

# The Ocean in the News

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Lessons from the Ocean-Summer 2020

Every ocean literate person should understand these essential principles:

1. The Earth has one big ocean with many features.
2. The ocean and life in the ocean shape the features of Earth.
3. The ocean is a major influence on weather and climate.
4. The ocean makes the Earth habitable.
5. The ocean supports a great diversity of life and ecosystems.
6. The ocean and humans are inextricably interconnected.
7. The ocean is largely unexplored.

The following news articles relate to the ocean principles and it would be helpful for the general public to know these principles in order to better understand these news stories and make better choices in their lives.

1. “This newly discovered sea cockroach is the stuff of nightmares”

<https://nypost.com/2020/07/20/this-newly-discovered-sea-cockroach-is-the-stuff-of-nightmares/>

- This article relates to Principle #7 and Principle #5.
- Being ocean literate could help the general public understand that there is so much of the ocean we have yet to explore and it is filled with biodiversity. This cockroach actually looks more like a pill bug to me but knowing that it has no known predators could mean the nightmare is that they’ll take over the world!

2. “How Humans are Altering the Tides of the Oceans”

<https://www.bbc.com/future/article/20200703-how-humans-are-altering-the-tides-of-the-oceans>

- This article relates to Principle #1, Principle #3 and Principle #6.
- “The sum of all the little changes turns out to be a really big change,” says Talke. An ocean literate public would understand that adding a dam or rerouting the river has a ripple effect that changes the ocean. The tides seem so predictable but in reality, we need to be aware of the consequences of our actions.

3. “The UKs First Ocean Curriculum Launches in Primary Schools”

<https://www.euronews.com/living/2020/07/15/the-uk-s-first-ocean-curriculum-launches-in-primary-schools>

- This article relates to all seven principles.
- I was so excited to read this article and eager to learn more about their curriculum. Knowledge of the ocean principles for the public could influence our schools to follow the UKs lead.

4. “What’s at the Bottom of the Sea?”

<https://www.euronews.com/living/2020/06/22/what-s-at-the-bottom-of-the-sea-a-fifth-of-the-world-s-ocean-floor-has-now-been-mapped>

- This article relates to Principle #3 and Principle #7.
- The public may not realize how much of the ocean has yet to be explored. This article is exciting because they have been able to map so much faster with new technology. The ocean is not an infinite resource but there is still a lot to discover.

5. “Why This Year is our Last Big Chance to Save the Ocean”

<https://time.com/5863821/saving-the-oceans/>

- This article relates to Principle #6.
- In some ways this article was extremely scary but it also gave us hope. This pandemic has been devastating in many ways although there is some good coming to light. Knowing the ocean principles could help the public see the potential to do great things in our current world.

6. “AI Models Help Predict Large Tropical Waves and Ocean Currents”

<https://www.unite.ai/ai-models-help-predict-large-tropical-waves-and-ocean-currents/>

- This article relates to Principle #3.
- Artificial Intelligence is another subject much of the general public does not understand. Utilizing the tools to predict changes in the ocean would be helpful to all affected by the currents and the waves. Understanding ocean principles helps the public realize that it is all a connected system.