

1. RECEIVING GEOGRAPHY GUIDE

EDITION 1, MARCH 2022



CLIMATE RECEIVER PLACES PROJECT AT THE



PLACE INITIATIVE

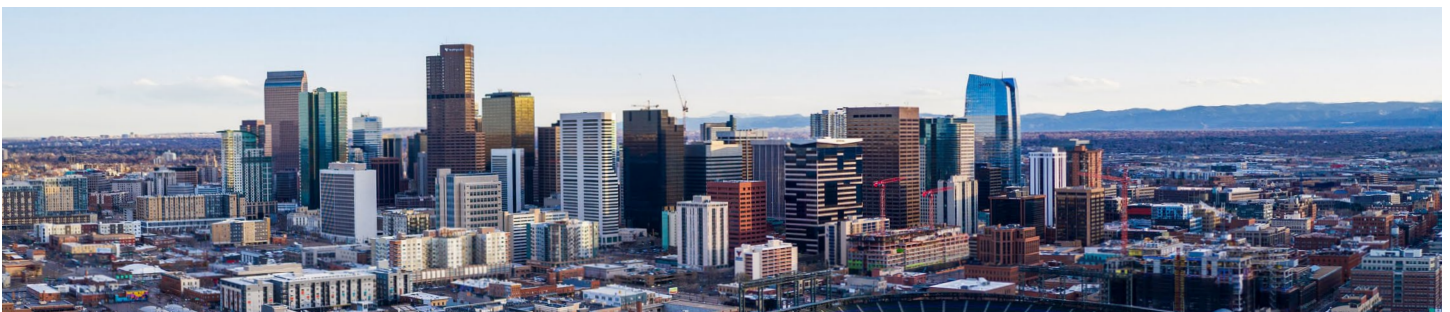
Receiving Geography Guide

Edition 1, March 2022. Released by the Climate Receiver Places Project at PLACE Initiative.

This project is also available at:
placeinitiative.org/projects/receiver-places/

This document and associated data are also published at:
placeinitiative.org/projects/receiver-places/01-geography/

A. Overview	03	C.4 - List of Large Receiver Places	11
A.0 - Overview	03	C.5 - List of Smaller Receiver Places	12
B. Climate Risk	04	D. Take Action	19
B.0 - Introduction	04	D.0 - Introduction	19
B.1 - Risk Factors	04	D.1 - Local Action	19
B.2 - Rating System	04	D.2 - State and Federal Action	19
B.3 - Additional Local Criteria	05	E. Acknowledgments	20
C. Receiving Geography	07	E.0 - Acknowledgments	20
C.0 - Introduction	07	F. Bibliography	21
C.1 - Map of County Risk Scores	08	F.0 - Bibliography	21
C.2 - Map of Receiver Counties	09		
C.3 - Map of Receiver Places	10		



Overview

Climate Receiver Places Project

The goal of the Climate Receiver Places Project is to create a framework for communities to equitably strengthen their futures in response to incoming climate change migration. We will use the policy documents that we create to work with communities in climate-resilient geographies to promote and implement climate-resilient urbanism. Compact, complete, complex communities are a climate change solution for both mitigation and adaptation. Climate receiver places are communities that sit within geographies with low climate-change risk exposure, while maintaining interconnected spatial organizations that have the potential to adapt and grow into resilient communities.

Project Documents

1. Receiving Geography Guide – A document to define receiving geography, specific cities, towns, and regions around these municipalities, and the methodology that led to our selection of certain places. Supplementary maps and data will be available on this project's website and in the database.
2. Community Principles Guide – A document to define equitable, climate-resilient urbanism principles and how communities can use them to change mindsets, self-assess, plan, and implement.
3. Implementation Guide – A practical guide to implementation of the resilience overview and toolkit, and how Place Initiative can fit into this process to make things happen.
4. Receiver Places Toolkit – A database that attaches specific policy, case studies, relevant consultants, and other resources to the principles defined in the resilience overview.

The materials for the Climate Receiver Places Project can be found at placeinitiative.org/receiver-places/



PLACE Initiative

This project is part of PLACE Initiative, which is a policy platform that operates in the intersection between climate change, social justice, and urbanism.

Receiving Geography Guide

The Receiving Geography Guide, is the first in a series of three documents and one database that make up the Climate Receiver Places Guide.

Through a meta-analysis, we have determined regions with relatively low climate change risk exposure in the continental United States. From here, we factored in localized flooding risk and well-connected infrastructure systems that lend themselves well to building resilient communities. Places with low localized flood risk and the right spatial structure, sitting within low-risk regions, were added to this project's list of climate receiver places. Within PLACE Initiative's [Resiliency & Adaptation Resource Sheet](#), these communities mostly fall under category one, and sometimes under category two.

These selected geographies are not necessarily already adapting successfully to climate change. Rather, they are geographies with the potential to successfully do so, provided they follow our [Community Principles Guide](#).

We depict receiver regions, receiver places, and methodology in this document. As there is too much data to display directly in this document, we provide supplementary materials on this project's website.

B. Climate Risk

Introduction to Climate Risk

The receiver places that we've determined sit within counties that have relatively low levels of climate change risk. The risk factors that we've included in a weighted meta-analysis from two sources to determine county-level climate risk scores are listed below.

B.1 CLIMATE RISK FACTORS

Risk Factors from Propublica^{1,2}

- 1. Extreme heat** can stress both health and infrastructure.
- 2. High wet bulb temperatures**, as a combination of heat and high humidity levels, can lead to heat illness and death.
- 3. Reduced farm crop yields** can put strain on local food supplies, which are necessary for self-sufficient communities and resilience.
- 4. Sea level rise** is a slow-moving risk compared to some others listed here, but is one of the more difficult factors to mitigate.
- 5. Wildfires** can threaten the existence of communities and their surroundings, while causing air quality issues.
- 6. Economic damages** are important to consider for the viability of a community, the prosperity of its residents, and an ability to fund adaptation to other climate risk factors.

