



# Publications

*As our earliest supported research projects move toward completion, a number of teams are actively publishing results and lessons. Consistent with our aim of seeing knowledge shared in forms that are accessible to a variety of research users, CCAA experiences and findings have been captured in a range of media, from videos and newsletters to briefs, papers, and book chapters.*

Listed below are:

- Publications by CCAA research and capacity building projects, including papers, book chapters, newsletters, bulletins and theses
- Videos and blogs
- Publications by CCAA staff members

## **Publications by CCAA research and capacity building projects**

### **Strengthening Local Agricultural Innovation Systems in Tanzania and Malawi (Project 104141)**

Mary, L. and Majule, A. E. "Impacts of climate change, variability and adaptation strategies on agriculture in semi arid areas of Tanzania: the case of Manyoni District in Singida Region, Tanzania." *African Journal of Environmental Science and Technology*, Vol. 3 (8), August, 2009. pp 206-218.

### **Strengthening the Capacity of Farmers to Reduce the Impact of Climate Change on Agricultural Productivity to Ensure Food Security and Reduce Poverty in Benin (Project 104142)**

*Agro-meteorological information bulletin*, issues 7-11, covering February to November 2009 and the outlook for 2009-10. National Agro-meteorological Interpretation and Early Warning Committee. (April, June, August, October and December 2009) Porto Novo, Benin. 12pp each.

"Protocol for the establishment, implementation and monitoring and evaluation of farmer field schools" for southern and central study zones. Consultant: Kpagbin G. and IDID-ONG research team (April 2009). Porto Novo, Benin. 10pp.

### **Vulnerability and Adaptation of Agricultural Systems in Madagascar (Project 104143)**

#### **Theses:**

Rakotoarinivo, C. "Les systèmes de culture à base de riz en système de culture sous couverture végétale (SCV) adaptés face aux changements climatiques dans la région de l'Alaotra Mangoro", 2009.

Rakotomalala, J. "Comparaison de la productivité globale des sols de même terroirs soumis à des systèmes de cultures différents – cas de deux villages périphériques de la réserve spéciale de Beza Mahafaly", 2009.

Randevoson, N.M.L. "Les systèmes agroforestiers face aux aléas climatiques – cas de la Région Analanjirofo", 2009.

Randriamiharisoa, N.A. "L'élevage des ruminants dans le Sud-Ouest malgache face aux variabilités climatiques – cas de deux villages périphériques de la réserve spéciale de Beza Mahafaly", 2009.



### **Managing Climate Risk for Agriculture and Water Resources Development in South Africa** (Project 104150)

Callaway, J. M., Louw, D. B., and Hellmuth, M., "Benefits and Costs of Measures for Coping with Water and Climate Change: Berg River Basin, South Africa." in Ludwig, F., Kabat, P., van Schaik, H., and van der Valk, M.: *Climate change adaptation in the water sector*, Earthscan, London, 2009, pp 205-226.

### **Enabling Stakeholders in Moroccan Coastal Management to Develop Sustainable Climate Change Adaptation Policies and Plans** (Project 104329)

Costa, L., Tekken, V. & J. Kopp. "Threat of Sea Level Rise: Costs and Benefits of Adaptation." *Journal of Coastal Research*, 2009. pp 223-227.

Demers, M., et al. 2009. *Le défi climatique et l'école marocaine : Guide pédagogique pour développer la capacité adaptive chez les élèves du secondaire*. Sale, Morocco. 135pp.

Pruneau, D., Khattabi, A., and Kerry, J. "Accompagner des citoyens dans des actions d'adaptation aux changements climatiques." *Énergie, santé et éducation relative à l'environnement*, Institute de l'énergie et de l'environnement de la Francophonie, 2009. pp 48-52.

Pruneau, D., Khattabi, A., Langis, J. and Vautour, C. "Educating and communicating about climate change: Challenges and possibilities." in Leal Filho, W. ed, *Sustainability at Universities. Opportunities, Challenges and Trends*, Peter Lang, Frankfurt, 2009. pp 257-272.

