Contents

	Plenary speeches	7
1.	Resilient crop and livestock systems	
a)	Crop management	15
b)	Crop abiotic stress	41
c)	Crop biotic stress	7 1
d)	Animal nutrition	93
e)	Animal production	119
2.	Production resources	
a)	Soil health	147
b)	Water quantity and quality	175
c)	Amendments and nutrient management	199
d)	Climate change adaptation and mitigation	233
3.	Land use, agroecology and biodiversity	
a)	Perspectives on agroecology	261
b)	Agroforestry	279
c)	Biodiversity and neglected species	311
d)	Rangelands and forages	347
4.	Food systems and nutrition	
a)	Food environments	377
b)	Sustainable food systems	403
c)	Sustainable nutrition security	423
d)	Food quality and processing	441
5.	Social learning and governance	
a)	Governance and local livelihoods	465
b)	Gender, power, and access: Dynamics in land and food systems	49 1
c)	Social learning and network	511
d)	Bridging farmer innovation and digital co-design	537

6. Agricultural innovation and economic transformation Digital innovations a) 563 b) Development economics 589 c) Science policy 615 d) Land system changes 637 Institutions 7. a) DAAD SDG seminar 669 **Index of authors** 695

715

Index abstract IDs