonated throughout the room. Not only may floating cities be a salve to help to mitigate the impacts of rising sea levels, but also a way for governments and developers to create vast swaths of much-coveted space for highly profitable coastal development by building out into the sea in a more environmentally sustainable way than land reclamation.

Topic: Floating Solutions
Source: Internet

Name: THE NEW YORK TIMES
Date : 10/14/2018

The New York Times

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The New York Times

Among the Ruins of Mexico Beach Stands One House, Built 'for the Big One'

The elevated house that the owners call the Sand Palace, on 36th Street in Mexico Beach, Fla., came through Hurricane Michael almost unscathed. Johnny Milano for The New York Times

By Patricia Mazzei

Oct. 14, 2018

721

MEXICO BEACH, Fla. — As they built their dream house last year on the shimmering sands of the Gulf of Mexico, Russell King and his nephew, Dr. Lebron Lackey, painstakingly documented every detail of the elevated construction, from the 40-foot pilings buried into the ground to the types of screws drilled into the walls. They picked gleaming paints from a palette of shore colors, chose salt-tolerant species to plant in the beach dunes and christened their

Topic: Floating Solutions
Source: Internet

Name: THE NEW YORK TIMES
Date : 11/13/2017

The New York Times

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The New York Times

Floating Cities, No Longer Science Fiction, Begin to Take Shape

A rendering of the Floating Island Project in French Polynesia. Blue Frontiers will build and operate the islands, with the goal of building about a dozen by 2020, including homes, hotels, offices and restaurants, at a cost of about $60 million.Credit...Blue Frontiers

By David Gelles

Nov. 13, 2017

It is an idea at once audacious and simplistic, a seeming impossibility that is now technologically within reach: cities floating in international waters — independent, self-sustaining nation-states at sea.

Long the stuff of science fiction, so-called "seasteading" has in recent years matured from pure fantasy into something approaching reality, and there are now companies, academics, architects and even a government working together on a prototype by 2020.

At the center of the effort is the Seasteading Institute, a nonprofit organization based in San Francisco. Founded in 2008, the group has spent about a decade trying to convince the public that seasteading is not an entirely crazy idea.

Topic: Floating Solutions
Source: Internet

Name: THE NEW YORK TIMES
Date : 11/28/2016

The New York Times

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ART & DESIGN

Offshoring the Future of Housing

By CHRISTOPHER F. SCHUETZE NOV. 28, 2016

Floating houses in Amsterdam designed by Koen Olthuis. Mr. Olthuis's architectural firm, Waterstudio, which he founded in 2003, has completed more than 200 floating homes and offices. Friso Spoelstra/Waterstudio.nl

Floating houses in Amsterdam designed by Koen Olthuis. Mr. Olthuis's architectural firm, Waterstudio, which he founded in 2003, has completed more than 200 floating homes and offices. CreditFriso Spoelstra/Waterstudio.nl

RIJSWIJK, The Netherlands — Early next year when a converted cargo container on a floating foundation of plastic bottles opens on the flood-prone shores of Korail Bosti, Bangladesh's largest slum, few of its users are likely to celebrate the 320-square-foot space as a revolution. Yet, according to Koen Olthuis, the lead architect on the project, it is part of the greatest transformation in urbanism since Elisha Otis built the safety brake that gave rise to the modern elevator, skyscrapers and ultimately urban density.

"It will change the DNA of cities," Mr. Olthuis said of the technology at the heart of his designs in an interview in his studio, a converted supermarket in this suburb of The Hague that also serves as his business headquarters.

Topic: Floating Solutions
Source: Internet

Name: BISCAYNE TIMES
Date : 3/2017

BISCAYNE Times

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A Future Afloat

Written By Erik Bojnansky, BT Senior Writer
MARCH 2017

IT MAY SOUND CRAZY TODAY, BUT DESIGNERS AND ENGINEERS AROUND THE WORLD ARE ALREADY EMBRACING LIFE ON THE WATER

For more than 14 years, Dutch architect Koen Olthuis has been designing buildings that float. His portfolio includes the construction of 200 floating homes and offices in the Netherlands.

