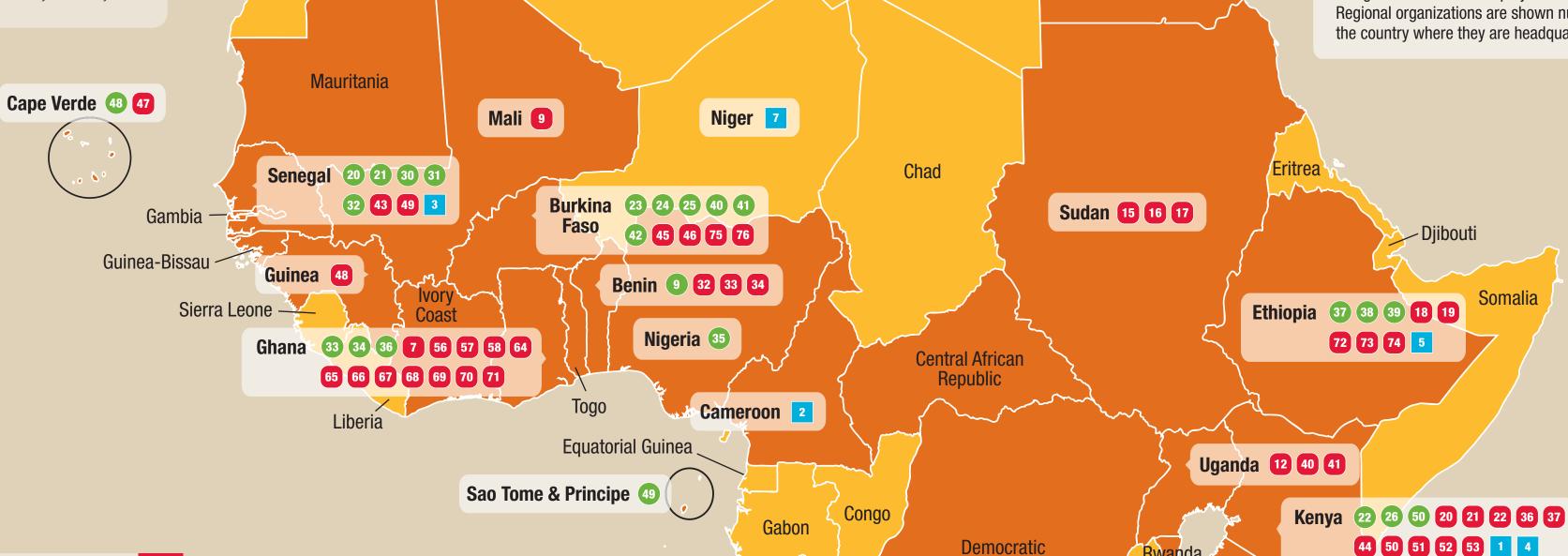


Morocco 8 16 17 18 27

Western

Sahara

28 25 26 54



Algeria

Tunisia (19) 42 6

Libya

CCAA research-to-policy links

Mapping our partners' engagements

The CCAA program supports participatory action research that informs policy processes with science-based evidence on vulnerability and adaptation. To this end, projects work with policy institutions at the local, national and/or regional levels. These partnerships increase local ownership of the research and make it more likely that the options identified through research will be implemented and sustained. They also increase the chances that successful project outcomes will be scaled up.

The map here shows the connections of CCAA projects where there has been sustained interaction with policymaking bodies at the local, national or regional level. In some cases, organizations with a policy mandate have been involved in research teams from the beginning, as collaborating or participating institutions, or even as lead institutions. In other cases, they have developed an ongoing relationship with the research project, either through stakeholder committees, or by contributing to, or benefitting from, research knowledge on an ongoing basis.

In several projects, research teams interact with national ministries primarily through district level offices and authorities. This is the case, for example, where research has involved agricultural extension officers in testing new or traditional adaptation approaches. We have listed those districts where practical changes have been noted at the local level due to such involvement. In others, the listing of national agriculture and extension ministries can be understood as also involving their district level counterparts.

In some instances, as with research on leishmaniasis in Tunisia, and malaria in Kenya, projects are led by national research institutions with a mandate to work closely with a number of national ministries. Given the number and fluid nature of these relationships, we have not mapped every possible ministry connection for these projects.