### **Transferring the Malaria Epidemic Prediction Model to End Users in East Africa** (Project 104707)

Githeko, A. "Special Feature: Malaria and Climate Change." *Commonwealth Health Ministers' Update 2009*, Commonwealth Secretariat: Pro-Book Pub Ltd. pp 42-45.

Wanjala, C.L., Shivairo, R.S., Waitumbi, J.N., and Githeko, A.K. "Assessing the Impact of Topography on Malaria Exposure and Sensitivity in Western Kenya Highlands." Paper presented at the Multilateral Initiative on Malaria International Conference, November 2-6, 2009, Nairobi, Kenya.

### **Enhancing Adaptation to Climate Change among Pastoralists in Northern Kenya** (Project 104752)

Akinya Omolo, N. "Gender, Pastoralism and Climate Change: Vulnerability and Adaptation in Northern Kenya." Paper presented at AMMA International Workshop, July 2009, Ouagadougou, Burkina Faso.

Kisiangani, E. "Conditions for the Survival of Pastoralism in Northern Kenya as Climate Changes." Paper presented at Fourth International Conference on Community-Based Adaptation to Climate Change (CBA), February 21-27 2010, Dar es Salaam, Tanzania.

Macharia, A. "Policies driving adaptation to climate change among pastoralist communities in Northern Kenya." Paper presented at IWRM: Environmental Sustainability, Climate Change and Livelihoods symposium, October 28-30, 2009, Entebbe, Uganda.

Macharia, A. "Policy Imperatives to enhance climate change adaptation in northern Kenya." *NEMA Magazine*, 2009. 4pp.

Ogindo, H., et al. "An assessment of drought induced vulnerability of the Turkana pastoralist community livelihoods in northern Kenya and its ability to cope with climate change." Paper presented at IWRM: Environmental Sustainability, Climate Change and Livelihoods symposium, October 28-30, 2009, Entebbe, Uganda.

Ogindo, H., et al. "Are current livelihoods and coping strategies in northern Kenya viable and sustainable in light of Global Environmental Change?" Paper presented at IWRM: Environmental Sustainability, Climate Change and Livelihoods symposium, October 28-30, 2009, Entebbe, Uganda.

### **Altering the climate of poverty under climate change in sub-Saharan Africa: strategies for adaptation with Forests to climate change** (Project 104835)

Brown, H.C., Nkem, J.N., Sonwa, D.J., and Bele, Y. "Institutional adaptive capacity and climate change response in the Congo Basin forests of Cameroon." in *Mitigation and Adaptation Strategies for Global Change*, Volume 15, Number 3, March 2010, Springer Netherlands. pp 263-282.

Sonwa, D., Bele, Y., Somorin, O., and Nkem, J. "Adaptation for Forests and Communities in the Congo Basin." in *Forests and Climate Change: Adaptation and Mitigation*, European Tropical Forest Research Network News, Issue No. 50, November 2009. Tropenbos International: Wageningen, NL. pp 93-100.

### **Rural Urban Cooperation on Water Management in the Context of Climate Change in Burkina Faso** (Project 104863)

#### **Thesis:**

Oumar, K. "Dynamique des plans d'eau liée à la variabilité climatique et à l'action de l'homme : mémoire de master de recherche en géographie; option gestion des ressources naturelles." 2009.

### **Community Based Adaptation in Africa** (Project 104898)

Koelle, B., and Oettle, N.M. "Adapting with Enthusiasm: Climate Change Adaptation in the Context of Participatory Action Research." *Indigo development & change*, paper 1: 2009. 15pp.

Nanduddu, S. "Lived Experiences: Adaptation to Climate Change in Gogonyo Sub-County, Palisa District, Uganda." in Wakhungu, J. W., Kariuki Kung'u, J., and Tonui, C. eds. *Community Based Adaptation to Climate Change in Africa*, African Centre for Technology Studies, February 2010. 16pp.

Wakhungu, J., Nyukuri, W., Ongor, E., and Tonui, D. "Oyola and Wakesi in Kenya: locals adapting to effects of climate change". *Community Based Adaptation to Climate Change in Africa*, African Centre for Technology Studies (ACTS), Nairobi, KE, February 2010. 16pp.