Later this year, luxurious floating islands designed by his Rijswijk-based architecture firm, Waterstudio, will be shipped from the Netherlands to Dubai and the Maldives. Olthuis is also experimenting with floating computer classrooms and other facilities called City Apps that he

Olthuis has other ambitious ideas, too. On his architecture firm's website, www.Waterstudio.nl, you'll find plans for floating apartment buildings, floating restaurants, floating hotels, floating cruise ship terminals, floating places of worship, floating beaches, floating golf courses, floating "sea trees" for animals, floating facilities (City Apps) for flooded slums, and floating islands for the very wealthy.

"When we started in 2003, we were the only office that was 100 percent into floating structures," says Olthuis. "Everybody said we were crazy. But we saw the market, and today there are many, many architects working on floating structures in Holland and in Europe. It has become more mainstream."

Olthuis also wants to bring his designs to Miami's urban areas and show that water, especially in the form of rising sea levels, doesn't have to be an obstacle to future development. It can be an asset.

"The reason I'm an architect is that our cities are not perfect. They don't function as well as they should," says Olthuis, who floats his structures on concrete box foundations filled with Styrofoam. "I think that water is the next ingredient to improve the performance of cities."

Rising seas pose a major threat to Greater Miami. Within the next 80 years, climate change may result in ocean levels that are up to seven feet higher than today, washing out huge sections of flat Florida. But Olthuis feels his floating structures can literally rise to the challenges that tides could bring in the coming decades. And for the present, he argues, floating neighborhoods can provide greater flexibility for urban planners, especially in places like Miami and Manhattan, where vacant land is scarce and expensive.

Topic: Floating Solutions
Source: Internet

Name: NBC NEWS
Date : 4/9/2018

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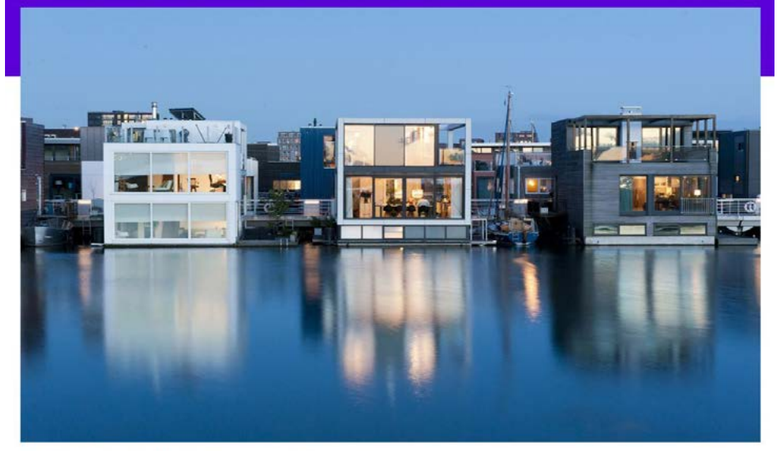
How floating architecture could help save cities from rising seas

Raftlike homes and buoyant buildings may be a fix for rising sea levels.



Floating homes in Amsterdam's IJBurg neighborhood. Waterstudio

April 9, 2018, 12:17 PM CDT / Updated April 9, 2018, 12:17 PM CDT

By Kate Baggaley

From New York to Shanghai, coastal cities around the world are at risk from rising sea levels and unpredictable storm surges. But rather than simply building higher seawalls to hold back floodwaters, many builders and urban planners are turning to floating and amphibious architecture – and finding ways to adapt buildings to this new reality.

Topic: Floating Solutions
Source: Internet

Name: NBC NEWS
Date : 11/21/2017

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MACH

World's first floating village to breathe new life into old dream

By 2020, linked platforms in a Tahitian lagoon could become home to 200 to 300 people.

