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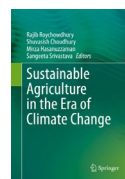
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HIGHLIGHTS

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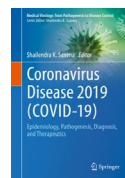
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Cham, Switzerland, Palgrave Macmillan.
Access: [FAO Library Discovery](#)



Roychowdhury, R., Choudhury, S., Hasanuzzaman, M. et al., eds. 2020. [SUSTAINABLE AGRICULTURE IN THE ERA OF CLIMATE CHANGE](#)
Cham, Switzerland, Springer.
Access: [FAO Library Discovery](#)



Browne, S., ed. 2020. [ROUTLEDGE HANDBOOK ON THE UN AND DEVELOPMENT](#)
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Singapore, Singapore, Springer.



Detwiler, D. 2020. [BUILDING THE FUTURE OF FOOD SAFETY TECHNOLOGY: BLOCKCHAIN AND BEYOND](#)
London, UK, Academic Press.
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Tuteja, N., Tuteja, R., Passricha, N. et al., eds. 2020. [ADVANCEMENT IN CROP IMPROVEMENT TECHNIQUES](#)
Duxford, UK, Woodhead Pub.
Access: fao-library-reference@fao.org


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HIGHLIGHTS

 Cohen, G. & Shinwell, M. 2020.
 **[HOW FAR ARE OECD COUNTRIES FROM ACHIEVING SDG TARGETS FOR WOMEN AND GIRLS? : APPLYING A GENDER LENS TO MEASURING DISTANCE TO SDG TARGETS](#)**
 Paris, France, OECD

 OECD/FAO. 2020.
[OECD-FAO AGRICULTURAL OUTLOOK 2020-2029](#)
 Paris, France, OECD/FAO.

ARTICLES BY FAO AUTHOR

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The Rock-Eval (R) signature of soil organic carbon in arenosols of the Senegalese groundnut basin. How do agricultural practices matter?

AGRICULTURE ECOSYSTEMS & ENVIRONMENT Volume: 301 Article Number: 107030

DOI: 10.1016/j.agee.2020.107030

Published: OCT 1 2020

FAO authors: Badiane-Ndour, Ndeye Yacine

FAO access: fao-library-loans@fao.org

Modeling the spatiotemporal distribution of the deep-sea shrimp *Aristeus antennatus* (Crustacea: Decapoda) on the north-western Mediterranean continental margin crossed by submarine canyons

JOURNAL OF MARINE SYSTEMS Volume: 209 Article Number: 103372

DOI: 10.1016/j.jmarsys.2020.103372

Published: SEP 2020

FAO authors: Gorelli, G.

FAO access: fao-library-loans@fao.org

The development of a multiplex PCR assay for the detection of *Fusarium oxysporum* f. sp. cubense lineage VI strains in East and Central Africa

EUROPEAN JOURNAL OF PLANT PATHOLOGY

DOI: 10.1007/s10658-020-02092-9

Early Access: AUG 2020

FAO authors: Beed, F.



Applicability of semi-destructive method to derive allometric model for estimating aboveground biomass and carbon stock in the Hill zone of Bangladesh

JOURNAL OF FORESTRY RESEARCH Volume: 31 Issue: 4 Pages: 1235-1245

DOI: 10.1007/s11676-019-00881-5

Published: AUG 2020

FAO authors: Matieu, Henry

FAO access: fao-library-loans@fao.org

Building Global Nutrition Policies in Health Care: Insights for Tackling Malnutrition from the Academy of Nutrition and Dietetics 2019 Global Nutrition Research and Policy

JOURNAL OF THE ACADEMY OF NUTRITION AND DIETETICS Volume: 120 Issue: 8 Pages: 1407-1416

DOI: 10.1016/j.jand.2020.03.011

Published: AUG 2020

FAO authors: Fracassi, Patrizia



Infectious Diseases and Meat Production

ENVIRONMENTAL & RESOURCE ECONOMICS

DOI: 10.1007/s10640-020-00484-3

Early Access: AUG 2020

FAO authors: Tago, Damian



Survival of Shiga Toxin-Producing *Escherichia coli* in Various Wild Animal Feces That May Contaminate Produce

