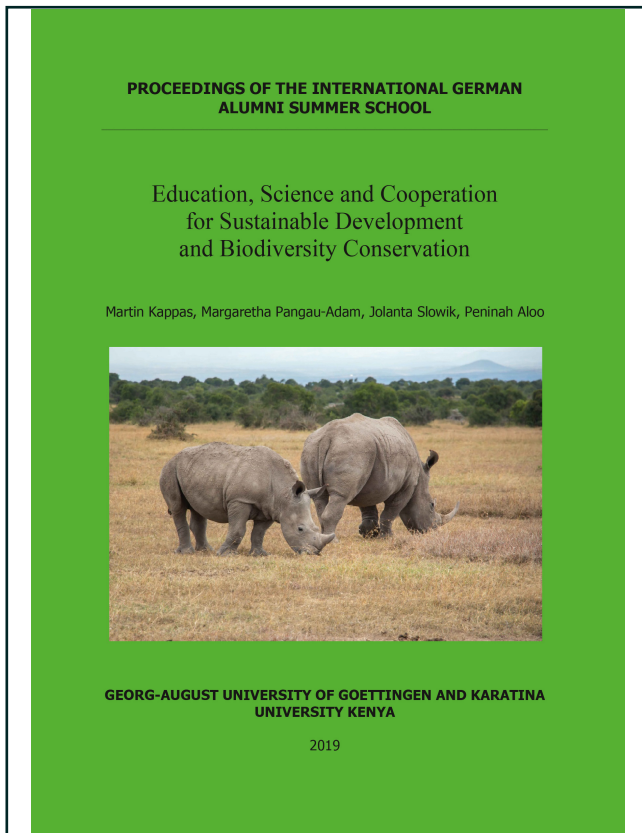




Peninah Aloo (Herausgeber)
Martin Kappas (Herausgeber)
Margaretha Pangau-Adam (Herausgeber)
Jolanta Slowik (Herausgeber)

**Education, Science and Cooperation for Sustainable
Development and Biodiversity Conservation**

Proceedings of the International German Alumni Summer
School Programm, 6–14 October 2018



<https://cuvillier.de/de/shop/publications/8000>

Copyright:
Cuvillier Verlag, Inhaberin Annette Jentsch-Cuvillier, Nonnenstieg 8, 37075 Göttingen,
Germany
Telefon: +49 (0)551 54724-0, E-Mail: info@cuvillier.de, Website: <https://cuvillier.de>



CONTENTS

Introduction.....	9
-------------------	---

Paper Contribution

1	Earth Observation and Geographical Information Systems (GIS) for Sustainable Development	13
	<i>Martin Kappas</i>	
2	Climate-Smart Agricultural Production in the Congo Basin of Central Africa... 23	
	<i>Ernest L. Molua, Denis Sonwa, Youssoufa Bele</i>	
3	How Policy Change Happens: Incorporating the SDGs into the SADA Master Plan to further Localization and Harmonization of SDGs in the Northern Savannah Ecological Zone (NSEZ) of Ghana	35
	<i>Joseph Abazaami</i>	
4	Quantifying Soil Organic Carbon under Contrasting Land Uses in Ethiopia: A review	45
	<i>Chukwuebuka C. Okolo, Girmay Gebresamuel, Abeba N. Retta, Amanuel Zenebe and Mitiku Haile</i>	
5	Opportunities and Challenges for Integrating Trees in the Irrigated Agriculture Landscapes of Kenya	53
	<i>Edward Mengich, Owino J., Ndungu S. and A. Mohamed</i>	
6	Modeling of Climate Change Impacts on Agrobiodiversity in the Bamenda Highlands of Cameroon	65
	<i>Innocent Ndoh Mbue</i>	
7	Conservation in Telecoupled Systems of the African Tropics, Challenges and Opportunities: A Review.....	77
	<i>Eva W. Kihonge</i>	
8	Fundamental Role of Frugivorous Animals and Seed Dispersal in Tropical Forest Regeneration: A review.....	87
	<i>Margaretha Pangau-Adam</i>	



9	The Role of Science and Education in Nature Conservation.....	97
	<i>Jolanta Slowik</i>	
10	Promotion of Environmental Conservation through Establishment of Environmental Clubs in Primary schools: Lessons from Nyeri County.....	109
	<i>Peninah Aloo, Mugo Mware, Magret Mwenje, Josephat Kagema, Duncan Kimuyu, Abdulahi, Mohammed, Grey Mausi, Richard Maturu, Loice Chaka and N. Muriithi</i>	
11	Sustainable Conservation of Traditional Vegetables Species in Central Kenya for Food and Nutrition Security through Involvement of the Youths in and out of School	117
	<i>Louise W. Ngugi</i>	
12	Wildlife Hunting on Ground-dwelling Birds in Indonesian New Guinea: A review	123
	<i>Margaretha Pangau-Adam & Henderina J. Keiluhu</i>	
13	Greenhouse Farm Effects on Nutrient Levels and pH Content in a Peatland: The Case of Ondiri Swamp, Kenya	135
	<i>Eva Ntari</i>	