Blue Frontiers has signed a memorandum of understanding with the French Polynesian government to build a $60 million floating village on the south side of the main island of Tahiti. Courtesy Blue Frontiers

Nov. 21, 2017, 11:39 AM CST / Updated Nov. 21, 2017, 11:39 AM CST

By Tom Metcalfe

Cities at sea, afloat on the waves, have long been a cherished dream for forward-thinking architects and science fiction writers. Now the world's first fully floating community is set to take shape in the turquoise waters of a Tahitian lagoon.

Blue Frontiers, a Singapore-based start-up, has signed a memorandum of understanding with the French Polynesian government to build a $60-million floating village on the south side of the main island of Tahiti, with a prospective starting date of 2020.

The village will serve as a showcase and test bed for technologies that will be needed to create much larger floating communities, says Joe Quirk, president of the Seasteading Institute, a San Francisco-

Topic: Floating Solutions
Source: Internet

Name: CNN
Date : 2/6/2014

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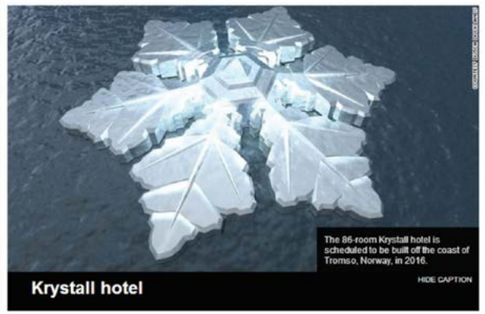
CNN

Part of complete coverage on CNN Style

STYLE

Floating snowflake could be the world's coolest hotel

By Barry Neild, CNN
August 6, 2014 -- Updated 0722 GMT (1522 HKT)



The 86-room Krystall hotel is scheduled to be built off the coast of Tromso, Norway, in 2016.

Krystall hotel

HIDE CAPTION

STORY HIGHLIGHTS

- Krystall hotel scheduled to open off the coast of Norway in 2016
- Architect Koen Olthuis says the hotel is inspired by Dutch floating houses
- Krystall follows another floating hotel venture being build off the Maldives
- Designer says hotel design addresses climate change conditions

(CNN) -- The Krystall hotel will doubtless inspire a few gags about a frosty reception when it opens in December 2016, but once guests realize they're about to check in to a giant floating snowflake, it could just as easily melt hearts.

The 86-room luxury venue has been designed by architecture firm Dutch Docklands for the Norwegian city of Tromso, offering clients a unique destination and an unrivaled spot from which to view the northern lights.

"We call it a scar-less development," architect Koen Olthuis tells CNN, explaining why the five-star Krystall will sit in icy waters off Tromso's rugged coastline rather than on dry land.

Topic: Floating Solutions
Source: Internet

Name: BBC NEWS
Date : 2/22/2014

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Flood-proof homes the Dutch way

As thousands in the UK continue to deal with the misery of flooding, the Netherlands is pioneering the field of flood-proof homes.

Projects include floating homes, which rise and fall with the water levels, and amphibious homes that sit on dry land but float is water encroaches.

While the amphibious houses cost about 20% more than conventional buildings, the Dutch have learned the investment is still cheaper than that of cleaning up afterwards.

Anna Holligan reports.

22 Feb 2014

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Topic: Floating Solutions
Source: Internet

Name: BBC NEWS
Date : 4/7/2019

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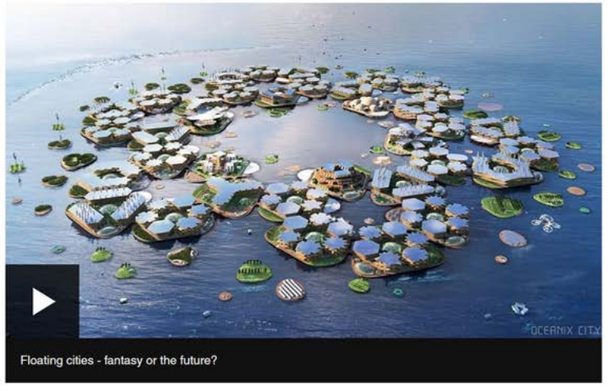
Floating cities - fantasy or the future?

