

- Analyze climate change platforms for every presidential candidate since 2000 to understand how climate security framing has changed over time
 - Chat with policy team members behind 2020 platforms to understand evolution of climate security discussion
 - Interview former presidential candidates about climate security beliefs
- Write local impact briefs on climate security for each House / Senate district
 - From The Next 50
 - Senator Mark Warner
 - Senator Kamala Harris
 - Rep. Beto O'Rourke
 - Rep. Xochitl Torres Smalls
 - Rep. Seth Moulton
 - Rep. Lauren Underwood
 - [House Armed Services Committee](#)
 - [House Homeland Security Committee](#)
 - [Senate Armed Services Committee](#)
- Draft Executive Order for climate security action through [Day One Project](#)
- History of New Zealand bird population as told through contemporary accounts (i.e., ship logs, etc) a la [The Mortal Sea](#)
- Expert consensus: What is the true cost of combating climate change?
 - Elements
 - Cost of climate mitigation
 - Carbon capture / sequestration efforts
 - Decarbonizing the economy
 - Cost of climate adaptation
 - Literature
 - [Ricke et al 2018 \(Nature Climate Change\)](#) Country-level social cost of carbon
 - [Moore 2018 \(Nature Climate Change\)](#) Valuing climate damages at the country level
 - [Rogelj et al 2013 \(Nature\)](#) Probabilistic cost estimates for climate change mitigation
- [Fulbright on Arctic studies in Iceland](#) -- climate change x Arctic security
 - International security / U.S. military
 - <https://climateandsecurity.org/tag/iceland/>
 - <https://www.belfercenter.org/publication/icelands-minister-cites-climates-impact-international-security>
 - <https://www.government.is/topics/environment-climate-and-nature-protection/climate-change/>
 - <https://www.government.is/topics/foreign-affairs/national-security/>
 - Impact on agriculture
 - <https://time.com/3691920/climate-change-iceland/>

- <https://www.theatlantic.com/science/archive/2017/03/we-all-scream-for-iceland-cream/520980/>
 - <https://www.sciencedirect.com/science/article/abs/pii/S0367253013001126>
- Impact on fisheries
 - <https://www.nytimes.com/2019/11/29/climate/climate-change-ocean-fish-iceland.html>
 - https://english.hi.is/marine_resources_and_climate_change
 - <https://www.wbur.org/hereandnow/2019/12/11/iceland-fisheries-environment-sustainable>
 - <https://onlinelibrary.wiley.com/doi/abs/10.1111/j.1939-7445.2007.tb00205.x>
 - <https://www.sciencedirect.com/science/article/abs/pii/S0012821X0800174X>
 - <https://agupubs.onlinelibrary.wiley.com/doi/full/10.1029/2005JF000388>
- Travel around the world and interview folk for perception studies of different industries / geographies about impact of climate change
 - **Fishermen**
 - Impacts
 - [Climate Change Impacts on Fisheries and Aquaculture: A Global Analysis. I](#)
 - [Special Report on the Ocean and Cryosphere in a Changing Climate](#)
 - Perception studies
 - [Seara et al \(2016\)](#) Perceived adaptive capacity and natural disasters: A fisheries case study
 - [Bennett et al \(2014\)](#) Why local people do not support conservation: Community perceptions of marine protected area livelihood impacts, governance and management in Thailand
 - [Silva et al \(2015\)](#) Each fisherman is different: Taking the environmental perception of small-scale fishermen into account to manage marine protected areas
 - [Bunce et al \(2008\)](#) Shifting baselines in fishers' perceptions of island reef fishery degradation
 - [Leleu et al \(2012\)](#) Fishers' perceptions as indicators of the performance of Marine Protected Areas (MPAs)
 - U.S. west coast
 - [Carothers et al \(2014\)](#) Measuring perceptions of climate change in northern Alaska: pairing ethnography with cultural consensus analysis
 - [Frisch et al \(2015\)](#) Gauging perceptions of ocean acidification in Alaska
 - U.K.

