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## A Farewell to Ice: A Report from the Arctic (Paperback)

By Peter Wadhams

Oxford University Press, USA, United States, 2017. Paperback. Condition: New. Language: English . Brand New Book. Based on five decades of research and observation, a haunting and unsparing look at the melting ice caps, and what their disappearance will mean. Peter Wadhams has been studying ice first-hand since 1970, completing 50 trips to the world's poles and observing for himself the changes over the course of nearly five decades. His conclusions are stark: the ice caps are melting. Following the hottest summer on record, sea ice in September 2016 was the thinnest in recorded history. There is now the probability that within a few years the North Pole will be ice-free for the first time in 10,000 years, entering what some call the Arctic death spiral. As sea ice, as well as land ice on Greenland and Antarctica, continues to melt, the rise in sea levels will devastate coastal communities across the world. The collapse of summer ice in the Arctic will release large amounts of methane currently trapped by offshore permafrost. Methane has twenty-three times greater greenhouse warming effect per molecule than CO<sub>2</sub>; an ice-free arctic summer will therefore have an albedo effect nearly equivalent to that of...



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