

Contents

IFC Guidelines for authors

2 Editorial

2 Future options for the sustainable production of *Agriculture for Development* | Paul Harding

4 Article 1

4 12th Hugh Bunting Memorial Lecture: Integrating women and youth in climate-smart African agriculture | Margaret Mangheni

8 **News from the Field 1.** Fundamentals of farming on Tristan da Cunha | Alasdair Wyllie

11 Article 2

11 The impact of elevated levels of carbon dioxide on host plants, insect pests, and their natural enemies: implications for tropical agriculture | Ravindra Joshi and Leocadio Sebastian

17 **News from the Field 2.** Report on ECHO Asia Conference, Chiang Mai, Thailand, 3-6 Oct 2017 | Keith Virgo

19 Article 3

19 The famine on our doorstep: Africa is burning, the North is watching | Benny Dembitzer

24 **News from the Field 3.** Women farmers till the land to protect agricultural heritage and change ways of living | Priya Pillai

26 Article 4

26 Invasive apple snails (*Pomacea* spp) in Thailand: current status and integrated management | Ratcha Chaichana and Ravindra Joshi

30 **News from the Field 4.** Women in irrigation management in Argentina: participation and opportunities | Laura Imburgia

33 Article 5

33 No-nonsense surveys: aspects of survey design which affect results | Miranda Mortlock

38 **International Agricultural Research News.** Improving livelihoods and safeguarding chocolate | Geoff Hawtin

40 Article 6

40 Building on gender dynamics in household gardens to reduce malnutrition in Tanzania | Ralph Roothaert and Pepijn Schreinemachers

43 Opinions Page

43 The Limits to Growth 2.0 | Charles Bevan

46 Article 7

46 A chicken in every pot | Alex Zieba

49 Bookstack

Biology and management of invasive apple snails | Ravindra Joshi, Robert Cowie and Leocadio Sebastian (Paul Harding)

NGO discourses in the debate on genetically modified crops | Ksenia Gerasimova (Paul Harding)

Thin on the ground, 2nd edition | Anthony Young (Paul Harding)

Against the grain: a deep history of the earliest states | James Scott (Brian Sims)

The famine next door: Africa is burning, the North is watching | Benny Dembitzer (Jim Ellis-Jones)

54 TAA Forum

54 TAA 2017 AGM:

Report of the meeting | Elizabeth Warham

Chairman's 2017 Review and 2018 Preview | Keith Virgo; Treasurer's 2017 annual report and accounts | Jim Ellis-Jones; Towards a new TAA Strategy | Jim Ellis-Jones

2017 TAA Honours | Paul Harding

Development Agriculturalist of Year presentation. Lendwithcare: crowdfunding for micro-finance | Ajaz Khan

62 News from the Regions

TAA SW summer field visit to the Isles of Scilly | Ray Bartlett

TAA SW Conference on sustainable tourism for development: Conference Report | Ray Bartlett

Overview of global tourism and agritourism | John Wibberley

Improving lives and livelihoods through responsible rural tourism, examples from India | Keith Virgo, Manisha Pande, Pooja Masoor and Dinesh Pande

Rural tourism as a strategy for sustainable rural development in Zimbabwe | Clare Robbie

TAA London and SE Curry Club Talk: Ups and downs along the Seed Road | Michael Turner

75 TAAF News. Antony Ellman and James Alden

79 **Reminiscences and Reflections.** From soils to livelihoods | David Radcliffe

83 Institutional Members' Page. Vrutti | Pramel Gupta

84 **Obituaries.** Mike Carr (Andrew Bennett); Michael Harrison (Alister Allen); Roger Tayler (John Wibberley); Ian Robinson (Tessa Robinson).

89 Upcoming Events

92 Protection of members' personal data

IBC How to become a member of the TAA

BC Executive Committee members