- [Graziano et al \(2017\)](#) Environmental and socio-political shocks to the seafood sector: What does this mean for resilience? Lessons from two UK case studies, 1945–2016
- [Cheung et al \(2012\)](#) Review of climate change impacts on marine fisheries in the UK and Ireland
- [Mangi et al \(2011\)](#) Assessing the Impacts of Establishing MPAs on Fishermen and Fish Merchants: The Case of Lyme Bay, UK
- [Kaiser et al \(2015\)](#) Prioritization of knowledge-needs to achieve best practices for bottom trawling in relation to seabed habitats
- [Allison et al \(2009\)](#) Vulnerability of national economies to the impacts of climate change on fisheries
- [Taylor et al \(2012\)](#) Selecting Policy Instruments for Better Environmental Regulation: a Critique and Future Research Agenda
- [Tingley et al \(2010\)](#) Risk identification and perception in the fisheries sector: Comparisons between the Faroes, Greece, Iceland and UK
- Ireland
 - [Seafood Sector Climate Change Adaptation](#)
- South Africa
 - [Bunce et al \(2009\)](#) Perceptions of climate change, multiple stressors and livelihoods on marginal African coasts
 - [Musinguzi et al \(2016\)](#) Fishers' perceptions of climate change, impacts on their livelihoods and adaptation strategies in environmental change hotspots: a case of Lake Wamala, Uganda
- Australia
 - [Nurse-Bray et al \(2011\)](#) Communicating climate change: Climate change risk perceptions and rock lobster fishers, Tasmania
 - [Ogier et al \(2016\)](#) Fisheries management approaches as platforms for climate change adaptation: Comparing theory and practice in Australian fisheries
- New Zealand
- Other case studies
 - [Velez et al \(2013\)](#) Fishers' perceptions, facilitating factors and challenges of community-based no-take zones in the Sian Ka'an Biosphere Reserve, Quintana Roo, Mexico
 - [Kim et al \(2014\)](#) An analysis of fishermen's perception to climate change in Korea
 - [Muktha et al \(2016\)](#) Fishermen's perception of climate change-a study from Andhra Pradesh
 - [Paul et al \(2014\)](#) Consequences of Climate Change on Fish Biodiversity in the River Turag, Bangladesh: A Community Perception Study

- [Pana et al \(2012\)](#) Perception and Adaptation Capacities of Fishermen on Climate Change: The Case of Palawan, Philippines
- [Nagy et al \(2014\)](#) Stakeholders' climate perception and adaptation in coastal Uruguay
- [Hasan et al \(2016\)](#) Artisan fishers' perception of climate change and disasters in coastal Bangladesh
- [Martins et al \(2018\)](#) Perceptions of climate and ocean change impacting the resources and livelihood of small-scale fishers in the South Brazil Bight
- **Taiwanese tea farmers**
 - [2019](#) (Nature) How climate change might affect tea
 - [2018](#) The tea landscape of Assam: Multi-stakeholder insights into sustainable livelihoods under a changing climate
 - [2016](#) Observing climate impacts on tea yield in Assam, India
 - [2016](#) Association between Empirically Estimated Monsoon Dynamics and Other Weather Factors and Historical Tea Yields in China: Results from a Yield Response Model
 - [2014](#) Metabolite profiling of *Camellia sinensis* by automated sequential, multidimensional gas chromatography/mass spectrometry reveals strong monsoon effects on tea constituents
 - [2016](#) (news) The Future of Tea Looks Bleak, Thanks to Climate Change
 - [2005](#) The potential impact of climate change on Taiwan's agriculture
 - [2015](#) Global Warming Changes the Future for Tea Leaves
 - [2018](#) Stress Physiology of Tea in the Face of Climate Change
 - [2016](#) Altitudinal effects on the quality of green tea in east China: a climate change perspective
 - [2007](#) Assessment of impact of climate change on productivity of tea (*Camellia sinensis* L.) plantations in Sri Lanka
 - [1996](#) Vulnerability of Sri Lanka tea production to global climate change
 - [2014](#) Effects of Extreme Climate Events on Tea (*Camellia sinensis*) Functional Quality Validate Indigenous Farmer Knowledge and Sensory Preferences in Tropical China
 - [2014](#) Climate change and its impact on tea in Northeast India
- **Olive farmers (proxy for impact on Mediterranean climates)**
 - California
 - Australia
 - Europe
 - [Olesen et al 2002](#) Consequences of climate change for European agricultural productivity, land use and policy
 - [Olesen et al 2011](#) Impacts and adaptation of European crop production systems to climate change

