**Projected Ocean Acidification**

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| Dataset Code: oceanAcidification | | | |
| This dataset shows projections of aragonite saturation in the world’s oceans from 2006-2099. The aragonite saturation state (Ωarag) is commonly used to track ocean acidification because it is a measure of carbonate ion concentration, which indicates the availability of the calcium carbonate that is widely used by marine calcifiers, from lobsters to clams to starfish. | | | |
| **Citation:**  Van Hooidonk, R., Maynard, J. A., Manzello, D., Planes, S. (2014). Opposite latitudinal gradients in projected ocean acidification and bleaching impacts on coral reefs. Global Change Biology, 20(1), 103–112. https://doi.org/10.1111/gcb.12394. Accessed through Resource Watch, (26 April, 2022). www.resourcewatch.org. | | | |
| **Layers:**  Projected Ocean Acidification | | | |
| **Year/s:**  2009-2098 | **Format:**  .lpk | **Resolution:**  One degree | **Units:**  Numeric |
| **Source Link:**  https://coralreefwatch.noaa.gov/climate/projections/downscaled\_bleaching\_4km/index.php | | | |
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