By George Wright
BBC News

7 April 2019 Share



Floating cities - fantasy or the future?

Floating cities have long seemed like a utopian pipedream based on little more than fantasy.

But this week the concept appeared to take a step closer to reality through a UN-backed partnership.

UN-Habitat, which works on sustainable urban development, will team up with private firm Oceanix, the Massachusetts Institute of Technology (MIT) and The Explorers Club, a professional society that promotes scientific exploration around the world, to further the idea.

As climate change advances at an alarming rate and huge numbers of people cram into city slums, "floating cities is one of the possible solutions", UN-Habitat's executive director, Maimunah Mohd Sharif, says.

Topic: Floating Solutions
Source: Internet

Name: THE WEATHER CHANNEL
Date : 7/1/2017

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Environment

7 Buildings That Could Help Us Survive a Changing Planet

By Allie Goolrick | Published: Jul 1, 2014, 8:23 AM EDT | weather.com

Innovative Designs for a Changing Planet

The resort is connected through a series of underwater tunnels. (Photo: Dutch Docklands)

In a world plagued by climate change, pollution and urban sprawl, it's easy to think that more towering, manmade structures of concrete and steel would do more harm to Earth than good. But as our planet changes, some innovative designers are finding ways to create buildings that work with, rather than harm their natural surroundings.

From buildings that feature rainwater and convert sunlight into energy to an amazing resort that can float on the surface of rising seas, these seven amazing structures are built to ride out climate change. And they also may be key to our survival.

Topic: Floating Solutions
Source: Internet

Name: INHABITAT
Date : 5/4/2017

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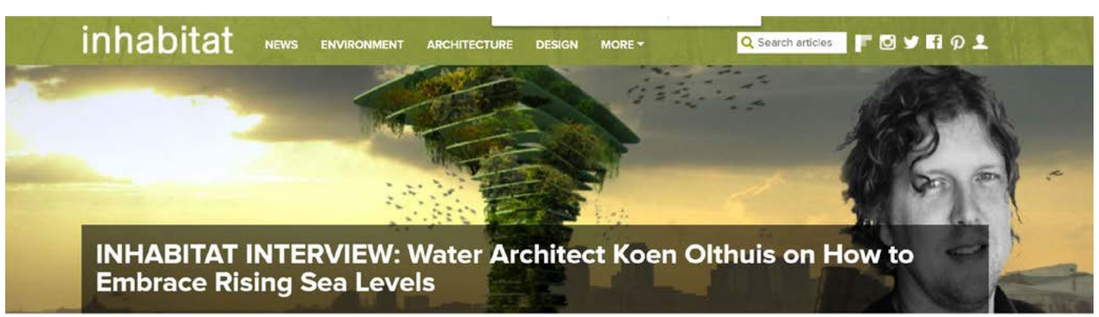

Design » Disaster-proof design

04/05/2017 under Architecture, Carousel Showcase, Design, Disaster-proof Design, Environment 1

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by Bridgette Meinhold

VIEW SLIDESHOW

Sea levels are rising, floods are prevalent, and cities are at greater risk than ever due to **climate change**. Now that we've accepted these facts, it's time to design and build more resilient structures. **Koen Olthuis**, one of the most forward-thinking and innovative architects out there, has a solution for rising sea levels. His solution: **Embrace the water** by incorporating it into our cities; creating resilient buildings and infrastructure that can handle extreme flooding, heavy rains, and higher water. Olthuis and his team at **Waterstudio.nl** have been showing coastal communities the benefits of building on the water. With countries like the **Maldives** and **Kiribati** having to build oceanside or move in order to escape rising sea levels, **New York** learning to battle storm surges, and **Jakarta** dealing with massive flooding, embracing water may be our only option for survival. We chatted with Olthuis about how coastal cities can become more resilient in the face of change—read on for our interview!

