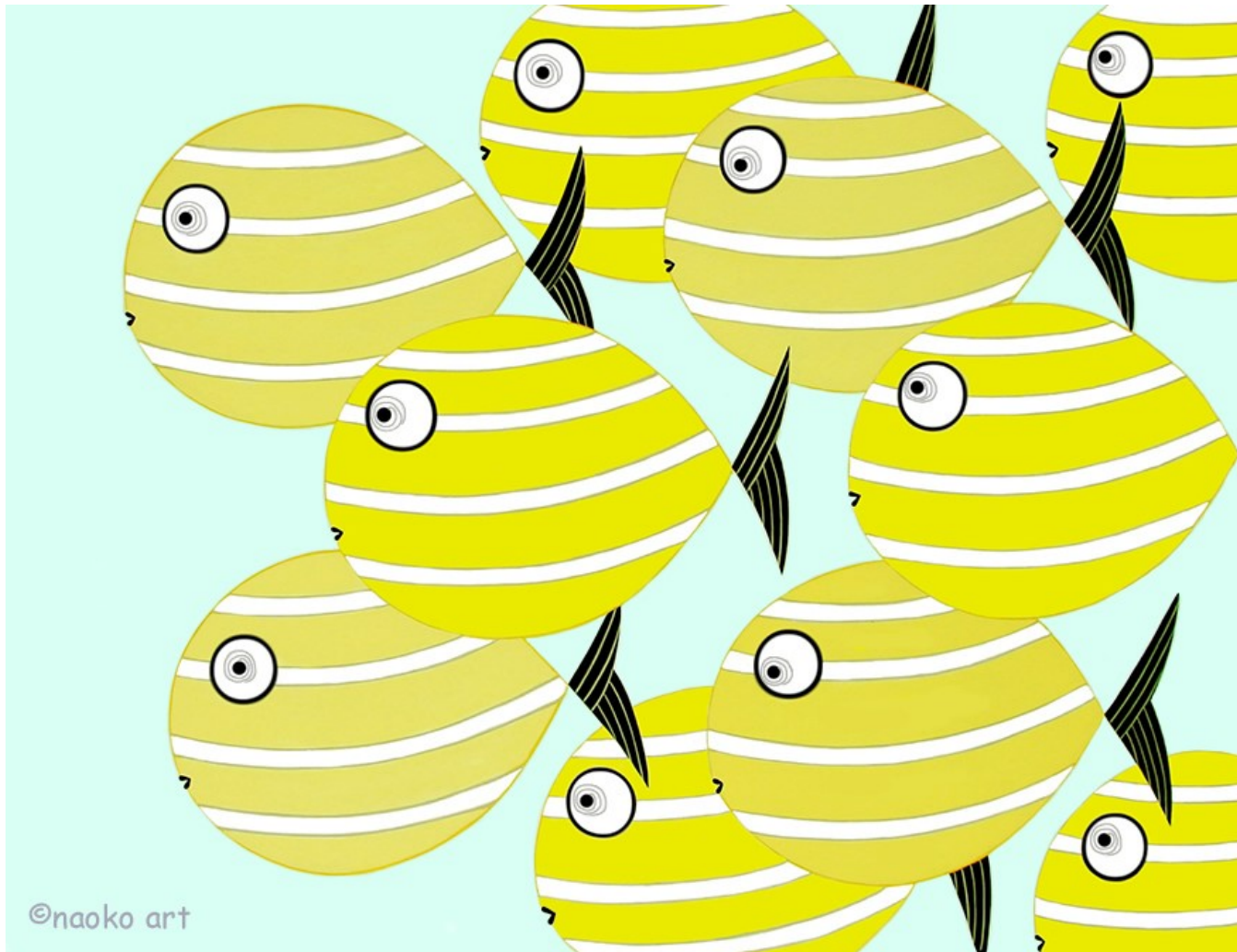


# Ocean Energy

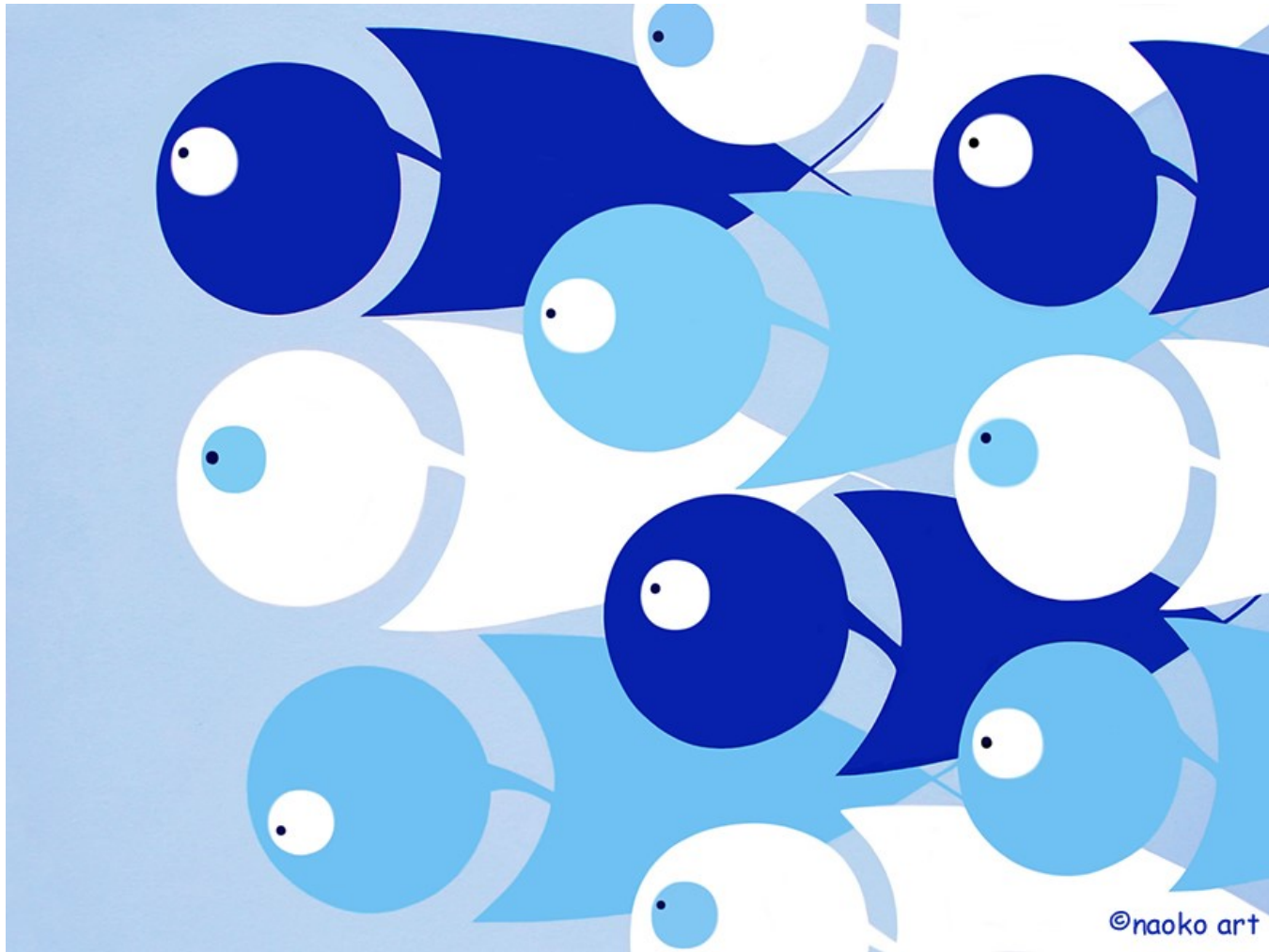




**Life in the ocean began 3.1~ 3.4 billion years ago, while land dwellers appeared around 400 million years ago.**



The ocean covers 71% of the Earth's surface and holds 97% of planet's water.



The ocean produces more than half of the oxygen in the atmosphere and absorbs most of the carbon dioxide (CO<sub>2</sub>) from our atmosphere.