Risk Factors from Four Twenty Seven³

- 7. Water stress** is an existential threat, as many communities cease to exist when once-reliable water sources dry up temporarily, seasonally, or permanently.
- 8. Extreme rainfall** can cause flooding, landslides, and other issues.
- 9. Hurricanes** can abruptly destroy large swaths of infrastructure while putting lives at risk, especially as these storms intensify and move further north.

B.2 RATING SYSTEM

The climate risk score for places weights the nine considered climate risks, on a scale of 0 to 14. A higher score constitutes more risk. Each factor is assigned a maximum number of points, with thresholds that we've determined which correspond to the data from Four Twenty Seven's 0-4 scale and Propublica's 1-10 scale.

Counties with a risk score of 0 to 2 are considered to be receiving geographies. A score of 3 is a marginal receiving geography. A score of 4 or more is a sending geography.

- 1. Extreme Heat:** 1 point
1 point if Propublica score is 5+.
- 2. High Wet Bulb Temperatures:** 1 point.
1 point if Propublica score is 5+.
- 3. Reduced Farm Crop Yields:** 1 point.
1 point if Propublica score is 5+.
- 4. Sea Level Rise:** 3 points.
3 points if Propublica score is 3+, 2 points if Propublica score is 2.



5. Wildfires: 2 points.

2 points if Propublica score is 5+, 1 point if Propublica score is 1.

6. Economic Damages: 1 point.

1 point if Propublica score is 5+.

7. Water Stress: 4 points.

4 points if 427 score is 4, 3 points if 427 score is 3, 1 point if 427 score is 2.

8. Extreme Rainfall: 1 point.

1 point if 427 score is 2+.

9. Hurricanes: 1 point.

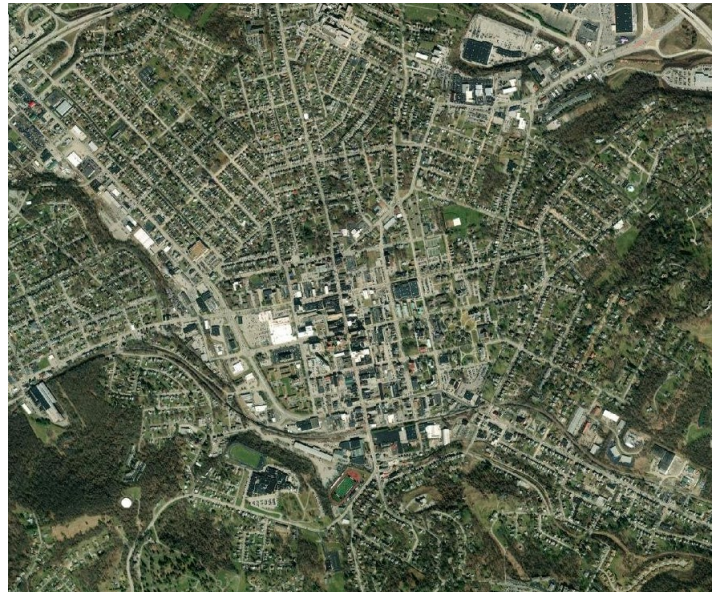
1 point if 427 score is 2+.

B.3 ADDITIONAL LOCAL CRITERIA**Quality Urban Form**

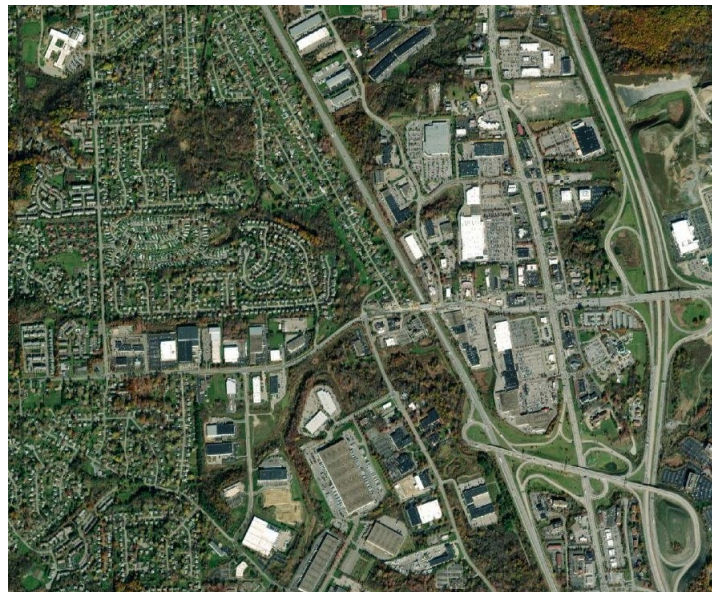
Once county risk levels are assessed, and receiving geographies are determined, additional local criteria must be considered to narrow down receiving places from larger receiving geography regions. These criteria are urban form and local flooding, which cannot be assessed on the county level.

Extant quality urban form is necessary as a prerequisite of resilience and capacity for growth. The development pattern of a place can be best adapted for the future if its structure is interconnected and flexible, the opposite of chaotic, disjointed sprawl. Ideally, the place is also mixed-use and compact to some degree, making efficient use of land while supporting multi-modal transportation options.

Below, a compact, interconnected receiver place is shown at the same scale beside a sprawling, disconnected, fragile place that sits within a receiving county but does not meet the criteria of a receiver place. For reasons of urban form, Washington, PA is on our list, and Cranberry Township, PA is not.



Washington, PA⁴: Receiver Place



Cranberry Township, PA⁵: Poor Urban Form



Local Flooding

If a county has low climate change risk and a place within that county has good urban form, local flooding conditions can still make or break a climate receiver place.

Local flooding considered in this project comes in three types: lake level fluctuations, sea level rise, and urban flooding.

For lake level fluctuations, we've looked at the great lakes' record high water levels, adding 3 meters for expected volatility in an era of climate change and seiches and mapping⁶ the result.

For sea level rise, we've considered projections from Climate Central⁷, though this had little impact on our study, given the very limited coastal geography that qualifies as receiving geography in our county-level study.