Topic: Floating Solutions
Source: Internet

Name: BUSINESS INSIDER
Date : 4/20/2018

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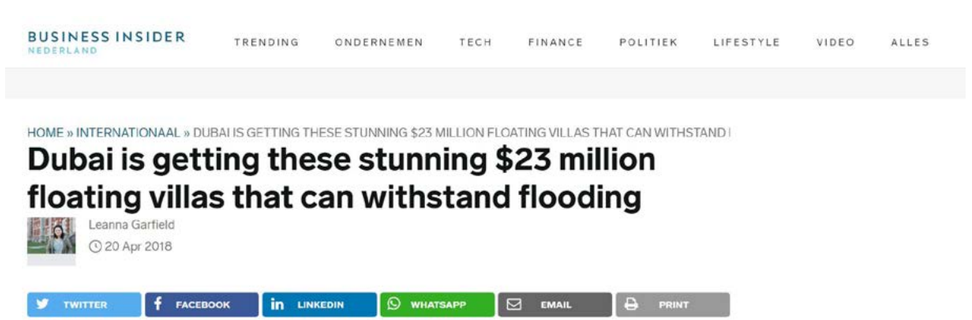

HOME » INTERNATIONAAL » DUBAI IS GETTING THESE STUNNING $23 MILLION FLOATING VILLAS THAT CAN WITHSTAND I

Dubai is getting these stunning $23 million floating villas that can withstand flooding

Leanna Garfield
20 Apr 2018

TWITTER FACEBOOK LINKEDIN WHATSAPP EMAIL PRINT

Like a number of coastal areas around the world, the United Arab Emirates is becoming increasingly vulnerable to sea level rise.

According to a 2017 study from the Emirates Wildlife Society and World Wildlife Fund, researchers expect ocean levels to rise around three feet by 2100. If that happens, water would inundate about 8.1% of the Emirate of Ajman, 1.2% of the Emirate of Sharjah, and 5.9% of the Emirate of Umm Al-Quwain. Many UAE residents live in these coastal areas.

Foto: Waterstudio A rendering of a floating island home off the coast of Dubai.

A new type of floating home could withstand future rising sea levels. Waterstudio, a Dutch architecture firm that exclusively designs floating structures, is creating 33 private villas on artificial islands off the coast of Dubai. Developer Dutch Docklands will build the first one this month.

The buoyed islands will bob up and down with water levels so they won't flood, Waterstudio founder Koen Olthuis told Business Insider.

Take a look at the project below.

Topic: Floating Solutions
Source: Internet

Name: ARCHITECTURAL DIGEST
Date : 1/31/2020

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Temporary Floating Hotels Soon Will Be Coming to Qatar

As Qatar prepares to host the 2022 FIFA World Cup, it is doubling the number of hotel rooms and guest apartments in the country to help accommodate the influx of fans

By Elizabeth Stamp
January 31, 2020

Hosting a major sporting event can be a boon to a city's economy, but it often requires a considerable amount of construction. From venues to hotels, development goes into overdrive before the event, but the buildings often go unused or underutilized once the crowds have gone home. As Qatar gears up to host the FIFA World Cup in 2022, the country is doubling its supply of hotel rooms and guest apartments, including 140 new properties. To help accommodate the influx of soccer fans, Finnish firm Sigge Architect and real estate and construction company Admares are developing an alternative to traditional event housing. The firms will build 16 floating hotels on Qetaifan Island North, which is close to Lusail International Stadium, where the opening and final games will be held.

