

Climate Change & Health Adaptation Resource Guide

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Presented by:
New York State Department of Health (NYSDOH)
&
New York State Association of County Health Officials (NYSACHO)



Resource questions (or if you should like to contribute to the resource guide) can be directed to Danielle Pellino, dpellino@nysacho.org or Kristen Vacca, kristen.vacca@health.ny.gov

General Resources

Yale Climate Opinion Maps 2023	https://climatecommunication.yale.edu/visualizations-data/ycom-us/
The Medical Society Consortium on Climate and Health	https://medsocietiesforclimatehealth.org/
The Health Promises of Climate Solutions	https://medsocietiesforclimatehealth.org/wp-content/uploads/2024/01/The-Health-Promise-of-Climate-Solutions-5-22-1.pdf
Climate Central Resource Library	https://medsocietiesforclimatehealth.org/states/state-resources/climate-central-gallery/
The Medical Society Consortium on Climate and Health Resource Library	https://medsocietiesforclimatehealth.org/resources/
Health and Climate Messaging Guide	https://medsocietiesforclimatehealth.org/wp-content/uploads/2024/02/MSCCH_Key_Messages_2024.pdf
The Debunking Handbook	https://www.climatechangecommunication.org/wp-content/uploads/2020/10/DebunkingHandbook2020.pdf
Dr. Maibach Interview	https://us02web.zoom.us/rec/play/FlgB6b6e2wLHFJptVxtBr0KBiBmFwmnKwYEJXVeDGxS8qLob2x9HtBUaMXo0t-IrhWgpFn5q0DpCs_t5.GjA89ZBNPcA6gcZ7?continueMode=true&xzm_rtaid=xvyNwYutR8eSEWmCy5Kwlw.1666640153081.8b1948befdf3f976c4ef3969fb05a34b&xzm_rhtaid=75
Maibach, E., Frumkin, H., & Roser-Renouf, C. (2020). Climate silence on the web sites of US health departments. <i>American Journal of Public Health</i> , 110(8), 1121-1122.	https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Fajph.aphapublications.org%2Fdoi%2F10.2105%2FAJPH.2020.305791&data=05%7C01%7CLaura.Agnew%40health.ny.gov%7C8cfb5358620e4e792b3908daa187c534%7Cf46cb8ea79004d108ceb80e8c1c81ee7%7C0%7C0%7C637999902780521266%7CUnknown%7CTWFpbGZsb3d8eyJWljojMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6Ik1haWwiLCJXVCi6Mn0%3D%7C3000%7C%7C%7C&sdata=gJVphc3eEPvOr4eKmUVo46GpTloD%2BkolgnbtalRBUKA%3D&reserved=0

Maibach, E. (2022). Harnessing the power of communication and behavior science to enhance society’s response to climate change: A white paper for comment. <i>Annual Review of Earth and Planetary Science</i> .	https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4201560
Campbell, E., Uppalapati, S.S., Kotcher, J., & Maibach, E. (2022). Communication research to improve public engagement with climate change and human health	https://osf.io/dvumj/
Yale Climate Change Communications	https://climatecommunication.yale.edu/
The Center for Climate Change Communication	https://www.climatechangecommunication.org/
NYS EPHT (Environmental Public Health Tracking)	https://www.health.ny.gov/environmental/public_health_tracking/
CO-Benefit Risk Assessment Health Impacts Screening and Mapping Tool (COBRA)	https://www.epa.gov/cobra
Public Health Live!	https://www.albany.edu/cphce/phl.shtml
Moving the Needle at the Local Level Toolkit- NYSACHO	https://www.nysacho.org/wp-content/uploads/2021/07/Climate-and-Health-Adaptation-Moving-the-Needle-at-the-Local-Level.pdf
CDC Climate and Health	https://www.cdc.gov/climate-health/index.html
CDC BRACE (Building Resilience Against Climate Effects)	https://www.cdc.gov/climate-health/php/brace/index.html BRACE Resources: https://www.cdc.gov/climate-health/php/resources/index.html
CDC EPHT (Environmental Public Health Tracking)	https://ephtracking.cdc.gov/DataExplorer/
NYS County Health Department Map and Contacts	https://www.health.ny.gov/environmental/water/drinking/doh_pub_contacts_map.htm
NYS Center for Environmental Health Directory	https://www.health.ny.gov/environmental/phone.htm Phone Directory: https://www.health.ny.gov/environmental/telephone_directory.htm

