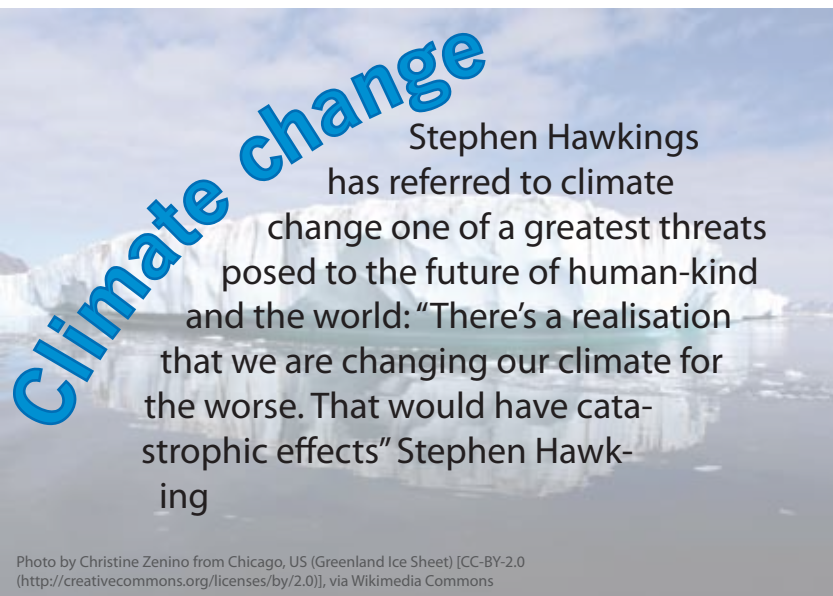


Global environmental challenges can only be addressed by first assessing the problem through relevant measurements and then monitoring the solutions. SenseOCEAN is developing an integrated multi-sensor package to enable accurate long term monitoring of aquatic environments.



Climate change

Stephen Hawking has referred to climate change one of a greatest threats posed to the future of human-kind and the world: "There's a realisation that we are changing our climate for the worse. That would have catastrophic effects" Stephen Hawking

Photo by Christine Zenino from Chicago, US (Greenland Ice Sheet) [CC-BY-2.0 (<http://creativecommons.org/licenses/by/2.0>)], via Wikimedia Commons



Pollution

Health risks (e.g. sewage, contaminated seafood) nuisance (e.g. red tides), loss of aquatic resources (coral reefs, fisheries, beach use)

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Resources

How do we achieve environmentally sustainable resource exploitation?
By monitoring the effects of resource exploitation such as oil and gas extraction and deep sea mining for metals

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Fisheries

Food supplies for an ever expanding population? Protein from fish, crustaceans accounts for 17% of the human population's consumption of animal protein. Ensuring healthy fisheries is vital for the future.

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Our partners are based around Europe and represent the academic and industrial sectors, with expertise in many areas of sensor technology. For further information, please use the contact details below or see our website at www.senseocean.eu.



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