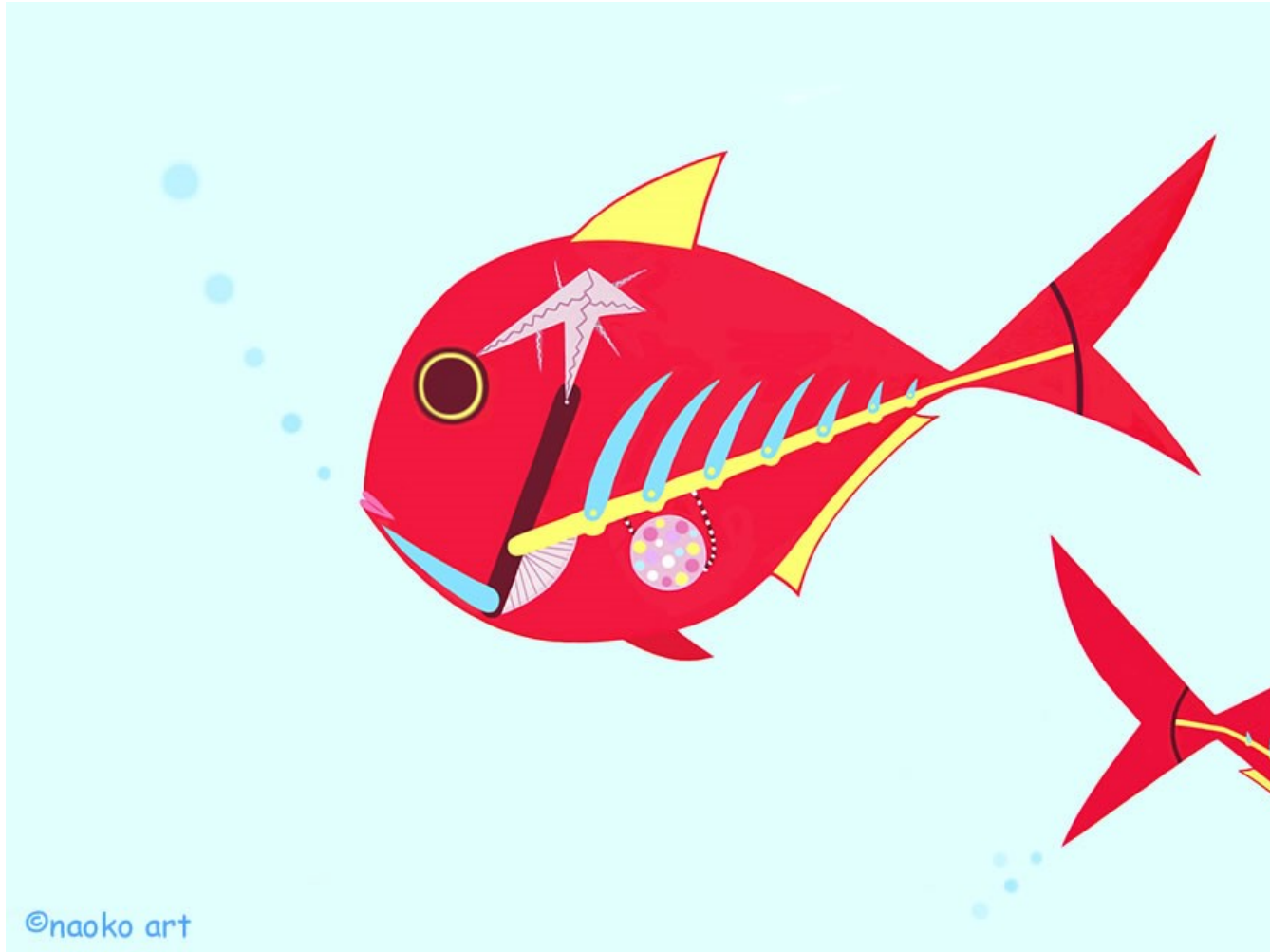
50–80% of all life on Earth is found under the ocean surface. Currently, there are at least 199,146 known marine species...



... however, there may be at least 750,000 to as many as 25 million marine species yet to be discovered. Humans have only explored less than 10% of the ocean.

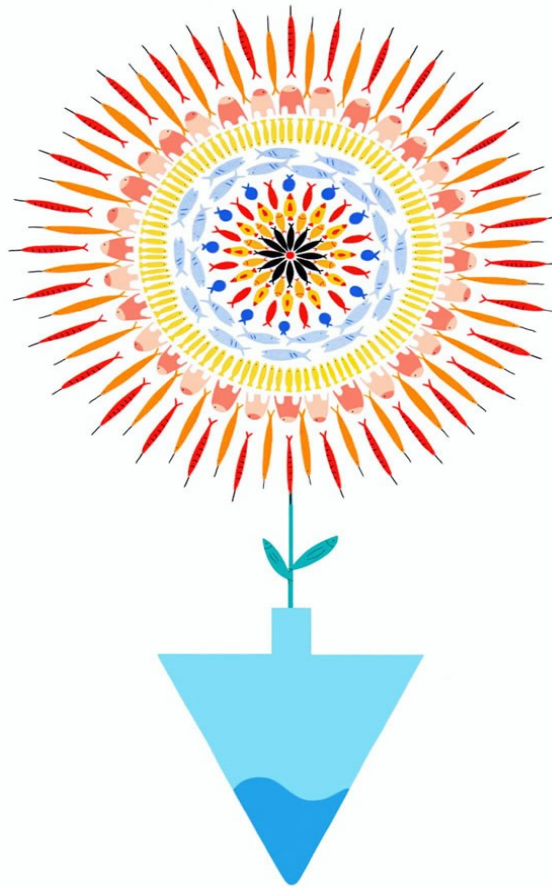


Unfortunately, the ocean faces many anthropogenic problems such as overharvesting, pollution, climate change, and lack of Marine Protected Areas.



This leads to decrease in biodiversity and the degradation of marine habitats and species. Three times as much waste is dumped into the ocean as the weight of fish caught every year.





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By destroying the ocean environment, we are also compromising human health and safety. It is estimated that over 3 billion people depend on marine and coastal biodiversity for their livelihoods.



We need to change the way we interact with the ocean and how we use its resources. We need to protect and help recover the diverse species and habitats that exist in the ocean.

## References:

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