FACTSHEET ON CAPACITIES IN AGRICULTURAL HIGHER EDUCATION

University of Eswatini
Faculty of Agriculture

Anish Tailor, Patricia Carmichael, Skhumbuzo Mlipha, and Nienke Beintema
October 2018

Total number of teaching staff by degree, 2000–2016

<table>
<thead>
<tr>
<th>Year</th>
<th>BSc</th>
<th>MSc</th>
<th>PhD</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000</td>
<td>18</td>
<td>18</td>
<td>18</td>
</tr>
<tr>
<td>2002</td>
<td>4</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>2004</td>
<td>13</td>
<td>16</td>
<td>20</td>
</tr>
<tr>
<td>2006</td>
<td>16</td>
<td>20</td>
<td>27</td>
</tr>
<tr>
<td>2008</td>
<td>13</td>
<td>16</td>
<td>20</td>
</tr>
<tr>
<td>2010</td>
<td>27</td>
<td>17</td>
<td></td>
</tr>
<tr>
<td>2012</td>
<td>17</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2014</td>
<td>31</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2016</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Note: Data for 2000–2008 were not available.

Share of teaching staff by gender, 2016

<table>
<thead>
<tr>
<th>Gender</th>
<th>Male</th>
<th>Female</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSc</td>
<td>Not applicable</td>
<td>FEMALE</td>
</tr>
<tr>
<td>MSc</td>
<td>24%</td>
<td></td>
</tr>
<tr>
<td>PhD</td>
<td>16%</td>
<td></td>
</tr>
</tbody>
</table>

Share of female teaching staff in each qualification level

- BSc: Not applicable
- MSc: 24%
- PhD: 16%

Share of female teaching staff by age bracket

- <41 years: 50%
- 41–50 years: 20%
- >50 years: 7%

Share of female teaching staff by position

- Deans/professors: 0%
- Associate professors: 11%
- Other: 25%

Note: “Other” includes senior lecturers, lecturers, and assistant lecturers.

MSc-and PhD-qualified teaching staff by discipline, 2016

- Plant breeding/genetics: 1
- Plant pathology: 1
- Plant physiology: 1
- Botany: 2
- Seed science and technology: 1
- Other crop sciences: 4
- Animal breeding/genetics: 2
- Animal husbandry: 2
- Animal nutrition: 1
- Dairy science: 1
- Poultry: 1
- Veterinary medicine: 1
- Zoology/entomology: 1
- Soil sciences: 1
- Natural resources management: 1
- Water and irrigation management: 3
- Socioeconomics: 3
- Extension and education: 2

Total number of peer-reviewed publications by type, 2015/2016

- National journal articles: 0 (2015), 0 (2016)
- Regional journal articles: 0 (2015), 0 (2016)
- International journal articles: 0 (2015), 0 (2016)
**BACKGROUND**

Credible quantitative and qualitative information on existing capacities in agricultural higher education agencies in Africa are crucial for strategic planning, policy formulation, setting priorities and benchmarks, measuring progress toward benchmarks, and identifying capacity gaps. Decisionmakers require a solid understanding of existing staffing and student capacities in the higher education sector, as well as in the wider agricultural innovation systems in Africa south of the Sahara. Access to such information supports effective policymaking to address capacity issues in higher education, agricultural research, extension, and other areas. Such information remains extremely limited, however.

To fill this need, the International Food Policy Research Institute’s Agricultural Science and Technology Indicators (ASTI/IFPRI) and the Regional Universities Forum for Capacity Building in Agriculture (RUFORUM) initiated a partnership to pilot the collection of this type of data for RUFORUM’s member universities. This factsheet presents the available data results for the University of Eswatini, Faculty of Agriculture. An online version of the data is available via the Portal on Agricultural Capacity in RUFORUM Universities: www.asti.cgiar.org/RUFORUM.

**ABOUT RUFORUM, ASTI, AND IFPRI**

The Regional Universities Forum for Capacity Building in Agriculture (RUFORUM) is a network of 85 universities in 36 African countries whose mandate is to strengthen the quality and relevance of postgraduate training and research in African universities—especially in agriculture, science, technology, and innovation—through activities designed to improve the capacity of African universities and research centers to generate knowledge relevant to Africa’s development challenges. Agricultural Science and Technology Indicators (ASTI) is a comprehensive and trusted source of information on agricultural R&D systems across the developing world. ASTI works through collaborative alliances with numerous national and regional R&D agencies and international institutions, and is led by the International Food Policy Research Institute (IFPRI), which—as a CGIAR member—provides evidence-based policy solutions to supportably end hunger.

RUFORUM and ASTI/IFPRI gratefully acknowledge participating RUFORUM member universities for their contributions to the data collection and preparation of this factsheet series. ASTI also acknowledges the Mastercard Foundation for its financial support of the development of the series. This factsheet has been prepared as an ASTI–RUFORUM output and has not been peer reviewed.

Copyright © 2018 Regional Universities Forum for Capacity Building in Agriculture and International Food Policy Research Institute. Sections of this document may be reproduced without the express permission of, but with acknowledgment to, RUFORUM and IFPRI. For permission to republish, contact ifpri-copyright@cgiar.org.