NYS Climate Change and Health	https://www.health.ny.gov/environmental/weather/
NYS Indoor Air and Health	https://www.health.ny.gov/environmental/indoors/air/
NYS Outdoor Air and Health	https://www.health.ny.gov/environmental/outdoors/air/
NYS DOH Publication Order Form	https://www.health.ny.gov/forms/doh_publication_order_form.pdf
CDC Health Equity Guiding Principles for Inclusive Communication	https://www.cdc.gov/health-communication/php/toolkit/?CDC_AAref_Val=https://www.cdc.gov/healthcommunication/Health_Equity.html
NYSAC (New York State Association for Counties)	<p>https://www.nysac.org/</p> <p>Toolkit for County Officials: https://www.nysac.org/education-events/toolkit-for-county-officials/</p> <p>County Communications & Media Relations: https://www.nysac.org/media/facb5ymq/communcations-media-relations-slide-deck-38887.pdf</p> <p>Media Relations Guide for County Officials: https://www.nysac.org/media/lwnfiegh/nysac-media-relations-guide-may-2015.pdf</p> <p>NACo (National Association of Counties) Media Relations: A Guide for Counties https://www.naco.org/sites/default/files/documents/Media_Relations_Guide_Updated-2022.pdf</p>
HealthDataNY	https://www.health.data.ny.gov/browse?tags=environmental+health&sortBy=alpha
NYS Official Applications	https://www.ny.gov/mobileapps#:~:text=Mobile%20Apps%201%20511NY%20Mobile%20Get%20up%20to,MYmta%20..%208%20NY%20Lottery%20...%20More%20items
Disadvantaged Communities Barriers and Opportunities Report	https://climate.ny.gov/-/media/Project/Climate/Files/21-35-NY-Disadvantaged-Communities-Barriers-and-Opportunities-Report.pdf

Just Transition Working Group Jobs Study	https://climate.ny.gov/-/media/Project/Climate/Files/JTWG-Jobs-Report.pdf
Natural and Working Lands Job Study	https://climate.ny.gov/-/media/Project/Nyserda/Files/Publications/Energy-Analysis/Economic-Impacts-of-NYS-Climate-Mitigation-Strategies.pdf
Climate Advisory Working Group Recommendations	https://climate.ny.gov/-/media/Project/Climate/Files/Advisory-Panel-Strategies-Summary.pdf
NY Climate Change Science Clearing House	https://www.priweb.org/science-education-programs-and-resources/climate-change-clearinghouses
NYS Climate Impacts Assessment	https://nysclimateimpacts.org/
Local Housing Solutions	https://localhousingsolutions.org/housing-policy-library/land-banks/#:~:text=Regardless%20of%20the%20type%20of%20housing%20market%2C%20land,limit%20a%20developer%E2%80%99s%20holding%20costs%20until%20construction%20begins
National Land Bank Map	https://communityprogress.org/resources/land-banks/national-land-bank-map/
Rural Housing Coalition	https://ruralhousingcoalition.org/
Rural Housing Coalition of NYS	https://ruralhousing.org/rural-preservation-companies-rpcs/
UBuffalo Center for Information Integrity	https://www.buffalo.edu/cii.html
NASA Earth to Sky Program	https://earthtosky.org/
OpenDataNY	https://opendatany.com/
Consumer Guide to Home Solar	https://seia.org/research-resources/consumer-guide-home-solar/
Community Solar	https://seia.org/initiatives/community-solar/
SPEI Solar Power Summit	https://www.re-plus.com/
Heat Pump Information	https://www.energy.gov/energysaver/heat-pump-systems