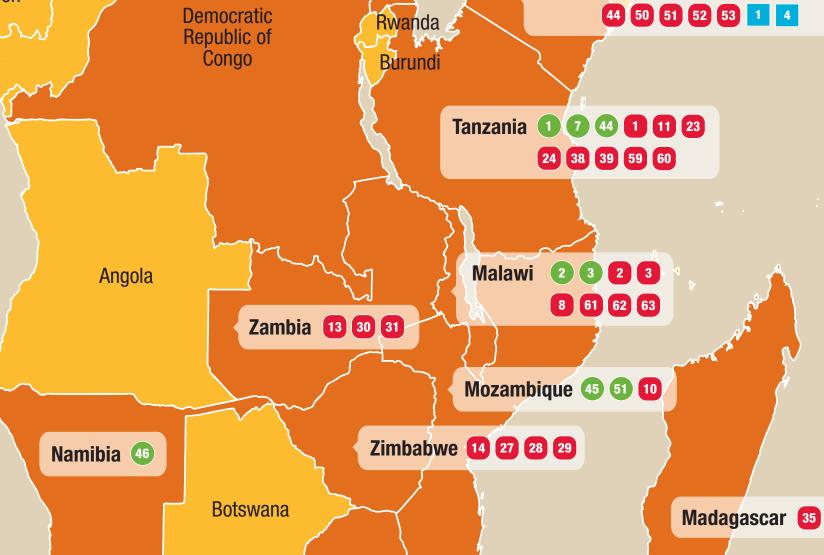
Research in Benin led by IDID-ONG improved early warning systems that help farmers prepare for seasonal uncertainty. In 35 communes, local authorities such as Mayor André Todje of Sô-Ava (Atlantique department) and other stakeholders helped develop, interpret and disseminate pre-alert bulletins that give farmers timely advice on the growing season.

Photos courtesy of IDID-ONG

On these maps, the term "policy institution" refers to:

- Institutions with a continent-wide policy mandate (such as the United Nations Economic Commission
- Organizations which provide technical support for planning and scientific information to regional and sub regional policy bodies (such as AGHRYMET, which serves as an agro-meteorological advisory body to the Permanent Interstate Committee for Drought Control in the Sahel, or the Drought Monitoring Centre in Harare which serves the Southern African Development Community)
- Local or national institutions representing public authority in specific areas (such as ministries and departments of agriculture or the environment, national meteorological services, or basin authorities)
- National platforms that link various policy actors (such as national climate change committees)
- Decentralized institutions representing local populations and responsible for developing and implementing local policies (such as local governments)

"Local" refers to municipal, district, provincial, or other sub-national bodies. "Regional" refers to bodies that are continent-wide in their mandate, or which group two or more countries in a region of Africa.



Swaziland

Lesotho

South 4 5 6 10 43

Africa 52 4 5 6

Egypt 11 12 13 14

15 29 55 73



Mauritius 47

Reunion

Legend

Local policy connection

National policy connection

Regional policy connection

Country in which CCAA has

The name of each policy contact numbered here can

be found in the table on the reverse side of this map,

Regional organizations are shown numbered only in

Somalia

alongside the title of the project it relates to.

the country where they are headquartered.

Djibouti

72 73 74 5

funded research

Reducing vulnerability in Madagascar

In Madagascar, research led by the University of Antananarivo on the vulnerability of agrarian systems has been shared with the National Climate Change Committee and contributed to preparing the country's second national communication under the UN climate change convention.

Stakeholder meeting courtesy of U. of Antananarivo Researchers in rice field: IDRC/N. Beaulieu

