



## Research and Impact Communiqué

May 4, 2015

This special edition communiqué brings you a summary of our research and impacts from the projects we have supported in Africa and South Asia over the past five years. Since 2010, we have made a significant impacts in livestock systems around the world. Read more from our latest reports; gain insights into our investigators, resources, and funding opportunities. Additionally, you may find information on the recent earthquake in Nepal and how to assist in disaster relief to aid our researchers and communities and the people of Nepal. Visit our website at [lccrsp.org](http://lccrsp.org) and/or sign up to receive the monthly communication by email.

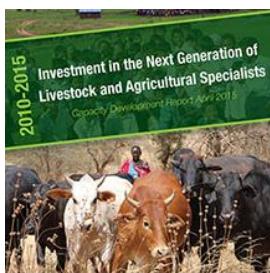
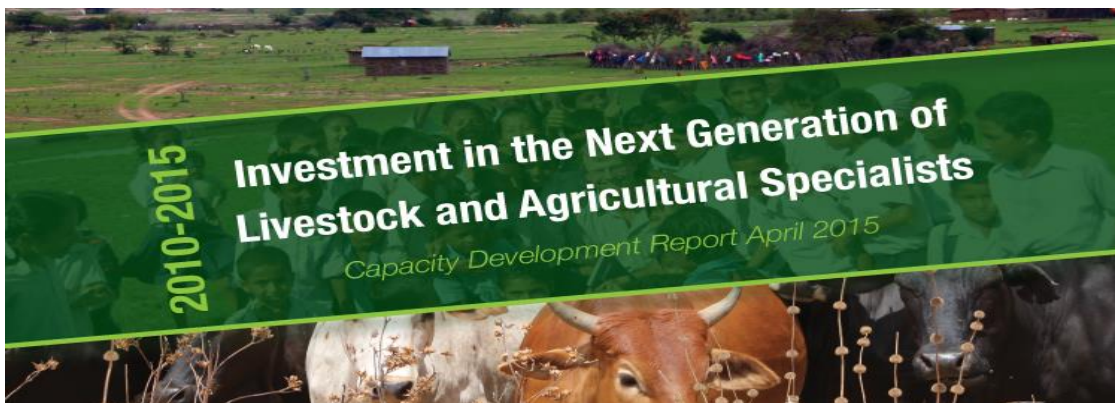
### Update: Nepal Disaster Relief

**Our projects and partners are working on the ground in Nepal for disaster relief. Click on the links below for up to date information on relief efforts in some rural communities.**

[Nepal Earthquake Relief Fund for Dhading](#)

[Nepal Earthquake Relief and Information](#)

### Special Edition: 2010-2015 Capacity Development Report



#### [New Release: 2010-2015 Capacity Building Report](#)

The Livestock Innovation Lab is pleased to announce the release of our 5-year Capacity Development Report! In the past 5 years we have supported a total of 67 degree students, conducted more than 70 research projects, reached over 2,500 farmers and 21,000 vulnerable rural households with our work. Download the report [here](#) or follow the link above to learn more about how the Livestock Innovation Lab has impacted the world.



#### [New Release: 2010-2015 Livestock Innovation Lab Video](#)

Watch a new video highlighting the Livestock Innovation Lab's commitment to ensuring food security, improving human health, and agricultural growth while mitigating climate change. Review our work over the last five years by watching the video [here](#).

## Livestock Innovation Lab Activities

### Project Impacts



#### **[Bee Keeping Offers Women a New Way to Adapt to Climate Change](#)**

Beekeeping is a low-cost income generating activity that can produce rapid returns with small investments. Bee keeping is explored in a new research brief by East African Scholar Beatrice Mugo. Beatrice examines how modern beekeeping can be used by rural Kenyan women to diversify their incomes and increase the productivity, stability and resilience of agricultural systems

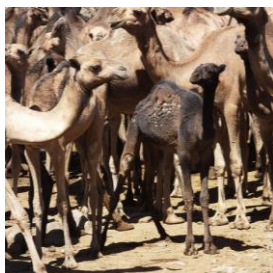


#### **[Long-Term Grazing Exclusion Insufficient for Carbon Credits in Kenya](#)**

Grazing exclusion is thought to improve rangeland productivity and provide extra carbon storage sufficient for receiving carbon credits. East African Scholar Bulle Hallo Dabasso compared soil carbon accumulation in semi-arid and pastoral ecosystems of northern Kenya that have been under 82 years of grazing exclusion, with soil carbon storage in adjacent areas under continuous grazing. Dabasso's results provide surprising conclusions - suggesting that long-term grazing exclusion may be insufficient for carbon credits.

### Capacity Building

In April, Livestock Innovation Lab researchers reported capacity building activities that included 46 students, farmers, researchers, and NGO representatives



#### **[Researchers Bring Sustainable Change to East African Camel Herders](#)**

Researchers from the Livestock Innovation Lab project *Camel Adaptation and Medicine in the East-African Land Scape (CAMELS)* partnered with veterinary students, project stakeholders, and community health workers to conduct needs assessments and provide veterinary medical services to camel farmers in East Africa. Two of the project researchers—Dr. John Coatney and Dr. Michael Yaeger—traveled to Ethiopia from January to March to further the *CAMELS* project's activities.