Car Free Sundays	https://nationaltoday.com/car-free-sunday/#:~:text=Car-Free%20Sunday%20has%20its%20origins%20from%20when%20the,Week%2C%20which%20was%20sometime%20around%2017%20June.%20
Scenic Hudson	https://www.scenichudson.org/ Climate: https://www.scenichudson.org/our-work/climate/ Environmental Education: https://www.scenichudson.org/our-work/environmental-education/ Conservation: https://www.scenichudson.org/our-work/conservation/ Trail improvements: https://www.scenichudson.org/our-work/trail-projects/
NYSDA Clean Energy HUBS	https://www.nyserda.ny.gov/All-Programs/Regional-Clean-Energy-Hubs
ClimAID	https://www.nyserda.ny.gov/About/Publications/Energy-Analysis-Reports-and-Studies/Environmental-Research-and-Development-Technical-Reports/Response-to-Climate-Change-in-New-York
US Climate Reliance Toolkit	https://toolkit.climate.gov/steps-to-resilience/understand-exposure
Erie County Environment and Planning	https://www3.erie.gov/environment/climate-action-and-sustainability#resilience
Climate Psychiatry Alliance	https://www.climatepsychiatry.org/
Climate Psychiatry Alliance- Climate Change Resources	https://www.climatepsychiatry.org/resources-to-mitigate-climate-distress

Climate Smart Communities (CSC)

Climate Smart Communities	https://climatesmart.ny.gov/ https://www.dot.ny.gov/programs/completestreets Email: completestreets@dot.ny.gov
Find a Coordinator:	https://climatesmart.ny.gov/support/csc-coordinators/
Climate Smart Communities Resources	https://climatesmart.ny.gov/support/
CSC Certification Actions	https://climatesmart.ny.gov/actions-certification/actions/#close
Climate Smart Communities Webinar Archive	https://climatesmart.ny.gov/support/webinar-presentation-archive/
PE6 Action: Complete Streets Policy	https://climatesmart.ny.gov/actions-certification/actions/?type=1336777436&tx_sjcert_action%5BactionObject%5D=74&tx_sjcert_action%5Baction%5D=getPDF&tx_sjcert_action%5Bcontroller%5D=Action&chash=1f1fc47968740f855fe4ee64b0636a84
Developing a Complete Streets Policy (webinar)	https://vimeo.com/showcase/5725728/video/314499861
Climate Smart Communities Grant Funding (eligibility and application information)	https://www.dec.ny.gov/energy/109181.html
Climate Smart Communities: Connections with Public Health (webinar)	https://www.albany.edu/cphce/phl_0519.shtml
NYSERDA Clean Energy Communities	https://www.nyserda.ny.gov/All-Programs/clean-energy-communities
Erie County Climate Action	https://www3.erie.gov/climateaction/

Collaboration and Partnership Resources

<p>Climate and Health: A Guide for Cross-Sector Collaboration</p>	<p>https://www.cdc.gov/climate-health/media/pdfs/CrossSectorClimateandHealth_508.pdf</p> <p>The following guide was developed by the Centers for Disease Control and Prevention (CDC) to support health department staff in conducting cross-sector outreach for climate adaptation planning. Health departments have a key role to play in helping states, cities, and tribes prepare for and prevent the public health impacts of climate change. The ten sectors included in this guide can be important partners for effective climate adaptation planning.</p>
<p>Adaptation Capability Advancement Toolkit (Adapt-CA)</p>	<p>https://arccacalifornia.org/adapt-ca/</p> <p>This is a resource from CalBRACE. It helps local governments assess overcoming common institutional barriers. “The Adaptation Capability Advancement Toolkit (Adapt-CA) is intended to assist California local governments with overcoming common institutional barriers and improving agency capabilities. By using Adapt-CA, local governments will be able to rapidly identify opportunities to improve existing capabilities in order to pursue climate change adaptation initiatives more effectively and holistically.”</p>
<p>Western NY Sustainable Business Roundtable</p>	<p>https://www.wnysustainablebusiness.org/#:~:text=The%20Western%20New%20York%20Sustainable%20Business%20Roundtable%20%28SBR%29,benefit%20staff%2C%20the%20environment%2C%20and%20their%20bottom%20line.</p>
<p>Erie Regional Chamber and Growth Partnership</p>	<p>https://www.eriepa.com/take-action/erie-ambassador-program#:~:text=The%20Erie%20Ambassador%20program%20is%20designed%20to%20give,information%20from%20some%20of%20Erie%E2%80%99s%20top%20civic%20leaders.</p>

