

“Future of the Oceans”

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The world’s oceans are a vital part of the Earth system, and are also of substantial economic importance to our societies. As we enter the Anthropocene, humans are changing the physics, the chemistry, and the biology of the oceans both in coastal waters and far offshore. This talk will look at some of these changes and their possible consequences. I will also show how oceanographers go about studying these scientific problems, and will consider how we might be able to mitigate our impacts so that the oceans’ future is one that continues to benefit us humans.