Zakieldeen, S. A. "Adaptation to Climate Change: A Vulnerability Assessment for Sudan." in *Gatekeeper*, International Institute for Environment and Development, Volume 142, November 2009. 20pp.

### **African Climate Change Fellowship Program** (Project 104931)

*Faces of the ACCFP*. START, 2009. (Pamphlet).

Omolo, N. "Gender, Food Insecurity and Climate Change Amongst Pastoral Communities: Case Studies of Mandera and Turkana in Northern Kenya." presented at the Fourth International Conference on Community-Based Adaptation to Climate Change, February 21-27, 2010, Dar es Salaam, Tanzania.

### **Knowledge Sharing for Adaptation** (Project 104955)

*AfricaAdapt Newsletter*, Vols 1 and 2, September and December 2009. 4pp.

AfricaAdapt. "Climate Change and the Threat to African Food Security." *JotoAfrika: Adapting to Climate Change in Africa*, Issue 1, July 2009 (ed. Orindi, V.). Arid Lands Information Network. 8pp.

AfricaAdapt. "Managing Africa's Water in a Changing Climate." *JotoAfrika: Adapting to Climate Change in Africa*, Issue 2, November 2009. (ed. Osman-Elasha, B.) Arid Lands Information Network. 8pp.

AfricaAdapt. "Disaster Risk & Climate Change in Africa." *JotoAfrika: Adapting to Climate Change in Africa*, Issue 3, May 2010. (ed. Olorunfemi, F.) Arid Lands Information Network. 8pp.

### **Support Fund for Local Adaptation Strategies** (Project 105518)

*FSSA info: le bulletin d'information du Fonds de Soutien aux Stratégies locales d'Adaptation aux changements climatiques*, IED Afrique, Dakar, Senegal. 2009.

### **A Five-City Network to Pioneer Climate Adaptation through Participatory Research and Local Action** (Project 105868)

Fairhurst, L. "Strengthening Urban Governments in Planning Adaptation." Paper presented at the IED Fourth International Conference on Community-Based Adaptation to Climate Change, February 21-27, 2010, Dar es Salaam, Tanzania.

### **Sharing Knowledge on Monitoring and Evaluation of Climate Change Adaptation in CCAA Projects (RSP 105931)**

Tall, M. *Guide for Collecting Testimonial Narratives in support of Monitoring and Evaluation*. NarrAdapt, April 2, 2010. 13pp.

### **Support to PAR projects in Monitoring & Evaluation** (RSP 104689)

Beaulieu, N., Fall, A., Ndiaye, A., and Etta, F., "Visions, Actions, Partnerships as an introduction to monitoring and evaluation of adaptation to climate change." Working paper, presented at the capacity development workshop for teams supported by the CCAA program, December 7-11, 2009, Gorée, Senegal. 9pp. (Also available in French.)

## **Videos and blogs**

*Climate Witness: Same – Farmers left high and dry*. Produced by Hoyle, D., Jambiya, G., Rubens, J., and Kalumanga, E., DFID & WWF. Online video. December 9, 2009. (Produced with input from Strengthening Local Agricultural Innovation Systems in Less Favoured and High Potential Areas of Tanzania and Malawi – Project 104141)

*Climate Witness: Mzee – Tradition versus science*. Produced by Hoyle, D., Jambiya, G., Rubens, J., and Kalumanga, E. Online video produced by DFID and WWF. December 9, 2009. (Produced with input from Managing Risk, Reducing Vulnerability and Enhancing Productivity under a Changing Climate – Project 104146)

*Climate Friendly Rooibos: Adapting to the Wild Side*. Produced by Drynet and the Environment Monitoring Group. Plexus Films. Online video. January 2010. (With input from Community Based Adaptation in Africa project partner Indigo Development & Change – Project 104898)



*Community Based Adaptation to Climate Change (CBAA) Project, Oyola Village, Kisumu East District, Nyanza Province, Kenya.* Online video produced by African Centre for Technology Studies, 2010. [www.acts.or.ke](http://www.acts.or.ke) (Project 104898)