Extreme Heat

APHA Extreme Heat Resource Hub	https://apha.org/topics-and-issues/climate-health-and-equity/extreme-heat
NYS DOH Extreme Heat Advice Webpage	https://www.health.ny.gov/environmental/emergency/weather/hot/
Heat and Health Story Map	https://health.ny.gov/environmental/weather/heat_story_map
Heat Vulnerability Index	https://www.health.ny.gov/environmental/weather/vulnerability_index/
County Heat and Health Profiles	https://www.health.ny.gov/environmental/weather/profiles/index.htm
NYC Heat and Health Profile	https://www1.nyc.gov/assets/doh/downloads/pdf/environmental/climate-health-profile-report.pdf
NYS Cooling Centers	https://apps.health.ny.gov/statistics/environmental/public_health_tracking/tracker/#/CCMap
NYC Cooling Centers	https://maps.nyc.gov/cooling-center/inactive.html?1661439000000
1243 Keep Cool During the Summer (English)	https://www.health.ny.gov/publications/1243.pdf
1244 Keep Cool During the Summer (Spanish)	https://www.health.ny.gov/publications/1244.pdf
6636 Heat and Health Infographic (English)	https://www.health.ny.gov/publications/6636.pdf
6594 When it's Too Hot for a Fan (English)	https://www.health.ny.gov/publications/6594.pdf

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Storm Response/Weather Vulnerability/Emergency Preparedness

Drinking Water and Flood Recovery	https://www.health.ny.gov/environmental/water/drinking/flooding/ Email: bwsp@health.ny.gov
Flood Recovery and Resiliency	https://www.dec.ny.gov/lands/121102.html
Weather Emergencies Webpage	https://www.health.ny.gov/environmental/emergency/flood/
Flooding and Private Wells Webpage	https://www.health.ny.gov/publications/6562/index.htm
Emergency Preparedness Webpage	https://www.health.ny.gov/environmental/emergency/
Public Health Duty Officer Helpline	1-866-881-2809 You can call this number at any time, day or night, in case of a public health emergency. You should also call this phone number to report communicable disease.
6562 Flood Recovery- Restoring Private Wells (English)	https://www.health.ny.gov/publications/6562.pdf
2720 Flood Recovery-Sampling Private Wells (English)	https://www.health.ny.gov/environmental/water/drinking/flooding/docs/private_wells.pdf
2802 Checklist and Resources for Repairing Your Flooded Home (English)	https://www.health.ny.gov/publications/2802.pdf
6553 Drinking Water and Flood Guidance After a Flood (English)	https://www.health.ny.gov/publications/6553.pdf
6552 Flood Clean up and Home Repair (English)	https://www.health.ny.gov/publications/6552.pdf
2708 Flooding Quick Reference Guide (English)	https://www.health.ny.gov/publications/2708.pdf
7289 How to Prevent Illness from Flood Waters Factsheet (English)	https://www.health.ny.gov/publications/7289.pdf
2752 What Do Homeowners Need To Know About Petroleum Spills and Flooding (English)	https://www.health.ny.gov/publications/2752.pdf
7213 Generator Safety (English)	https://www.health.ny.gov/publications/7213.pdf
7214 Generator Safety (Spanish)	https://www.health.ny.gov/publications/7214.pdf

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Harmful Algal Blooms (HABs)

NYS HABs Tracker	https://nysdec.maps.arcgis.com/apps/webappviewer/index.html?id=ae91142c812a4ab997ba739ed9723e6e Email: harmfulalgae@health.ny.gov
New York State Harmful Blue-Green Algae Blooms (HABs) and Health (webinar)	https://www.albany.edu/cphce/phl_0919.shtml
HABs Webpage	https://health.ny.gov/environmental/water/drinking/bluegreenalgae/
NYS DOH HABs Publications	https://health.ny.gov/environmental/water/drinking/bluegreenalgae/publications.htm
2849 Blue-Green Algae Bloom Response for Beach Operators and Staff	https://www.health.ny.gov/publications/2849.pdf
6564 Blue-Green Algae Bookmark	Blue-green Algae bookmark (ny.gov)
6563 Blue-Green Algae and Health	https://www.health.ny.gov/publications/6563.pdf
6629 Harmful Blue Green Blooms	https://www.health.ny.gov/publications/6629.pdf
6631 Drinking Water Health Advisory for Harmful Blue-Green Algae Bloom Toxin Protects Public Health	https://www.health.ny.gov/publications/6631.pdf
6632 Public Water Supplies- Optimize Treatment During Harmful Blue-Green Algae Blooms	https://www.health.ny.gov/publications/6632.pdf
Beach Closure Signage	https://health.ny.gov/publications/6637.pdf