For urban flooding, we assessed local risk for 500 year floods by FloodFactor⁸. If a place has low risk or risk that is well-contained to part of a community, it may qualify as a receiver place. If the viability of a place is compromised by its flood risk, then it is removed from consideration.

Risk level for each community for each type of flooding has been assessed qualitatively on a case-by-case basis.



C. Receiving Geography

Introduction to Receiving Geography

Based on climate risk scores and additional local criteria described in the Climate Risk section of this guide, PLACE Initiative has selected a series of climate receiver places. These places are potential candidates for using the resources of the Climate Receiver Places Project and working with our team to become the receiver places of the future. Additional data about receiving geography is published on our website, at placeinitiative.org/projects/receiver-places/01-geography/

C.1 MAP OF COUNTY RISK SCORES

This map, on page 8, displays climate risk scores by county. Blue counties have low climate risk scores, while green counties have medium risk scores, and white counties have high risk scores. Blue counties are better situated to remain viable and healthy in an era of climate change, acting as receiving geographies for migrants and refugees from less climate-resilient places.

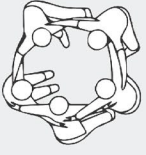
C.2 MAP OF RECEIVER COUNTIES

This map, on page 9, displays receiving geography status for each county. Blue counties are receiving geographies, with risk scores of 0 to 2, as compared to a maximum score of 14. Green counties are marginal receiving geographies, with risk scores of 3. Places here are considered as receiving geographies or not on a case-by-case basis. Other counties are sending geographies, with risk scores of 4 to 14.

C.3 MAP OF RECEIVER PLACES

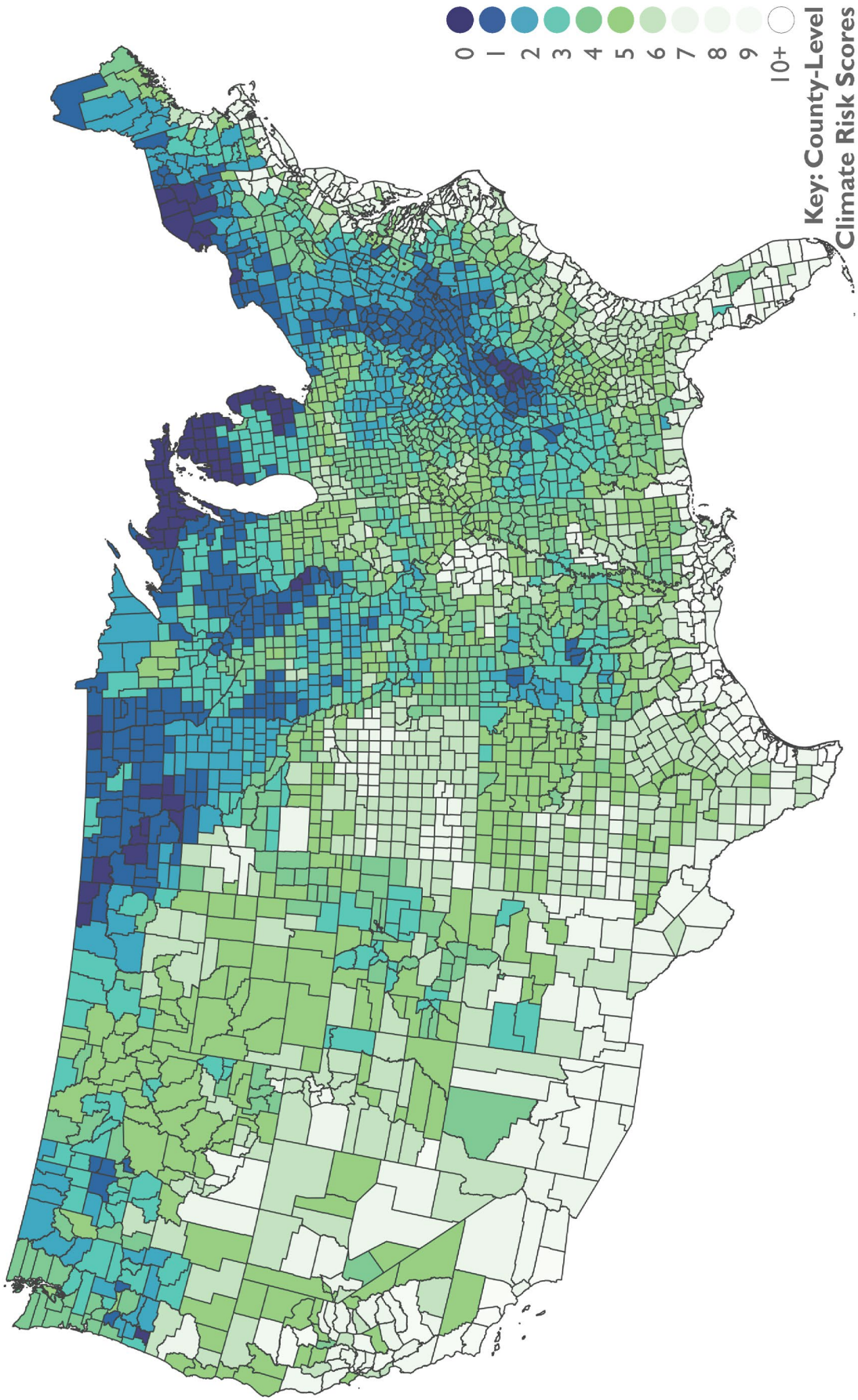
This map, on page 10, displays receiver places selected by PLACE Initiative. Places are color coded based on county-level climate risk score on a scale of 0 to 14 (14 being the highest risk), and sized based on municipal population. Greyed-out counties follow the receiver counties outlined in the previous map.