Olorunfemi, F. "ACCFP Fellows Participate in Climate Change Adaptation in Africa (CCA) Board Meeting, in Cape Town, South Africa." *START ACCFP* Blog. November 25, 2009. [www.start.org](http://www.start.org). (African Climate Change Fellowship Program – Project 104931)

Tall, A. "The Disproportional Impacts of Climate Change, from Global to Local Levels: the Story of Doune Baba Dieye." *START ACCFP* Blog. Jan 6, 2010. [www.start.org](http://www.start.org). (African Climate Change Fellowship Program – Project 104931)

Tall, A. "Dakar Workshop links Scientists and Red Cross Volunteers to Discuss Better Use of Forecasts for Disaster Preparedness." *START ACCFP* Blog. Sept. 24, 2010. [www.start.org](http://www.start.org)

Videos produced by AfricaAdapt, through Knowledge Sharing for Adaptation (Project 104955). Hosted online at [www.africa-adapt.net](http://www.africa-adapt.net)

- *Nganyi Indigenous Knowledge Adaptation Project.* Produced by Miller, W. and Pritz, A. June 17, 2009.
- *Climate Change and Malaria in Western Kenya: Interview with Dr. Githeko.* October 6, 2009.
- *Introducing three Kenyan START Climate Change Fellows.* October 18, 2009.
- *Voix de la COP15 – Mamouda Moussa Na Abou – ENDA-TM, Sénégal.* December 14, 2009.
- *Voix de la COP15 – Dr. Abdellatif Khattabi, Maroc.* December 16, 2009.
- *Learning from pastoralists in northern Kenya: Interview with Dr. Ayube Macharia.* March 16, 2010.
- *Interview with Professor Abdellatif Khattabi.* March 25, 2010.
- *Radio communautaire et changements climatiques.* March 29, 2010.

## CCAA staff publications

Awuor, C.B., Orindi, V., and Adwerah, A. "Climate Change and Coastal Cities: The Case of Mombasa, Kenya." *Environment and Urbanization*, Vol. 20, No.1, July 2009, pp 231-242.

Awuor, C.B., Orindi, V., and Adwerah, A. "Climate Change and Coastal Cities: The Case of Mombasa, Kenya." in *Adapting Cities to Climate Change: Understanding and Addressing Development Challenges*, Bicknell, Jane, Dodman, David, and Satterthwaite, David eds. Earthscan. London. 2009. pp 77-91.

Beaulieu, N. "L'évaluation comme partie intégrante du processus d'adaptation aux changements climatiques en Afrique" in proceedings from the 14th international colloquium of the Secrétariat international francophone pour l'évaluation environnementale (SIFEE) on Climate Change and Environmental Evaluation. Niamey, Niger, May 26, 2009. (In press)

Beaulieu, N., Denton, F., Orindi, V., Carter, S., and Anderson, S. "Using Monitoring and Evaluation to Strengthen Climate Adaptive Capacity." in *Evaluating Climate Change and Development*, Van den Berg, R., and Feldstein, O. eds. World Bank Series on Development, Volume 8. 2009. Transaction Publishers. pp 325-335.

Carter, S. and Jobbins, G. "Le programme ACCA : renforcer la capacité d'adaptation grace à la recherche-action participative » in *Adaptation au changement climatique*, Numéro Spécial, October 2009, Institut du développement durable et des relations internationales (IDDRI) et Institut de l'énergie et de l'environnement de la francophonie (IEPF). 4pp.

Denton, F. "Challenges for Evaluating Climate Change in the Context of Africa." in *Evaluating Climate Change and Development*, Van den Berg, R., and Feldstein, O., eds. World Bank Series on Development, Volume 8, 2009. Transaction publishers. pp 115-130.

Kaere, A.B. "COP15: What's at stake for Africa?" October 26, 2009. Brief published on IDRC web site.

Nkomo, J.C. "Development and Health: the Case of HIV/AIDS in Southern Africa." *Eastern Africa Social Science Review*, Vol. 26, No1, January 2010, pp 111-126.