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Water Resources

Know Your NY Water	https://water.ny.gov/doh2/applinks/waterqual/#/home
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Funding Information – General

Topic	Organization /Agency	Important Dates (if known)	Resource
Federal Grant Search Engine			https://www.grants.gov/search-grants
NYS Grant Opportunities	NYS		https://grantsmanagement.ny.gov/search-funding
NYS Grants Gateway	NYS		https://grantsgateway.ny.gov/IntelliGrants_NYSGG/module/nysgg/goportal.aspx Hours: Monday – Friday 8:00 a.m. to 4:00 p.m. Phone: (518) 474-5595 Email: grantsgateway@its.ny.gov
NYS DEC Grants (multiple)	DEC		https://www.dec.ny.gov/pubs/grants.html Phone: 518-402-9240 Email: dmb.contracts@dec.ny.gov
Climate Smart Communities Grant Funding (eligibility and application information)	DEC		https://dec.ny.gov/environmental-protection/climate-change/resources-for-local-governments/grants-for-climate-action#CSC
Environmental Protection Fund (EPF)	DEC		https://dec.ny.gov/environmental-protection/fund Phone: 518-402-8013 Email: contact@dec.ny.gov
Open Space Funding	DEC-EPF		https://dec.ny.gov/nature/open-space Phone: 518-402-9405 Email: LF.OpenSpacePlan@dec.ny.gov
Air Finance Clearinghouse	EPA		https://ordspub.epa.gov/ords/wfc/f?p=165:403:12162106362856:::403,RIR
Land Finance Clearinghouse	EPA		https://ordspub.epa.gov/ords/wfc/f?p=165:512:12162106362856:::512

Water Finance Clearinghouse	EPA		https://ordspub.epa.gov/ords/wfc/f?p=165:12:12162106362856:::12
Drinking Water State Revolving Fund	EPA		https://www.epa.gov/dwsrf Handbook: https://www.epa.gov/dwsrf/drinking-water-state-revolving-fund-eligibility-handbook
FEMA Grants	FEMA		https://www.fema.gov/grants https://www.fema.gov/grants/tools
NYS Pollution Prevention Institute	NYS P2I & RIT		https://www.rit.edu/affiliate/nysp2i/funding

Funding – Topic Specific

Topic	Organization /Agency	Dates (if know)	Resource
Hudson River Estuary Grants and Funding	DEC		https://www.dec.ny.gov/lands/5091.html Phone: 518-402-8270 Email: Hrep@dec.ny.gov
Trees for Tribes	DEC		https://www.dec.ny.gov/animals/77710.html Phone: 518-402-9405 Email: treesfortribs@dec.ny.gov
Farm to School Grant Program	USDA- Food and Nutrition Service		https://www.fns.usda.gov/f2s/farm-school-grant-program
Waste Reduction, Recycling and Household Hazardous Waste	DEC		https://www.dec.ny.gov/chemical/4776.html Phone: 518-402-8678 Email: RecyclingGrants@dec.ny.gov
Clean Energy Communities	NYSERDA	Continuous Dates specified within application	https://www.nyserdera.ny.gov/All-Programs/Clean-Energy-Communities/How-It-Works/Grants Additional Opportunities: https://www.nyserdera.ny.gov/Funding-Opportunities/Current-Funding-Opportunities

Climate and Health Demonstration Sites	NACCHO	Thursday, December 5, 2024, 11:59 PM	<p>Information: https://www.naccho.org/blog/articles/rfa-climate-2024</p> <p>RFA: https://www.naccho.org/uploads/downloadable-resources/NACCHO-RFA-Climate-Demo-Sites-2024-2025_Final.pdf</p> <p>Apply here: https://eweb.naccho.org/eweb/DynamicPage.aspx?WebCode=LoginRequired&expires=yes&Site=naccho&URL_success=https://nationalassociationcountycityhealthofficials.azurewebsites.net/api/sso/process?ssoToken=%7Btoken%7D</p>
Neighborhood and Rural Preservation Programs	NYS Homes and Community Renewal	Funding not currently open	https://hcr.ny.gov/neighborhood-and-rural-preservation-programs#
Homeowner Assistance Fund	NYS Homes and Community Renewal		https://www.nyhomeownerfund.org/