Topic: Floating Solutions
Source: Internet

Name: DESIGNBOOM
Date : 1/1/2020

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grimshaw and concrete valley develop innovative system of modular water dwellings

196 121 33

as a reaction to the growing risks of climate change **and the challenges faced by increasing urbanization,** grimshaw **and dutch manufacturing specialists *concrete valley* have developed an innovative design for a system of modular** water dwellings. the habitats are imagined as a potential solution to high land values by offering affordable accommodation beyond the constraints of land-based construction, and resilient to the looming threat of flooding from rising sea-levels.

Topic: Floating Solutions
Source: Internet

Name: WIRED
Date : 5/4/2019

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WIRED BUSINESS CULTURE GEAR IDEAS SCIENCE SECURITY TRANSPORTATION SIGN IN | SUBSCRIBE

Sea Levels Are Rising. Time to Build ... Floating Cities?

If climate change ends up coming for your home, you could move inland. Or you could decamp to tessellated platforms floating on the ocean.

DANIEL ACKER/BLOOMBERG/GETTY IMAGES

With sea levels expected to rise at least 26 inches by the end of the century, due to human-driven climate change, to say that we have a problem is an understatement. By the middle of the next century, many of the world's major cities will be flooded, and in some cases, entire island nations will be

Topic: Floating Solutions
Source: Internet

Name: FUTURISM
Date : 5/19/2016

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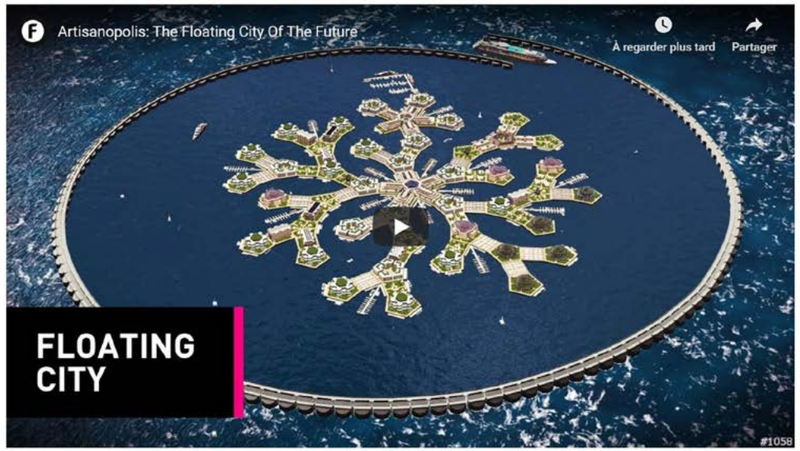
Artisanopolis: The Floating City Of The Future

FUTURISM CREATIVE | MAY 19TH 2016



DESCRIPTION

The Floating City of Artisanopolis gives us a preview of what sea-based civilizations may look like in the future. ■

Video

/ Sci-Fi Visions
/ City
/ Floating City
/ Future

Topic: Floating Solutions
Source: Internet

Name: 6SQFT
Date : 1/2/2020

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UPPER WEST SIDE

City proposes $90M project to renovate docks at 79th Street Boat Basin

POSTED ON THU, JANUARY 2, 2020 BY DEVIN GANNON

Photo by Jim Henderson on Wikimedia

The city wants to restore the Upper West Side's 79th Street Boat Basin as a waterfront resource for the community. Last month, the Parks Department presented a $90 million proposal to Community Board 7 that would reconstruct docks damaged by previous storms, add additional boating berths to increase capacity, and make the area more resilient to climate change. According to the West Side Rag, the board, as well as many residents, support the project.

Topic: Floating Solutions
Source: Internet

Name: THE VERGE
Date : 9/8/2020

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APPLE PHOTO ESSAY TECH

Apple shares a look inside its first ever 'floating' store

Peek inside the glass dome of Apple Marina Bay Sands

By James Vincent | Sep 8, 2020, 6:00am EDT

Listen to this article

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Apple's latest retail store has drawn comparisons to a floating lantern, with a unique design incorporating a glass dome that sits directly on the water of Singapore's Marina Bay. We first saw a glimpse of the store, the company's third in Singapore and 512th worldwide, a few weeks ago, and the iPhone-maker has now shared new pictures of the building's interior, which opens to visitors on Thursday, September 10th.