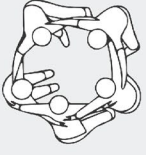
Climate Receiver Place County Risk Scores

Climate Receiver Places Project at PLACE Initiative



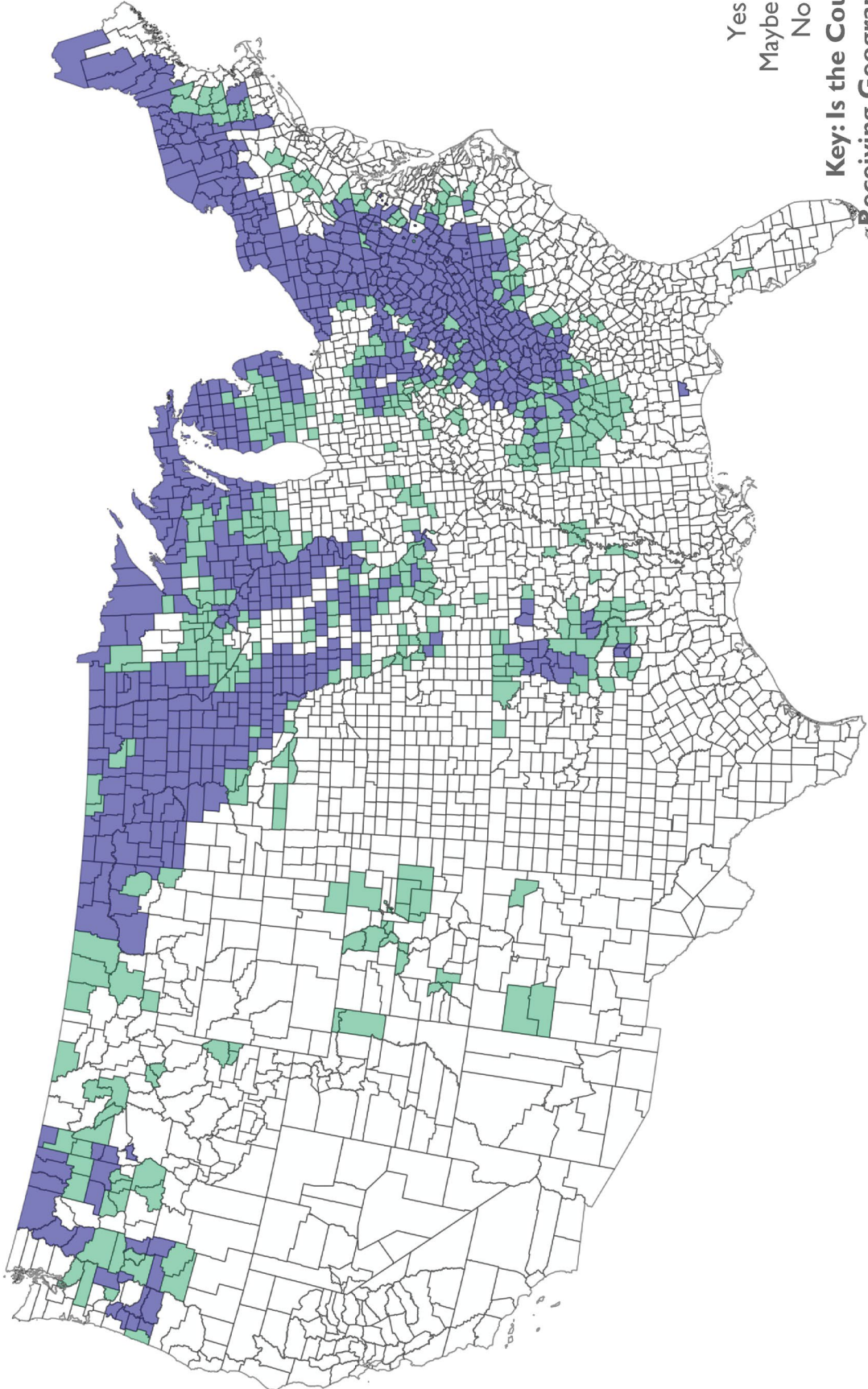
**Key: County-Level
Climate Risk Scores**

Meta-analysis based on data from Four Twenty Seven and ProPublica, March 2022. This map displays receiver places selected by PLACE Initiative. Places are color coded based on county-level climate risk score on a scale of 0-14 (14 being the highest risk), and sized based on municipal population. Greyed out counties follow the receiving geographies outlined in the County Map of Receiving Geography. Risk score does not include local flood risk.



Climate Receiver Counties

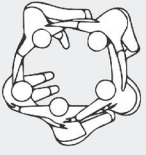
Climate Receiver Places Project at PLACE Initiative



