

1. Record Nr.	UNINA9910961372903321
Titolo	National security implications of climate change for U.S. naval forces // Committee on National Security Implications of Climate Change for U.S. Naval Forces, National Research Council
Pubbl/distr/stampa	Washington, DC, : National Academies Press, 2011
ISBN	9786613134936 9780309215916 0309215919 9781283134934 1283134934 9780309154260 030915426X
Descrizione fisica	1 online resource (xviii, 172 pages) : illustrations (chiefly color), color maps
Disciplina	359.00973
Soggetti	Climatic changes - Strategic aspects Global warming - Strategic aspects National security - United States - Forecasting Military planning - United States
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	""Front Matter""; ""Preface""; ""Acknowledgment of Reviewers""; ""Contents""; ""Summary""; ""1 Introduction""; ""2 Naval Capabilities and Potential Climate-Change-Related Operational Issues""; ""3 Infrastructure Issues""; ""4 Allied Forces and Partners Issues""; ""5 Climate-Change-Related Technical Issues Impacting U.S. Naval Operations""; ""6 Future Research and Development Needs""; ""Appendixes""; ""Appendix A: Terms of Reference""; ""Appendix B: Acronyms and Abbreviations""; ""Appendix C: Biographies of Committee Members and Staff""; ""Appendix D: Letter Report to the U.S. Navy""
Sommario/riassunto	In response to the Chief of Naval Operations (CNO), the National Research Council appointed a committee operating under the auspices

of the Naval Studies Board to study the national security implications of climate change for U.S. naval forces. In conducting this study, the committee found that even the most moderate current trends in climate, if continued, will present new national security challenges for the U.S. Navy, Marine Corps, and Coast Guard. While the timing, degree, and consequences of future climate change impacts remain uncertain, many changes are already underway in regions around the world, such as in the Arctic, and call for action by U.S. naval leadership in response. The terms of reference (TOR) directed that the study be based on Intergovernmental Panel on Climate Change (IPCC) scenarios and other peer-reviewed assessment. Therefore, the committee did not address the science of climate change or challenge the scenarios on which the committee's findings and recommendations are based. National Security Implications of Climate Change for U.S. Naval Forces addresses both the near- and long-term implications for U.S. naval forces in each of the four areas of the TOR, and provides corresponding findings and recommendations. This report and its conclusions are organized around six discussion areas--all presented within the context of a changing climate.
