OIE Veterinary Education Establishment Twinning Project

Sokoine University of Agriculture (SUA), Faculty of Veterinary Medicine, Morogoro, Tanzania
and Kansas State University (KSU), College of Veterinary Medicine (CVM), Manhattan, KS, USA
United Republic of Tanzania

- A large country in Eastern Africa within the African Great Lakes region.
- Capital: Dodoma
- Official languages: Swahili and English
- Approx. 38% of Tanzania's land area is set aside in protected areas for conservation
- Tanzania has 16 national parks, plus a variety of game and forest reserves
- Tanzania is highly biodiverse and contains a wide variety of animal habitats
Climate varies greatly within Tanzania.

In the highlands, temperatures range between 10 and 20 °C (50 and 68 °F) during cold and hot seasons respectively.

Two major rainfall regimes: one is uni-modal (October–April) and the other is bi-modal (October–December and March–May).
## Livestock Production System

<table>
<thead>
<tr>
<th>Livestock Population</th>
<th>Millions</th>
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<tbody>
<tr>
<td>Cattle</td>
<td>22.8</td>
</tr>
<tr>
<td>Goat</td>
<td>15.6</td>
</tr>
<tr>
<td>Sheep</td>
<td>7.0</td>
</tr>
<tr>
<td>Pigs</td>
<td>2.0</td>
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<tr>
<td>Poultry (indigenous + exotic)</td>
<td>58.0</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>105.0</strong></td>
</tr>
</tbody>
</table>

- Economy heavily based on agriculture (25% of GDP)
- 68% of popn. live below poverty line of $1.25/day
- Aprox. 30% of *agricultural households* in mainland Tanzania keep *small ruminants*
- Mainly *transhumance* livestock production system
- Extensive indigenous livestock low input-low output production systems practiced by the livestock farmers
- Commercial farms (dairy, feed lots, piggery, poultry)
- Meat production (beef, lamb/mutton, pork)

- One Veterinary College (cf 30 Vet Colleges in the US)
- 8,100 Vets + Paraprofessionals (cf 157,00 in the US)
Animal & Zoonotic Diseases in Tanzania

- FMD
- RVF
- ASF
- CBPP
- CCPP
- Anthrax
- Rabies
- Brucellosis
- Bovine TB
- Haemorrhagic Septicaemia
- Heartwater
- Sheeppox and Goatpox
- PPR
- LSD
- ECF
- Trypanosomiasis
- Porcine cystercerosis
- Newcastle disease
- IBD
WORK PLAN
Project Year 1 (2016)

- Workshop 1: SUA, October 2016 (10 days)

  Workshop Topics:
  - Assessment of National VS
  - SUA curriculum review
  - Conduct needs assessment
  - Curriculum and educational resources
  - Assess material needs at SUA
  - Determine priorities of the project and the strategic plan
  - Evaluate existing curricula & educational material specifically relating to the OIE Core Curricula and Day 1 Competencies
WORK PLAN
Project Year 1 (2016)

- Evaluate external resources/e-learning potential (access to online journals, server for materials/notes, etc.)
- Develop performance parameters
- Knowledge exchange on training techniques
- Assessment of areas for joint KSU-SUA research opportunities
- Identify areas for developing Continuing Education (CE) course to be hosted at SUA in Year 3
- Assess wider funding needs to complement the VEE Twinning
- KSU to give guest lecturers at SUA
- Tour of farming systems in Morogoro, Tanzania
- Visiting Participants- KSU core team (6 representatives) + 1 student
- Develop a detailed work plan for the VEE Twinning Project
WORK PLAN
Project Year 1 (2016)

Workshop 2: KSU-CVM, January 2017 (10 days)

Workshop Topics:
- Immerse SUA Faculty in KSU activities:
  - Spend time with Professors, Deans, Academics, US accreditation process, etc.
  - Visit to Kansas Department of Agriculture
  - Visit to KSU Diagnostic Laboratory
- Visit to Washington DC: AVMA, AAVMC, USDA
  - Discuss about the needs (VE) of NVSs and role of national regulators in maintaining the Quality of VE
- SUA Faculty to give guest lecturers, tour of production systems
- Visiting participants to KSU - SUA Core Team (5 representatives)
WORK PLAN
Project Year 1 (2016)

- Student exchange 1: 2 students to visit KSU (March 2017) for 5-6 weeks
- Veterinary Statutory Body (VSB) Meeting in South Africa, July 2017 (2 days)
  - Regulatory/curricula experts from SUA and KSU to visit South Africa to discuss VE accreditation procedures
TIME TABLE – Year 1

October 2016
- Workshop 1
- 10 days at SUA

January 2017
- Workshop 2
- 10 days at KSU

March 2017
- Student Exchange 1
- 2 students from SUA to KSU for 8 weeks

July 2017
- Meeting in South Africa on VSB for 3 days
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<tbody>
<tr>
<td>Workshop 3</td>
<td>Student Exchange 2</td>
<td>Student Exchange 3</td>
<td>Faculty Exchange</td>
<td>Workshop 4</td>
</tr>
<tr>
<td>10 days at SUA</td>
<td>2 KSU students to SUA for 8 weeks</td>
<td>2 SUA students to KSU for 8 weeks</td>
<td>1 SUA Faculty to KSU for 8 weeks</td>
<td>10 days at KSU</td>
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TIME TABLE – Year 3

October 2018
Workshop 5 at SUA, 10 days

June 2019
Sokoine Continuing Education Course (5 days at SUA)

October 2019
Final Workshop 6 at SUA, 10 days