- Yes
- Maybe
- No

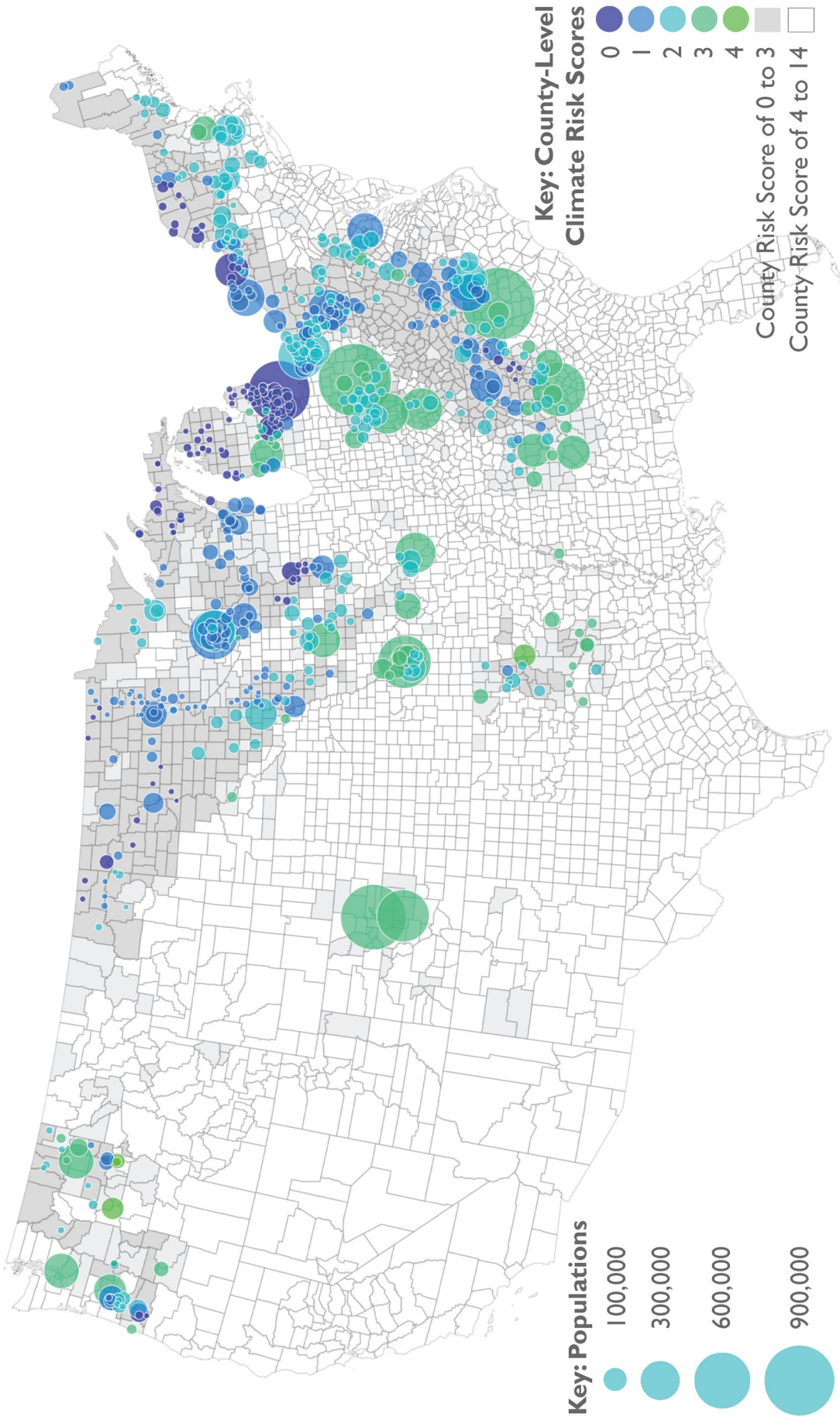
Key: Is the County Receiving Geography?

Meta-analysis based on data from Four Twenty Seven and ProPublica, March 2022. This map displays receiver places selected by PLACE Initiative. Places are color coded based on county-level climate risk score on a scale of 0-14 (14 being the highest risk), and sized based on municipal population. Greyed out counties follow the receiving geographies outlined in the County Map of Receiving Geography. Risk score does not include local flood risk.



Climate Receiver Places

Climate Receiver Places Project at PLACE Initiative



Meta-analysis based on data from Four Twenty Seven and ProPublica, March 2022. This map displays receiver places selected by PLACE Initiative. Places are color coded based on county-level climate risk score on a scale of 0-14 (14 being the highest risk), and sized based on municipal population. Greyed out counties follow the receiving geographies outlined in the County Map of Receiving Geography. Risk score does not include local flood risk.

C.4 LIST OF LARGE RECEIVER PLACES

The 46 cities listed below have populations of more than 100,000 within city limits and sit at the centers of receiver places. We have identified smaller receiver places as well, with 620 total municipalities at the centers of receiver places across the United States. These are listed approximately in population order from largest to smallest.

Columbus, Ohio	Winston-Salem, North Carolina	Syracuse, New York
Charlotte, North Carolina	Arlington, Virginia	Athens, Georgia
Denver, Colorado	Spokane, Washington	Fargo, North Dakota
Detroit, Michigan	Tacoma, Washington	Columbia, Missouri
Atlanta, Georgia	Des Moines, Iowa	Rochester, Minnesota
Kansas City, Missouri	Birmingham, Alabama	Ann Arbor, Michigan
Colorado Springs, Colorado	Rochester, New York	Lansing, Michigan
Minneapolis, Minnesota	Huntsville, Alabama	Independence, Missouri
Cleveland, Ohio	Grand Rapids, Michigan	High Point, North Carolina
Lexington, Kentucky	Akron, Ohio	Manchester, New Hampshire
St. Paul, Minnesota	Knoxville, Tennessee	Hillsboro, Oregon
Cincinnati, Ohio	Sioux Falls, South Dakota	Davenport, Iowa
Pittsburgh, Pennsylvania	Vancouver, Washington	Lee's Summit, Missouri
Greensboro, North Carolina	Worcester, Massachusetts	Roanoke, Virginia
St. Louis, Missouri	Kansas City, Kansas	
Buffalo, New York	Olathe, Kansas	



C.4 LIST OF SMALLER RECEIVER PLACES

The 570 climate receiver places listed below have populations of less than 100,000 within city limits. These are listed approximately in population order from largest to smallest. This list is by no means comprehensive, especially when considering places with populations of several thousand or less.

Albany, New York	Youngstown, Ohio	East Lansing, Michigan
Erie, Pennsylvania	Chapel Hill, North Carolina	Minot, North Dakota
Asheville, North Carolina	Hamilton, Ohio	Niagara Falls, New York
Fort Smith, Arkansas	Marietta, Georgia	Charlottesville, Virginia
Duluth, Minnesota	Utica, New York	Cleveland, Tennessee
Bloomington, Minnesota	Corvallis, Oregon	Gainesville, Georgia
Kennewick, Washington	Royal Oak, Michigan	Blacksburg, Virginia
Troy, Michigan	Pontiac, Michigan	Moorhead, Minnesota
Sioux City, Iowa	Springfield, Ohio	Concord, New Hampshire
Lynchburg, Virginia	Dubuque, Iowa	Cleveland Heights, Ohio
Gastonia, North Carolina	Blue Springs, Missouri	Wentzville, Missouri
Rochester Hills, Michigan	Albany, Oregon	Shakopee, Minnesota
St. Joseph, Missouri	Leesburg, Virginia	Altoona, Pennsylvania
Appleton, Wisconsin	Kingsport, Tennessee	Burlington, Vermont
Bismarck, North Dakota	Elyria, Ohio	Delaware, Ohio
Maple Grove, Minnesota	Coeur d'Alene, Idaho	Pittsfield, Massachusetts
St. Charles, Missouri	Harrisonburg, Virginia	Florence, Alabama
Muncie, Indiana	La Crosse, Wisconsin	Lancaster, Ohio
Johnson City, Tennessee	Lakewood, Ohio	Manassas, Virginia
Ames, Iowa	Cuyahoga Falls, Ohio	Fitchburg, Massachusetts
Oshkosh, Wisconsin	Middletown, Ohio	Cedar Falls, Iowa
Schenectady, New York	St. Louis Park, Minnesota	Hagerstown, Maryland
Lorain, Ohio	Sheboygan, Wisconsin	Danville, Virginia



