

MEMORANDUM OF UNDERSTANDING

BETWEEN

LANZHOU UNIVERSITY
(LZU)

AND

SOUTH EASTERN KENYA UNIVERSITY (SEKU)

Preamble

This Memorandum of Understanding (MOU) is made between Lanzhou University (LZU), 222 Southern Tianshui Road, Lanzhou, Gansu Province, China and the SOUTH EASTERN KENYA UNIVERSITY (SEKU), P.O Box 170 - 90200, Kitui, Kenya, collectively known as the Parties.

LZU is one of the top and key universities under Ministry of Education, China. Over its history of 100 years, LZU has made great achievements in the fields of many disciplines with creative teaching and research resources. Especially, since the last decades, LZU has reinforced its study capacities on understanding the key issues limiting the developments in society and economy in Northwestern China. Its efforts and achievements in teaching and research have made a great contribution to regional and national progresses in economy, society and environment management, and consequently, endowed LZU with high reputation at both national and international levels.

South Eastern Kenya University (SEKU) is a new University with a special mandate for teaching and research in dry land Agriculture and other natural resources related Sciences. Specifically, the University is supposed to be a center of excellence in sustainable regional and national development through the advancement and expansion of opportunities for higher education and research in dry land Agriculture, Forestry, Mining, Energy and Water Engineering and Environmental Sciences with emphasis on the arid and semi arid lands.

Whereas, both Parties believe that this collaboration is beneficial to their overall programs and useful in helping to meet their stated goals;

Whereas, LZU has already established similar collaborative linkages with other centers of higher agricultural education and research throughout the world;

Whereas, South Eastern Kenya University (SEKU) has also established similar collaborative linkages with other international research centers; and

Whereas, LZU and South Eastern Kenya University SEKU desire to increase their existing knowledge base regarding semi- arid agriculture and related natural resource management

issues in order to increase its research contribution to that base and to internationalize its curricula.

Article I

Therefore the parties agree to initiate cooperative activities in crop improvement, grassland-livestock interaction, biotechnology, natural resource management, and agricultural policy research.

Cooperative activities will include, but not limited to the following:

1. Joint research between LZU and SEKU scientists conducted at LZU facilities in China and other locations, and SEKU facilities in Kenya.
2. Thesis and dissertation research by LZU and SEKU at LZU facilities in China (and other location), and SEKU facilities in Kenya.
3. Share and exchange genetic and other research materials through appropriate material transfer agreements.
4. Visits by scientists and presentations of lectures, seminars and courses. Visits may be in either direction and may be of short and long-term duration.

Article II

1. LZU and SEKU will, in order to implement Clause 1 of Article 1, jointly develop workplans from time to time.
2. The workplans will specify the collaborative project, funding source, duration and modalities of execution of the project and delineate the obligations and responsibilities of LZU and SEKU.
3. Both parties will jointly and separately seek funding from third parties support for activities to be carried out under this MOU.
4. LZU and SEKU will nominate project leaders, who will meet from time to time to develop the workplans and review the progress of their implementation.
5. The personnel designated for execution of the project and workplans will be responsible for fulfilling agreed requirements as set out in the relevant workplans, agreements and contracts.
6. Specific administrative, financial and operational arrangements will be agreed through exchange of letters as required.

Article III

- (1) Benefits such as improved breeding materials, machinery, designs and techniques, accruing or arising from this cooperative effort may be used by either or both parties with due recognition of each party's contribution.
- (2) Results from collaborative research may be used by either, or both parties with due recognition of each party's contribution.
- (3) Research findings as a result of the joint collaborative work of the two parties will be published in the public interest.
- (4) Research findings published by either party will give credit to the other party's contribution, but the party publishing them will be entirely responsible for the conclusions and interpretation reported.

Article IV

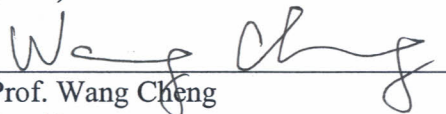
LZU and SEKU recognize the importance of Intellectual Property as a component of the agricultural research agenda. LZU and SEKU reserve any and all Intellectual Property Rights, without limitation discovered or produced as a result of the cooperation related to this agreement. LZU and SEKU will make available to their developing country partners, results of activities by the most appropriate mechanism, which may include seeking of statutory IP protection where appropriate. No information or invention developed as a result of this cooperation will be protected through any form of statutory or non-statutory intellectual property right mechanism by either collaborator without express written approval from the other.

Article V

This MOU will be in effect, initially for a period of 5(five) years, from the latter of the two dates upon which the parties executed this MOU, after which it may be reviewed for possible extension. Either party may terminate the MOU by written notification signed by the appropriate official of the institution initiating the notice. Such notice must be received by the other party six months prior to the effective termination date. However, obligations and commitments already contracted shall be honored and continued by both parties until such commitments are completed.


IN WITNESS WHEREOF, the representatives of the parties duly authorized have agreed and executed this document in English in two originals on the dates mentioned along the signature.

Lanzhou University
(LZU)



Prof. Wang Cheng
President

South Eastern Kenya University
SEKU)



Prof. Geoffrey M. Muluvi
Vice Chancellor

Date: 2015.9.25

Date: 25/9/15

Collaborating academicians and research scientists from SEKU

- (1) Prof. Nashon K.R. Musimba, PhD. A Professor of rangeland management and dryland resources utilization
- (2) Dr. Simon N. Nguluu – Soil Science and Plant Nutrition
- (3) Prof. Titus I Kanui, PhD. A Professor of Animal Physiology
- (4) Prof. Thomas E. Akuja, PhD. Agronomist, Dryland crops
- (5) Dr. Josephert M. Kimatu PhD (Molecular Plant Epigenetic)
- (6) Prof. Dickson M. Nyariki, PhD (Agricultural economics)

CONCEPT NOTE

LANZHOU UNIVERSITY AND SEKU LINKAGE FOR AGRICULTURAL RESEARCH CAPACITY BUILDING AT SOUTH EASTERN KENYA UNIVERSITY

During the signing of the initial MoU, between Lanzhou University and South Eastern College, (SEUCO) in January 2013, the idea of the key initiative was capacity development Research in Dryland Agriculture. The central idea was the development and equipping of a laboratory to focus on Dryland Agro-ecological disciplines and related areas. The following list of research areas form the focus of Dryland agricultural Research Laboratory.

1. Agronomy and Agro-ecology of dryland crops
2. Soil water plant relations in drylands
3. Agro-forestry systems
4. Natural Resources Management and Environmental sustainability
5. Grass-livestock interactions
6. Biotechnology

It is therefore the intention of the collaborating institutions to systematically begin the process of initiating home based laboratory facilities to ensure sustainable and productive growth of the linkage. The linkage will look upon Lanzhou University to facilitate the equipping of the proposed laboratory under this setting, SEKU should provide a room(s) with basic amenities such as water, electricity, fume hoods, safety features, fixtures and fittings, gas and other inbuilt facilities. It is envisaged that Lanzhou University will play teaching role in sourcing and supply of equipment, instruments and source for tools. This initiative should be viewed as a long lasting and capacity development for Agricultural research in the south Eastern Kenya.