## Congratulations to the Livestock Innovation Lab's Innovator of the Month!



Congratulations to May's Innovator of the Month Pauline Gitonga! A veterinarian trained in animal health and production, Pauline is pursuing her PhD through support from the Livestock Innovation Lab. An inspiring individual working to combine her understanding of the social, ecological, and economic settings of the communities she serves with her knowledge of veterinary medicine, Pauline Gitonga is a valued member of the Livestock Innovation team. To read more about Gitonga and her advice for aspiring researchers click [here](#).

## Funding & Fellowship Opportunities

### [World Academy of Science: Research Grants 2015](#)

Deadline: 1 June, 2015

The World Academy of Science funds programs that provide grants to researchers in developing countries for specialized equipment, consumable supplies, and scientific publications. Grants are awarded to individual scientists and to research groups. Applicants need to have a PhD.

### [Belmont Forum: Research on Mountains as Sentinels of Change](#)

Deadline: 1 June, 2015

The Belmont Forum announces "Mountains as Sentinels of Change" to foster research on climate, environmental, and related societal change in the world's mountain regions. Participation in the Belmont Forum includes science organizations in Brazil, India, and South Africa in addition to others in Australia, Europe, Japan, and North America. This call for proposals encourages the formation of new international networks for 18-36 months, beginning in 2016. All proposals must integrate across the natural sciences and social sciences, and they should include participation by three or more of the partner countries.

### [German Government: International Climate Initiative 2016](#)

Deadline: 1 June, 2015

Germany's BMU (Federal Ministry for the Environment, Nature Conservation, and Nuclear Safety) funds the International Climate Initiative (IKI) to support projects on climate change mitigation and adaptation, and biodiversity projects that have climate relevance. Most projects are led by German and international organizations with partners in developing and emerging countries. Grants are generally over €200 thousand, and sometimes much larger, for projects that are usually two to four years.

### [Government of India: Research Training Fellowships for Scientists in Developing Countries](#)

Deadline: 15 June, 2015

India's DST offers fifty fellowships in 2015-2016 for scientists and researchers from developing countries for collaboration with Indian research partners. Thematic areas include agricultural sciences, biological sciences, and several others. The fellowships program is coordinated through the Center for Science and Technology of the Non-Aligned and Other Developing Countries (NAM S&T Center). Applicants should be less than 40 years of age.

### [Associated Country Women of the World \(ACWW\): Grants in Support of Women and Children](#)

Deadline: 30 June, 2015

The ACWW makes small grants that directly benefit women and/or children in subject areas that include agricultural training and development, water and sanitation, and several others. AWCC's member organizations can submit applications at any time; non-members should apply during January or June of each year.

### [International Union for the Conservation of Nature \(IUCN\): Carpe Small Grants in Central Africa](#)

Deadline: 30 June, 2015

The IUCN makes small grants through the Central African Regional Program for the Environment (CARPE). The grants aim to build the capacity of civil society in countries of Central Africa for governance and policy in the conservation and management of natural resources. Eligibility for grants extends to legally recognize nonprofit organizations such as local NGOs, community-based organizations, local associations, NGO research centers, independent researchers, and university students. Women and minor groups are especially welcome to apply. Grants are a maximum of US\$30 thousand. Applications (French, English) are reviewed at the end of January and the end of June.

### [Conservation, Food, and Health Foundation: Funding for Grassroots Development](#)

Deadline: 1 July, 2015

The CFH Foundation makes grants to nonprofit organizations worldwide for projects in conservation, sustainable agriculture, and health in developing countries. The average grant is approximately US\$17 thousand. The deadlines for concept applications are 01 January and 01 July of each year.

### [Agropolis Foundation: Training and Education in Agronomy for Sustainable Development 2015](#)

Deadline: 17 July, 2015

The Agropolis Foundation in France engages in research on food and crop systems in the world's North and South. The present call for proposals will fund training and higher education in the theme "agronomy for sustainable development." The lead proponent should be from a research unit belonging to the Foundation's scientific network (Labex Agro). Qualified individuals from outside of the network can participate as partners. The Foundation will provide up to €1 million for four categories of projects: full projects; "Ecole Chercheur"; exploratory and pre-feasibility projects; and proposal development for submission to international funding sources. The announcement explains each category.

### [USAID Research and Innovation Fellowship Programs](#)

Deadline: Varies, Contact Program Opportunities for More Information

USAID's Research and Innovation Fellowships Program places promising talent from U.S. institutions with host organizations in developing countries to help tackle development challenges and engage in cutting-edge research and innovation. The RI Fellows program invites all HESN Labs to take a look at the catalog containing over 400 host opportunities in these countries. Students can peruse the catalog for opportunities that align with their experience and interests, and contact the host point of contact to discuss a collaboration lasting between 2 and 12 months. If students are successful and choose a project, please notify the RI Fellows program in order to be connected to the broader network of Fellows and hosts by emailing [rifellowships@usaid.gov](mailto:rifellowships@usaid.gov). The RI Fellows program will not be able to fund HESN students to engage in these projects, but strongly encourages students to establish collaborations and seek funding through their university and lab. For more information, visit the Step-by-Step Instructions for how to make a match with a host and how to apply.