Hot Springs, Arkansas	Morristown, Tennessee	Forest Grove, Oregon
Wausau, Wisconsin	Rotterdam, New York	Austin, Minnesota
Warren, Ohio	Maryville, Tennessee	Salem, Virginia
Muskogee, Oklahoma	Galesburg, Illinois	Staunton, Virginia
Richmond, Kentucky	Williston, North Dakota	De Pere, Wisconsin
Bartlesville, Oklahoma	Texarkana, Arkansas	Brookings, South Dakota
Muskegon, Michigan	Oak Park, Michigan	Burlington, Iowa
Richfield, Minnesota	Milford, Massachusetts	Ottumwa, Iowa
Lewiston, Maine	Jamestown, New York	Wadsworth, Ohio
Texarkana, Texas	Saratoga Springs, New York	Watertown, New York
Leavenworth, Kansas	Aberdeen, South Dakota	Newberg, Oregon
Richmond, Indiana	Anderson, South Carolina	Belton, Missouri
McMinnville, Oregon	Winchester, Virginia	Oxford, Ohio
Cookeville, Tennessee	Xenia, Ohio	Romulus, Michigan
Pullman, Washington	Marshalltown, Iowa	Muscatine, Iowa
Redmond, Oregon	Thomasville, North Carolina	Farmington, Minnesota
Torrington, Connecticut	New Milford, Connecticut	Willoughby, Ohio
Salisbury, North Carolina	Troy, Ohio	Hastings, Minnesota
Dalton, Georgia	Neenah, Wisconsin	Christiansburg, Virginia
Holland, Michigan	Superior, Wisconsin	Gardner, Kansas
Lewiston, Idaho	Woodburn, Oregon	Watertown, South Dakota
Liberty, Missouri	Moscow, Idaho	Cartersville, Georgia
Jackson, Michigan	Asheboro, North Carolina	Albertville, Alabama
Manitowoc, Wisconsin	Medina, Ohio	Chillicothe, Ohio
Rome, New York	Auburn, New York	Hamtramck, Michigan
Eastpointe, Michigan	Barberton, Ohio	Birmingham, Michigan
Mount Lebanon, Pennsylvania	Owatonna, Minnesota	Forest Lake, Minnesota
Morgantown, West Virginia	White Bear Lake, Minnesota	Chambersburg, Pennsylvania



Anniston, Alabama	Kirksville, Missouri	Clarksdale, Mississippi
Gardner, Massachusetts	Steubenville, Ohio	Hendersonville, North Carolina
Marquette, Michigan	Calhoun, Georgia	Washington Court House, Ohio
Sidney, Ohio	Wisconsin Rapids, Wisconsin	Robbinsdale, Minnesota
Lockport, New York	Martinsburg, West Virginia	Glens Falls, New York
Shelby, North Carolina	Oswego, New York	Circleville, Ohio
Boone, North Carolina	New Castle, Indiana	Athens, Tennessee
Ypsilanti, Michigan	Tahlequah, Oklahoma	Greensburg, Pennsylvania
South St. Paul, Minnesota	Southbridge, Massachusetts	Fort Payne, Alabama
West St. Paul, Minnesota	Webster, Massachusetts	Reidsville, North Carolina
Painesville, Ohio	Wayne, Michigan	Millbury, Massachusetts
Tullahoma, Tennessee	Morganton, North Carolina	Allouez, Wisconsin
Stillwater, Minnesota	Menomonie, Wisconsin	Fergus Falls, Minnesota
Plattsburgh, New York	Cohoes, New York	Pierre, South Dakota
Carlisle, Pennsylvania	Waterville, Maine	Elizabethton, Tennessee
Lexington, North Carolina	Cullman, Alabama	Huron, South Dakota
Onalaska, Wisconsin	Red Wing, Minnesota	Trenton, Ohio
Augusta, Maine	Kaukauna, Wisconsin	Washington, Pennsylvania
Cortland, New York	Mount Pleasant, Texas	Rochester, Michigan
Marshfield, Wisconsin	Beckley, West Virginia	Bellefontaine, Ohio
Fairmont, West Virginia	Hibbing, Minnesota	Indiana, Pennsylvania
Radford, Virginia	Mitchell, South Dakota	Cornelius, Oregon
Hopkins, Minnesota	Wilkesburg, Pennsylvania	Butler, Pennsylvania
Niles, Ohio	Greeneville, Tennessee	Geneva, New York
Trenton, Michigan	Jamestown, North Dakota	Greenville, Ohio
Ashtabula, Ohio	Rutland, Vermont	Lewisburg, Tennessee
Menasha, Wisconsin	Eden, North Carolina	Jefferson, Georgia
McAlester, Oklahoma	Gloversville, New York	North St. Paul, Minnesota