- [2014](#) Fine-scale ecological and economic assessment of climate change on olive in the Mediterranean Basin reveals winners and losers
- [Tanasijevic et al 2014](#) Impacts of climate change on olive crop evapotranspiration and irrigation requirements in the Mediterranean region
- [2008](#) Reproduction of olive tree habitat suitability for global change impact assessment
- Italy
 - [2009](#) Effects of climate warming on Olive and olive fly (*Bactrocera oleae* (Gmelin)) in California and Italy
 - [2005](#) Olive flowering as an indicator of local climatic changes
- Spain
 - [Rodriguez Diaz et al 2007](#) Climate change impacts on irrigation water requirements in the Guadalquivir river basin in Spain
 - [2017](#) Impact of changes in mean and extreme temperatures caused by climate change on olive flowering in southern Spain
- Greece
- Tunisia
 - [2016](#) Impacts of climate change on Tunisian olive oil output
- Morocco
- **Climate-induced locust swarms** → plague / biblical apocalypse / food security
 - General
 - [Lima 2007](#) Locust plagues, climate variation, and the rhythms of nature
 - [Anstey et al 2009](#) Serotonin Mediates Behavioral Gregarization Underlying Swarm Formation in Desert Locusts
 - [Meynard et al 2017](#) Climate-driven geographic distribution of the desert locust during recession periods: Subspecies' niche differentiation and relative risks under scenarios of climate change
 - [Tratalos et al 2010](#) Desert locust populations, rainfall and climate change: insights from phenomenological models using gridded monthly data
 - [Ceccato et al 2006](#) Use of Remote Sensing for Monitoring Climate Variability for Integrated Early Warning Systems: Applications for Human Diseases and Desert Locust Management
 - [Latchininsky 2013](#) Locusts and remote sensing: a review
 - Africa

- <https://www.nationalgeographic.co.uk/environment-and-conservation/2020/02/plague-of-locusts-has-descended-east-africa-climate-change-may>
- <https://www.bloomberg.com/opinion/articles/2020-04-29/east-africa-can-t-escape-plagues-of-locusts-floods-and-covid-19>
- [Todd et al 2002](#) Brown locust outbreaks and climate variability in southern Africa
- [Ceccato et al 2007](#) The desert locust upsurge in West Africa (2003 – 2005): Information on the desert locust early warning system and the prospects for seasonal climate forecasting
- Asia
 - [Qiu 2009 \(Nature\)](#) Global warming may worsen locust swarms
 - [Cressman 2013](#) Climate Change and Locusts in the WANA Region
 - [Yu et al 2009](#) Impacts of climate change on historical locust outbreaks in China
 - [Tian et al 2011](#) Reconstruction of a 1,910-y-long locust series reveals consistent associations with climate fluctuations in China
 - [Stige et al 2007](#) Thousand-year-long Chinese time series reveals climatic forcing of decadal locust dynamics
 - [Zhang and Li 2002](#) A possible relationship between outbreaks of the oriental migratory locust (*Locusta migratoria manilensis* Meyen) in China and the El Niño episodes
 - [Chen and Zhang 1999](#) HISTORICAL EVIDENCE FOR POPULATION DYNAMICS OF TIBETAN MIGRATORY LOCUST AND THE FORECAST OF ITS OUTBREAK
- Australia
 - [Wang et al 2019](#) Future climate change likely to reduce the Australian plague locust (*Chortoicetes terminifera*) seasonal outbreaks