

# Is This Floating 'Ark Hotel' a Fantasy or a Viable Solution to Rising Sea Levels?

Video Source: [ArchitectTube](#)

By Amanda Froelich | [True Activist](#)

The floating city creates its own energy and recycles all waste inside. In addition, it's designed to withstand the worst natural disasters.

Can you imagine living on the seas for a lifetime? What about a stretch of a few months to a few years?

Such may soon be a possibility if plans outlined by Russian architect Alexander Remizov are made manifest in the [near future](#).

Remizov, of the Russian architecture firm [Remistudio](#), conceptualized the 'Ark Hotel' as a solution for mankind if sea levels continue to rise, [reports GizMag](#).

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The city is entirely waterproof, so it can actually float in the ocean. It was also designed to withstand floods, tidal waves, rising ocean levels, and even earthquakes – as well as other natural disasters.

Said the architect:

*"The lower part of the [building](#) has enough displacement to stay afloat. The large area and oval shape help make it stable*

*during wind and storms. It's not a ship and isn't intended for self-navigation, but it can drift and it can be towed in the right direction by another ship."*



The structure is also completely [self-sustaining](#). It creates its own energy and recycles all waste inside.

*"No trace is left on the environment,"* says Remizov.



Credit: Remistudio



Credit: Remistudio

In addition, the curved, slinky-like shape helps [solar panels](#) on the outside collect the maximum amount of sunlight; it also helps feed wind into a separate generator.

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Any waste generated by occupants of the building is converted into more power. In fact, the floating hotel generates enough [extra energy](#) it could power neighboring homes or electric cars.



Credit: Remistudio

As the photos reveal, the structure is meant to be overflowing with plants to freshen the atmosphere and [purify the air.](#)

Under the ceiling, a small park-like space exists for guests to relax.



Credit: Remistudio

A pre-fab frame which requires few materials ensures that the hotel is simple to build. In addition, the structure's weight is equally distributed, reducing its [vulnerability](#) to natural disasters, such as earthquakes.

Said Remizov:

*"In natural disasters, it can be quickly assembled and put in operation, because it doesn't need complex and [expensive infrastructure](#)."*



Credit: Remistudio

Remizov initially [designed](#) the Ark Hotel for an International Union of Architects competition that looked at solutions for disaster relief.

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The unique getaway hasn't yet been built, but the architect is optimistic that someday in the future, it might be. Let's just hope it isn't constructed out of *necessity*, and humans are able to happily live on land for many centuries to come...



Credit: Remistudio

*"The coast is an attractive place for development," he says. "But it's not always possible to ensure the safety of buildings on the coastline, for example, in areas prone to tsunamis. In this case, the floating building is a foolproof alternative."*

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