Boone, Iowa	East Liverpool, Ohio	Winchester, Tennessee
Wilmington, Ohio	Bonham, Texas	Grinnell, Iowa
Amherst, Ohio	Storm Lake, Iowa	Charlotte, Michigan
Bedford, Ohio	Atchison, Kansas	Mechanicsburg, Pennsylvania
Martinsville, Virginia	Farmington, Michigan	Sturgeon Bay, Wisconsin
Little Chute, Wisconsin	Ogdensburg, New York	Presque Isle, Maine
Crossville, Tennessee	London, Ohio	Middlebury, Vermont
South Lyon, Michigan	Pella, Iowa	Canonsburg, Pennsylvania
Oskaloosa, Iowa	Coweta, Oklahoma	Newark, New York
Cedarburg, Wisconsin	Le Mars, Iowa	Pleasant Hill, Missouri
Grafton, Wisconsin	Tipp City, Ohio	Thief River Falls, Minnesota
Clawson, Michigan	Canandaigua, New York	Seneca, South Carolina
Mexico, Missouri	Harrisonville, Missouri	Mount Pleasant, Iowa
Salem, Ohio	Flat Rock, Michigan	Othello, Washington
Magnolia, Arkansas	Berlin, New Hampshire	Sallisaw, Oklahoma
Urbana, Ohio	Sparta, Wisconsin	Lapeer, Michigan
Ravenna, Ohio	Hamburg Village, New York	Mason, Michigan
Grand Rapids, Minnesota	Paris, Kentucky	Roxboro, North Carolina
Newport, Oregon	Carroll, Iowa	Beaver Falls, Pennsylvania
Lawrenceburg, Tennessee	Howell, Michigan	Denison, Iowa
Dobbs Ferry, New York	Uniontown, Pennsylvania	Jefferson City, Tennessee
Grand Haven, Michigan	Bluefield, West Virginia	Dormont, Pennsylvania
Vermillion, South Dakota	Hope, Arkansas	Oberlin, Ohio
Fulton, New York	Tomah, Wisconsin	Eaton, Ohio
Spencer, Iowa	Saline, Michigan	Jerseyville, Illinois
Highland Park, Michigan	Sandpoint, Idaho	Johnstown, New York
Waynesville, North Carolina	Detroit Lakes, Minnesota	Ludington, Michigan
Cadillac, Michigan	Plymouth, Michigan	London, Kentucky



Oak Hill, West Virginia	Hillsborough, North Carolina	Orange City, Iowa
Geneseo, New York	Ellwood City, Pennsylvania	Solvay, New York
Watford City, North Dakota	Grove, Oklahoma	Jackson, Ohio
St. Johns, Michigan	Canfield, Ohio	Independence, Iowa
Brevard, North Carolina	Belle Plaine, Minnesota	Harriman, Tennessee
Wytheville, Virginia	Knoxville, Iowa	East Aurora, New York
Brockport, New York	St. Johnsbury, Vermont	Manistee, Michigan
Abingdon, Virginia	New London, Wisconsin	Stewartville, Minnesota
Hood River, Oregon	Elkins, West Virginia	Holly, Michigan
Baldwinsville, New York	Idabel, Oklahoma	Charles Town, West Virginia
Ashland, Wisconsin	Eldridge, Iowa	Milan, Michigan
Wahpeton, North Dakota	Bremen, Georgia	Northville, Michigan
Gettysburg, Pennsylvania	St. Albans, Vermont	Maquoketa, Iowa
Sioux Center, Iowa	Strasburg, Virginia	Monticello, Kentucky
Grove City, Pennsylvania	Nevada, Iowa	Geneva, Ohio
Brighton, Michigan	De Soto, Kansas	Waupaca, Wisconsin
Farmington, Maine	Hillsboro, Ohio	Richmond, Michigan
Caribou, Maine	Kasson, Minnesota	Oelwein, Iowa
Houghton, Michigan	Atlantic, Iowa	Albion, New York
South Boston, Virginia	Canton, New York	Petoskey, Michigan
Clarkston, Washington	Milford, Michigan	International Falls, Minnesota
Hastings, Michigan	East Rochester, New York	Clarion, Pennsylvania
Dahlonega, Georgia	Ishpeming, Michigan	Frankenmuth, Michigan
Commerce, Georgia	Valley City, North Dakota	Hollidaysburg, Pennsylvania
Connellsville, Pennsylvania	Cynthiana, Kentucky	Philomath, Oregon
Lexington, Virginia	Sidney, Montana	Malone, New York
Iron Mountain, Michigan	Galax, Virginia	Estherville, Iowa
Devils Lake, North Dakota	Columbiana, Ohio	Medina, New York



Centerville, Iowa	Fayetteville, New York	Wolf Point, Montana
Chelsea, Michigan	Pittsfield, Maine	Norway, Michigan
Woodstock, Virginia	Linden, Michigan	Bonnars Ferry, Idaho
Spirit Lake, Iowa	Williamston, Michigan	Roseau, Minnesota
DeWitt, Iowa	Waynesburg, Pennsylvania	Pelican Rapids, Minnesota
Greenville, Pennsylvania	Irwin, Pennsylvania	Barnesville, Minnesota
Chardon, Ohio	Gaylord, Michigan	Vergennes, Vermont
Lake City, Minnesota	Imlay City, Michigan	Sandusky, Michigan
St. Clairsville, Ohio	Romeo, Michigan	Charlevoix, Michigan
Hugo, Oklahoma	Eveleth, Minnesota	St. Maries, Idaho
La Crescent, Minnesota	Two Harbors, Minnesota	Skaneateles, New York
Iowa Falls, Iowa	Tupper Lake, New York	Pinckney, Michigan
Kingsford, Michigan	Kane, Pennsylvania	Liverpool, New York
Cherokee, Iowa	Ely, Minnesota	Lake Placid, New York
Colville, Washington	Dundee, Oregon	Cascade, Iowa
Ironwood, Michigan	Glasgow, Montana	Leavenworth, Washington
Chisholm, Minnesota	Avon, New York	Chesterfield, New York
Dexter, Michigan	Lowville, New York	Hazen, North Dakota
Winchester, Indiana	Masontown, Pennsylvania	West Union, Iowa
Luverne, Minnesota	Carthage, New York	Newport, Washington
Negaunee, Michigan	Breckenridge, Minnesota	Croswell, Michigan
Dilworth, Minnesota	Ebensburg, Pennsylvania	North Plains, Oregon
Hancock, Michigan	Fowlerville, Michigan	Munising, Michigan
Deer Park, Washington	Girard, Pennsylvania	Bellevue, Iowa
Dyersville, Iowa	Bad Axe, Michigan	Carlton, Oregon
Beaver, Pennsylvania	Honeoye Falls, New York	Clayton, Georgia
Franklin, North Carolina	Iron River, Michigan	Kalkaska, Michigan
Pipestone, Minnesota	White Salmon, Washington	Lake Odessa, Michigan



