

Climate Change Impacts Reference List – Recent Reports
March 11 2020 DRBC Business Meeting public comment session
Delaware River Frack Ban Coalition Organizing Committee

The Third National Climate Assessment was a three-year analytical effort by a team of over 300 experts, overseen by a broadly constituted Federal Advisory Committee of 60 members. The group's 2014 report was subjected to extensive review by the public and by scientific experts in and out of government, including a special panel of the National Research Council of the National Academy of Sciences. See the full report at:

<https://nca2014.globalchange.gov/report/sectors/water>

Intergovernmental Panel on Climate Change, Summary for Policymakers, Revised on January 2019 by the IPCC, Switzerland, ISBN 978-92-9169-151-7, downloaded at:

<https://www.ipcc.ch/sr15/>

<https://climateactiontracker.org/publications/warming-projections-global-update-dec-2018/>

USGCRP, 2018: *Impacts, Risks, and Adaptation in the United States: Fourth National Climate Assessment, Volume II: Report-in-Brief* [Reidmiller, D.R., C.W. Avery, D.R. Easterling, K.E. Kunkel, K.L.M. Lewis, T.K. Maycock, and B.C. Stewart (eds.)]. U.S. Global Change Research Program, Washington, DC, USA, 186 pp. Retrieved from

<https://nca2018.globalchange.gov/>.

PennDesign Urban Design Studio, University of Pennsylvania, "Climate Change: Impacts and Responses in the Delaware River Basin," Prepared for the Delaware River Basin Commission by the City Planning 702 Urban Design Studio at the University of Pennsylvania. Fall 2008. https://planning-org-uploaded-media.s3.amazonaws.com/legacy_resources/awards/studentprojects/2009/pdf/climatechangedelaware.pdf

Crist, P.J., R. White, M. Chesnutt, C. Scott, P. Cutter, E. Linden, and G. Dobson. Coastal Resilience Assessment of the Delaware Bay and Coastal Watersheds. 2019. National Fish and Wildlife Foundation.

<https://www.nfwf.org/sites/default/files/coastalresilience/Documents/delaware-bay-and-coastal-watersheds-coastal-resilience-assessment.pdf>

IPCC (2019). The Ocean and Cryosphere in a Changing Climate. Intergovernmental Panel on Climate Change. Retrieved from

https://report.ipcc.ch/srocc/pdf/SROCC_FinalDraft_FullReport.pdf.

Kopp, R.E., C. Andrews, A. Broccoli, A. Garner, D. Kreeger, R. Leichenko, N. Lin, C. Little, J.A. Miller, J.K. Miller, K.G. Miller, R. Moss, P. Orton, A. Parris, D. Robinson, W. Sweet, J. Walker, C.P. Weaver, K. White, M. Campo, M. Kaplan, J. Herb, and L.

Auermuller. New Jersey's Rising Seas and Changing Coastal Storms: Report of the 2019 Science and Technical Advisory Panel. Rutgers, the State University of New Jersey. Prepared for the New Jersey Department of Environmental Protection. Trenton, New Jersey. p. 1 <https://bloustein.rutgers.edu/njdep-releases-report-on-sea-level-rise-building-on-previous-rutgers-studies/>

RHODIUM GROUP, "NEW JERSEY'S RISING COASTAL RISK", October 2019. p. 2 https://rhg.com/wp-content/uploads/2019/10/Rhodium_NJCoastalRisk_Oct2019final.pdf

Dahl et al. (2019). "Underwater: Rising Seas, Chronic Floods, and the Implications for U.S. Coastal Real Estate." Union of Concerned Scientists.

DVRPC, Coastal Effects of Climate Change in Southeastern PA, Introduction and Project Background, November 5, 2019.

<https://www.arcgis.com/apps/MapSeries/index.html?appid=8080c91a101d460a9a0246b90d4b4610>

National Oceanic and Atmospheric Administration, U.S. DEPARTMENT OF COMMERCE, National Ocean Service Center for Operational Oceanographic Products and Services, "GLOBAL AND REGIONAL SEA LEVEL RISE SCENARIOS FOR THE UNITED STATES", NOAA Technical Report NOS CO-OPS 083, Silver Spring, Maryland, January 2017.

DVRPC, "Sea Level Rise Impacts in the Delaware Estuary of Pennsylvania", Product No.: 04037, 6/2004, Abstract. <https://www.dvrpc.org/Products/04037/>

<https://www.insurancejournal.com/news/international/2019/06/19/529839.htm>

Howarth, R. (2019). Ideas and perspectives: is shale gas a major driver of recent increase in global atmospheric methane? *Biogeosciences* (16), 3033-3046. Retrieved from <https://www.biogeosciences.net/16/3033/2019/bg-16-3033-2019.pdf>

Myhre, G. et al. 2013. Anthropogenic and Natural Radiative Forcing. In: Climate Change 2013: The Physical Science Basis. Contribution of Working Group I to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change. Stocker, T.F., D. Qin, G.K. Plattner, M. Tignor, S.K. Allen, J. Boschung, A. Nauels, Y. Xia, V. Bex, and P.M. Midglet (eds). Cambridge University Press, Cambridge, United Kingdom and New York, NY, USA.

Payne, B., Redmond, B., Lemly, D. letter to the President of the United States, Secretary of State, Special Envoy to COP21 of the UNFCCC, 2015.

EPA 2016. Inventory of U.S. Greenhouse Gas Emissions and Sinks: 1990-2014. <https://www.epa.gov/ghgemissions/us-greenhouse-gas-inventory-report-1990-2014>

Wall Street Journal, *The Leaks That Threaten the Clean Image of Natural Gas*, <https://www.wsj.com/articles/the-leaks-that-threaten-the-clean-image-of-natural-gas-11565280375>

<https://www.vox.com/energy-and-environment/2019/8/15/20805136/climate-change-fracking-methane-emissions>

Dr. Robert Howarth, Cornell University, "COP21 Reflections on the Historic Paris Climate Agreement", February 3, 2016.

http://events.cornell.edu/event/cop21_reflections_on_the_historic_climate_agreement