

PROPOSALS TO CLEAN UP OUR OCEAN

by Julian Conde

I. Write T (true) or F (false).

1. ___ Marine scientists estimate that there are currently over 5 trillion pieces of plastic littering the oceans.
2. ___ Boyan Slat's proposed system relies heavily on actively chasing plastic using standard boats and fishing nets.
3. ___ The Great Pacific Garbage Patch is located in the region between Hawaii and California.
4. ___ Boyan Slat first proposed his technological solution to plastic pollution when he was a teenager in the Netherlands in 2013.
5. ___ The Great Pacific Garbage Patch is the smallest of the world's five ocean garbage patches.
6. ___ Slat's "The Ocean Cleanup" system utilizes a floating U-shaped screen designed to move more slowly than the floating plastic.
7. ___ At the time the article was written, Slat's Ocean Cleanup system had already been fully deployed and operating for several years.
8. ___ Slat and his team tested out their floating screen technology in harsh North Sea conditions.
9. ___ Slat calculates that his fleet of clean-up systems could clean up about 50 percent of the Great Pacific Garbage Patch in just five years' time.
10. ___ Marcus Eriksen believes that downstream mitigations in the middle of the ocean are the most effective way forward.
11. ___ Marcus Eriksen is the founder of the 5 Gyres Institute in California.
12. ___ Eriksen's model focuses primarily on prevention and stopping the flow of plastic trash at its source before it washes to sea.
13. ___ Cities around the world are installing booms in rivers and estuaries to capture plastic trash.
14. ___ Eriksen notes that plastic recovery centers in Southeast Asia are working with local companies to redesign excessive plastic packaging.
15. ___ Both Boyan Slat and Marcus Eriksen completely agree on the exact strategy and placement needed to solve the ocean plastic crisis.

