



Ocean acidification, 1998–2016

Title	Ocean acidification, 1998–2016
Publisher	New Zealand's Environment Reporting Series: The Ministry for the Environment and Statistics New Zealand
Description	<p>The pH of New Zealand subantarctic waters is calculated from pCO₂ (dissolved carbon dioxide) and alkalinity measurements using refitted Mehrbach constants (see Mehrbach et al, 1973; Dickson & Millero, 1987), and in-situ temperature taken from the Munida time-series transect off the Otago coast. Measurements of pCO₂ are taken every two months. The Munida transect, in the subantarctic waters off Otago, is the Southern Hemisphere's longest-running record of pH measurements (NIWA, 2015). More information on this dataset and how it relates to our Environmental reporting indicators and topics can be found in the attached data quality pdf.</p>
Source	NIWA
Rights	Creative Commons Attribution 4.0 New Zealand
Rights	Attribution 4.0 International
Rights	http://creativecommons.org/licenses/by/4.0/
Coverage	subantarctic waters off Otago, 1998–2016
Identifier	https://data.mfe.govt.nz/table/89461-ocean-acidification-19982016/
Identifier	AC17/043
Type	Dataset
Language	eng-nz
Subject	climate change, greenhouse gas concentrations, greenhouse gas emissions, CO ₂ , Environmental reporting series: Our atmosphere and climate 2017