Topic: Floating Solutions
Source: Internet

Name: ARCHI EXPO
Date : 9/24/2020

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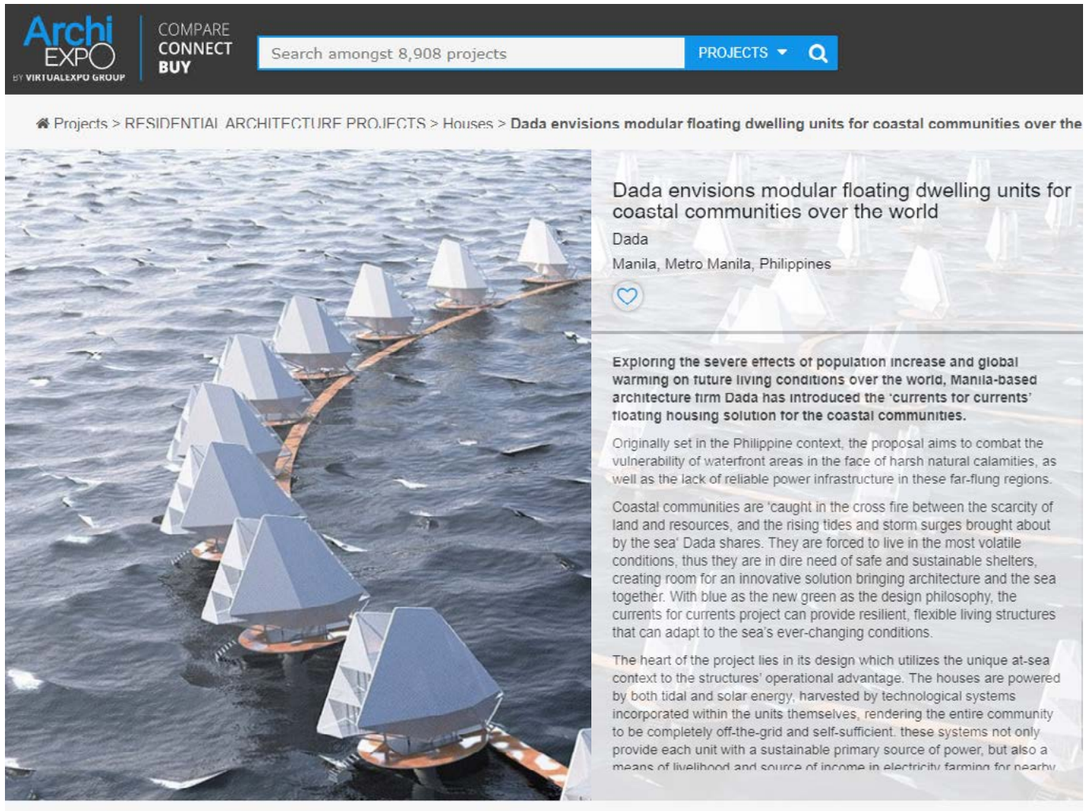

Topic: Floating Solutions
Source: Internet

Name: YOUTUBE TEDX
Date : 2/26/2014

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Topic: Floating Solutions
Source: Internet

Name: GIF IM FOKUS
Date : 6/5/2019

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Rise of the Blue City

22 May 2018 Media

By Gif Im Focus

As an architect, you have designed floating structures and urban plans in relation to water. The Dutch have always fought against the water, but you are saying that we should rather live with the water. Your vision is that water will play a bigger role in the future of cities. So my first question is:

As an architect, you have designed floating structures and urban plans in relation to water. The Dutch have always fought against the water, but you are saying that we should rather live with the water. Your vision is that water will play a bigger role in the future of cities. So my first question is: