Co-author and study leader Professor Jayson Semmens said the potential harm that aquatic noise can cause to marine invertebrates is only now being understood.

"Quantifying the impact on a valuable commercial species such as lobsters is a crucial first step towards being able to maintain fisheries, particularly along busy coastlines where noise pollution is most likely," Professor Semmens said.

"Our study did not pinpoint which particular noise sources were responsible for the damage and further research is needed to allow us to better understand the causes and mechanisms involved," he said.

The research was funded by the Australian Government through the <u>Fisheries</u> Research and Development Corporation