Slayton, Minnesota	Wheaton, Minnesota	Fertile, Minnesota
Leslie, Michigan	Brown City, Michigan	Culbertson, Montana
Mars Hill, North Carolina	Mahnomen, Minnesota	Ubly, Michigan
Yale, Michigan	Scottville, Michigan	Columbiaville, Michigan
Capac, Michigan	Adrian, Minnesota	Twin Valley, Minnesota
Grayling, Michigan	Fulda, Minnesota	Karlstad, Minnesota
Marlette, Michigan	Elbow Lake, Minnesota	Steele, North Dakota
Ortonville, Minnesota	Killdeer, North Dakota	Greenbush, Minnesota
Farley, Iowa	Pigeon, Michigan	Monroe, Oregon
Mio, Michigan	Carson City, Michigan	Hills, Minnesota
Lewiston, Michigan	Stambaugh, Michigan	Argyle, Minnesota
Cooperstown, New York	Tyler, Minnesota	Circle, Montana
Amity, Oregon	North Branch, Michigan	McIntosh, Minnesota
Plentywood, Montana	Highlands, North Carolina	Sunfield, Michigan
Armada, Michigan	Elsie, Michigan	Dansville, Michigan
Romney, West Virginia	Morristown, Minnesota	Graceville, Minnesota
Kettle Falls, Washington	Scobey, Montana	Halstad, Minnesota
Ritzville, Washington	Linton, North Dakota	Ulen, Minnesota
Lakefield, Minnesota	Central Lake, Michigan	Ivanhoe, Minnesota
Harbor Beach, Michigan	Preston, Iowa	Hayesville, North Carolina
Fosston, Minnesota	Hallock, Minnesota	Rushmore, Minnesota
Red Lake Falls, Minnesota	Walhalla, North Dakota	Hendrum, Minnesota
Newberry, Michigan	Fairview, Montana	Gackle, North Dakota
Standish, Michigan	Pentwater, Michigan	Fort Yates, North Dakota
Frazee, Minnesota	Caspian, Michigan	Tulahassee, Oklahoma
Mancelona, Michigan	Lake City, Michigan	
Crystal Falls, Michigan	Poplar, Montana	
Webberville, Michigan	Onaway, Michigan	



D. Take Action

Introduction to Taking Action

Read and implement the remaining documents and resources of the Climate Receiver Places Project. Take a look at the ideas for next steps below. Learn more and contact us at:

placeinitiative.org/projects/receiver-places/

D.1 LOCAL ACTION

Share, collaborate, partner, self-assess, secure funding, take action. Get in touch with PLACE Initiative to discuss next steps.

1. Public Officials and Receiver Places

Engage the public and NGOs into the conversation. Begin self-assessment of the place, move forward in an inclusive manner, and appoint a point person or group.

2. Non-Governmental Organizations

Engage the public and officials into the conversation. Partner and secure funds. Bring together ideas and take action.

3. Concerned Local Citizens

Organize a movement, change mindsets, and create awareness.

D.2 STATE AND FEDERAL ACTION

Urban policy is local, but recognize that it is heavily affected and influenced by larger-scale efforts. Action at this scale matters.

4. Public Officials and Governments

Bring funding to communities, set minimum standards, pass legislation, engage executive agencies, reassess counterproductive systems and procedures, and establish a point person or group.

5. Non-Governmental Organizations

Spread awareness, secure funding, encourage governments at all levels to take action, and connect with local groups to spur local action.

6. Concerned Citizens Anywhere

Reach out to PLACE Initiative to see how you can get involved.



E. Acknowledgments

Here, we're acknowledging those who have contributed to the Receiving Geography Guide.

Andrew Clum

Baxter Hankin

Camille Cortes

Garlynn Woodsong

Gary Scott

Laura Clemons

Matthew Lambert

Paddy Steinschneider

Scott Bernstein

Tanya Paglia



F. Bibliography

1. Steinberg, Nik. Rep. Edited by Frank Freitas and Emilie Mazzacurati. Assessing Exposure to Climate Change in U.S. Munis. Four Twenty Seven, May 2018. <http://427mt.com/wp-content/uploads/2018/05/427-Muni-Risk-Paper-May-2018-1.pdf>.
2. Pinkus, Ari. "Mapping Climate Risks by County and Community." American Communities Project. American Communities Project, April 29, 2021. <https://www.americancommunities.org/mapping-climate-risks-by-county-and-community/>.
3. Shaw, Al, Abrahm Lustgarten, and Jeremy W Goldsmith. "New Climate Maps Show a Transformed United States." ProPublica. ProPublica, September 15, 2020. <https://projects.propublica.org/climate-migration/>.
4. Map. Two Maps One Scale. ACME Laboratories. Accessed December 1, 2021. https://acme.com/same_scale/#40.17086,-80.24528,40.68534,-80.11280,15,S,S.
5. Map. Two Maps One Scale. ACME Laboratories. Accessed December 1, 2021. https://acme.com/same_scale/#40.17086,-80.24528,40.68534,-80.11280,15,S,S.
6. "Flood Map: Water Level Elevation Map." Flood Map: Elevation Map, Sea Level Rise Map. Accessed December 1, 2021. <https://www.floodmap.net/>.
7. "Surging Seas: Risk Zone Map." Climate Central. Climate Central. Accessed December 1, 2021. <https://ss2.climatecentral.org/>.
8. "Find Your Home's Flood Risk." Flood Factor. First Street Foundation. Accessed December 1, 2021. <https://floodfactor.com/>.