CCAA research-to-policy links

Mapping our partners' engagements

Local policy connection	National policy connection	Regional policy connection

Project title and number	Countries	Policy connections
Strengthening Local Agricultural Innovation Systems in Less Favoured and High Potential Areas of Tanzania and Malawi 10414	Tanzania	Iramba District Agriculture and Livestock Office Tanzania Ministry of Agriculture and Food Security
	Malawi	 Mulanje District Agricultural Development Office Chikwawa District Agricultural Development Office Malawi Ministry of Agricultural Development Malawi Ministry for Environmental Affairs
Managing Climate Risks for Agriculture and Water Resources Development in South Africa 104150	South Africa	 Western Cape Department of Water Affairs Western Cape Department of Agriculture Berg River Catchment Management Authority National Department of Agriculture Department of Water Affairs Water Research Commission
Resilience and the African Smallholder Farming: Enhancing the Capacity of	Ghana	Directorate of Agricultural Extension Services, Ministry of Food and Agriculture
Communities to Adapt to Climate Change 104140	Malawi	Department of Agricultural Extension Services, Ministry of Agriculture and Food Security
	Mali	9 National Directorate of Agriculture
	Mozambique	National Directorate for Rural Extension, Ministry of Agriculture and Rural Development
	Tanzania	Research and Extension Services, Department of Agriculture and Food Security
	Uganda	National Agricultural Advisory Services, Ministry of Agriculture, Animal Husbandry & Fisheries
	Zambia	National Extension Services, Ministry of Agriculture and Cooperatives (MACO)
	Zimbabwe	Agricultural, Technical and Extension Services (AGRITEX), Ministry of Lands, Agriculture and Rural Resettlement
Managing Risk, Reducing Vulnerability and Enhancing Productivity under a Changing Climate 104146	Sudan	Sudan Meteorological AuthorityMinistry of Agriculture and ForestryAgricultural Research Corporation
	Ethiopia	National Meteorological AgencyMinistry of Agriculture and Rural Development
	Kenya	 20 Kenya Meteorological Department 21 Ministry of Environment and Mineral Resources 22 Ministry of Agriculture
	Tanzania	 7 Same District Agriculture and Livestock Development Office 23 Tanzania Meteorological Agency 24 Ministry of Agriculture and Food Security
Moroccan Coastal Management: Building Capacity to Adapt to Climate Change 104329	Morocco	 Nador, Berkane and Boudinar provincial governorates Department of Energy, Mines, Water and the Environment National Directorate of Meteorology
Building Capacity to Adapt to Climate Change in Zambia and Zimbabwe 104144	Zimbabwe	 Ministry of Environment and Natural Resources Agricultural, Technical and Extension Services (AGRITEX), Ministry of Lands, Agriculture and Rural Resettlement Department of Meteorological Services
	Zambia	National Extension Services, Ministry of Agriculture and Cooperatives (MACO)Zambia Meteorological Department
Strengthening the Capacity to Adapt to Climate Change in Benin 104142	Benin	 35 municipalities (communes) Ministry of the Environment and Conservation National Committee on Climate Change Ministry of Agriculture, Livestock and Fisheries
Vulnerability and Adaptation of Agricultural Systems in Madagascar 104143	Madagascar	National Committee on Climate Change
UNITAR Pilot Project 5: Adaptation Options for the Impoverished Amaoti Settlement through improved Water Supply, Drainage and Sanitation 104695	South Africa	eThekwini municipality (Durban)

Project title and number	Countries	Policy connections
Transferring the Malaria Epidemic Prediction Model to End Users in East Africa 104707	Kenya	 Ministry of Public Health and Sanitation, Malaria Control U Kenya Meteorological Department IGAD Climate Prediction and Applications Centre (ICPAC)
	Tanzania	Ministry of Health and Social WelfareTanzania Meteorological Agency
	Uganda	40 Ministry of Health41 Department of Meteorology
New Land, New Life West of Lake Nasser – Aswan 104270	Egypt	 Aswan High Dam Lake Development Authority Regional Branch Office, Environmental Affairs Agency Aswan Public Health Department Ministry of Agriculture, Aswan Aswan Veterinary Department
Integrated Eco-systemic Approach for Optimization of Small Dams in Morocco 104270	Morocco	Provincial Health delegations of Chtouka Ait Baha, and Taroudant Rural districts of Aouganz, Askaoun et Smimou Souss Massa Draa Hydraulic Basin Agency
Analysis of the Health Impacts of Climate Change Adaptation Strategies: Transmission of Zoonotic Cutaneous Leishmaniasis in Tunisia	Tunisia	 Sub-Regional Health Office of Sidi Bouzid Hygiene and Environmental Protection Branch, Ministry of Public Health
InfoClim: Platform for Helping Vulnerable Communities Adapt to Climate Change 104795	Senegal	 Thies Regional Planning Directorate Rural Communities of Thiès, Notto, Fandène and Taïba Nd National Committee on Climate Change
Adaptation to Climate Change among Pastoralists in Northern Kenya 104752	Kenya	Provincial administrative officers for Khalilio and Rhamu Locations in Mandera and for Namoruputh, Katilu and Kap Locations in Turkana National Environmental Management Authority
Altering the Climate of Poverty under Climate Change: the Forests of Congo Basin 104835	Cameroon, Central African Republic, and Democratic Republic of Congo	2 Central African Forests Commission (COMIFAC)
Rural-Urban Cooperation on Water Management in the Context of Climate Change in Burkina Faso 104683	Burkina Faso	 23 City of Koudougou 24 City of Dori 25 City of Bobo-Dioulasso 45 National Office of Water and Sewage 46 National Meteorological Department
Adapting Fishing Policy to Climate Change	Cape Verde	47 Ministry of Environment, Fisheries and Agriculture
with the Aid of Scientific and Endogenous Knowledge	Guinea	National Ministry of Maritime Fisheries and the Environme
104682	Senegal	49 Ministry of Maritime Economy, Fisheries and Aquaculture3 Sub-Regional Fishery Commission
Integrating Indigenous Knowledge in Climate Risk Management to Support Community Based Adaptation 104903	Kenya	 Provincial administration officers for Eshibira Location of Emuhaya District Kenya Meteorological Department Kenya Ministry of Environment and Natural Resources Kenya Industrial Property Institute National Museums of Kenya IGAD Climate Prediction and Applications Centre (ICPAC)
Using Demand Side Management to Adapt to Water Scarcity and Climate Change in the Saiss Basin 105439	Morocco	 Sebou Basin Agency Provincial Agricultural Directorates (DPAs) National Directorate of Meteorology
Adaptation to the Impacts of Sea Level Rise in the Nile Delta Coastal Zone 105515	Egypt	 Governorates of Damietta and Diakalia National Water Research Center, Ministry of Water Resource and Irrigation
Support Fund for Local Adaptation Strategies 105518	Senegal	 30 Municipality of Ngoye 31 Dya's Local Extension Service, National Rural and Agricultu Advisory Agency (ANCAR) 32 Local Meteorological Agency, Prefecture of Koungheul

