




Eric Tielkes (Herausgeber)
Tropentag 2012

Resilience of agricultural systems against crises

International Research on Food Security,
Natural Resource Management and Rural
Development



Tropentag 2012






Resilience of agricultural
systems against crises

Book of abstracts

Organised by
Georg-August Universität Göttingen
and University of Kassel

September 19-21, 2012
Göttingen, Germany

www.tropentag.de



GEORG-AUGUST-UNIVERSITÄT
GÖTTINGEN

U N I K A S S E L
V E R S I T Ä T

<https://cuvillier.de/de/shop/publications/6173>

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

	Plenary speeches	9
I	Animals	13
	1) Pastoralism and rangelands	15
	2) Animal breeding and health	37
	3) Monogastric production systems	57
	4) Ruminant husbandry systems	85
II	Plants and Soils	101
	1) Cropping systems and environment	103
	2) Crop biotic stresses (DPG session)	145
	3) Cropping systems to maintain soil quality and available soil moisture	173
	4) Mineral fertilisation and resilience of cropping systems	203
	5) Innovations in cropping systems	219
III	Forestry	263
	1) Forestry	265
	2) Agroforestry	303
IV	Socioeconomics	323
	1) High-value markets	325
	2) Innovation adoption and agricultural productivity	345
	3) Rural development	379
	4) Knowledge, learning and extension	407
	5) Food security and adaptation	427
V	Engineering	449
	1) Innovations in agricultural engineering	451
	2) Water and energy	459
	3) Post-harvest technology	471
	4) Food, health and nutrition	487
VI	Modelling	501
	1) Systems modelling	503



VII Development Cooperation	543
1) Soils and resilience (CIAT session)	545
2) Central issues on resilience of agricultural systems against crises (GIZ session)	555
3) Poetry route	559
Index of Authors	561
Index of Keywords	575