Project title and number	Countries	Policy connections
Climate Change and Human Health in	Ghana	Ga Mashie Development Agency (GAMADA)
Accra, Ghana 105814		Accra Metropolitan Assembly
		56 Ministry of Health
		57 Ministry of Water Resources, Works and Housing58 Ghana Health Service
Exploring Urban-Rural Interdependence and the Impacts of Climate Change in Tanzania and Malawi 105836	Tanzania	Tanzania Ministry of Agriculture and Food Security Tanzania Ministry of Regional Administration and Local Government
		Molecui Ministry of Agriculture and Food Copyrity
	Malawi	 Malawi Ministry of Agriculture and Food Security Malawi Ministry Natural Resources and Environmental Affai Malawi Ministry of Local Government and Rural Developme
Implications of Climate Change on Rural- Urban Interactions: the Case Study of Aba and its Region, Southeastern Nigeria 105839	Nigeria	35 Municipality of Aba
Managing Water in the Rural-urban Interface in Ghana and Ethiopia: the Key	Ghana	36 Accra Metropolitan Assembly64 Water Directorate of the Ministry of Water Resources,
to Climate Change Resilient Cities 105869		Works and Housing So Ministry of Food and Agriculture
105869		Ministry of Food and AgricultureNational Disaster Management Organisation
		Water Resources Commission Community Water and Sanitation Agency
		68 Environmental Protection Agency
		69 Ghana Water Company
		Hydrological Services Department Ghana Health Service
		71 Ghana Irrigation Development Authority
	Ethiopia	37 Addis Ababa City Administration
		38 Addis Ababa Sewage Authority
		39 Addis Ababa City Environmental Protection Authority
		National Meteorological Services Agency
		Water supply and Sanitation Council, Ministry of Water Resources
		Agriculture Extension Services, Minister of Agriculture and Rural Development
Protecting Cotonou's Urban Community in	Burkina Faso	40 Municipality of Cotonou
the Face of Climate Change		Municipality of Sémé-Kpodji
105815		42 Municipality of Calavi
		National Office of Prevention and Civil Protection, Ministry of Health
		Ministry of Decentralization, Local Authorities, and Land Use Planning
Sub-Saharan African Cities: A Five-City	South Africa	43 Municipality of Cape Town
Network to Pioneer Climate Adaptation through Participatory Research and Local Action	Tanzania	Municipality of Dar es Salaam
Action 105868	Mozambique	45 Municipality of Maputo
	Namibia	46 Municipality of Walvis Bay
	Mauritius	47 Municipality of Port Louis
KSIDS: Building Capacity for Sustainable Responses to Climate Change in Cities of	Cape Verde	48 Municipality of Sao Vicente
Portuguese-speaking Small Island Developing States	Sao Tome and Principe	49 City of Sao Tome
Strengthening the Role of Civil Society in	Kenya	50 Municipality of Nairobi
Water Sector Governance Towards Climate Change Adaptation in African Cities 106002	Mozambique	Municipality of Maputo
	South Africa	Municipality of Durban
Monitoring and Evaluation Toolkit for Climate Change Adaptation Initiatives	Continent-wide	 United Nations Economic Commission for Africa (UNECA) Sahara and Sahel Observatory (OSS)