JOURNAL OF FOOD PROTECTION Volume: 83 Issue: 8 Pages: 1420-1429

DOI: 10.4315/JFP-20-046

Published: AUG 2020

FAO authors: LeJeune, Jeff

FAO access: fao-library-loans@fao.org

Antimicrobials Used in Backyard and Commercial Poultry and Swine Farms in the Philippines: A Qualitative Pilot Study

FRONTIERS IN VETERINARY SCIENCE Volume: 7 Article Number: 329

DOI: 10.3389/fvets.2020.00329

Published: JUL 8 2020

FAO authors: Barroga, Toni Rose M.; Morales, Reildrin G.; Benigno, Carolyn C.; Agunos, Agnes; de Balogh, Katinka; Dorado-Garcia, Alejandro

**Prediction of breeding regions for the desert locust *Schistocerca gregaria* in East Africa**

SCIENTIFIC REPORTS Volume: 10 Issue: 1 Article Number: 11937

DOI: 10.1038/s41598-020-68895-2

Published: JUL 20 2020

FAO authors: Cressman, Keith

**Early network properties of the COVID-19 pandemic - The Chinese scenario**

INTERNATIONAL JOURNAL OF INFECTIOUS DISEASES Volume: 96 Pages: 519-523

DOI: 10.1016/j.ijid.2020.05.049

Published: JUL 2020

FAO authors: Fasina, Folorunso O.

**Ecological analyses to inform management targets for the culling of crown-of-thorns starfish to prevent coral decline**

CORAL REEFS

DOI: 10.1007/s00338-020-01981-z

Early access icon Early Access: JUL 2020

FAO authors: Morello, E. Bee

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Dimension reduction for longitudinal multivariate data by optimizing class separation of projected latent Markov models

TEST

DOI: 10.1007/s11749-020-00727-x

Early Access: JUL 2020

FAO authors: Viviani, Sara

***Anastrepha ludens* (Loew) (Diptera: Tephritidae) larvae irradiated at higher doses improve the rearing of two species of native parasitoids**

JOURNAL OF APPLIED ENTOMOLOGY

DOI: 10.1111/jen.12798

Early Access: JUL 2020

FAO authors: Hendrichs, Jorge

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Plutonium aided reconstruction of caesium atmospheric fallout in European topsoils

SCIENTIFIC REPORTS Volume: 10 Issue: 1

DOI: 10.1038/s41598-020-68736-2

Published: JUL 16 2020

FAO authors: Mabit, Lionel

**The Global Methane Budget 2000-2017**

EARTH SYSTEM SCIENCE DATA Volume: 12 Issue: 3 Pages: 1561-1623

DOI: 10.5194/essd-12-1561-2020

Published: JUL 15 2020

FAO authors: Tubiello, Francesco N.

**Long-Term Grass Biomass Estimation of Pastures from Satellite Data**

REMOTE SENSING Volume: 12 Issue: 13 Article Number: 2160

DOI: 10.3390/rs12132160

Published: JUL 2020

FAO authors: Kanamaru, Hideki; Vuolo, Maria Raffaella; Fujisawa, Mariko

**Trends in Inland Commercial Fisheries in the United States**

FISHERIES

DOI: 10.1002/fsh.10483

Early Access: JUL 2020

FAO authors: Funge-Smith, Simon

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Quantifying greenhouse gas emissions from global aquaculture

SCIENTIFIC REPORTS Volume: 10 Issue: 1

DOI: 10.1038/s41598-020-68231-8

Published: JUL 15 2020

FAO authors: Hasan, Mohammad R.



Detection of highly pathogenic avian influenza in Sekong Province Lao PDR 2018-Potential for improved surveillance and management in endemic regions

TRANSBOUNDARY AND EMERGING DISEASES

DOI: 10.1111/tbed.13673

Early Access: JUL 2020

FAO authors: Chanthavisouk, Chintana; Dhingra, Madhur S.

FAO access: fao-library-loans@fao.org

Land productivity dynamics in Socotra Island (Yemen)

RENDICONTI LINCEI-SCIENZE FISICHE E NATURALI

DOI: 10.1007/s12210-020-00928-4

Early Access: JUL 2020

FAO authors: Rezende, Marcelo

FAO access: fao-library-loans@fao.org

Molecular characterization of rabies viruses from two western provinces of the Democratic Republic of the Congo (2008-2017)

VIRUS GENES

DOI: 10.1007/s11262-020-01784-y

Early Access: JUL 2020

FAO authors: Naletoski, Ivancho; Dundon, William G.

FAO access: fao-library-loans@fao.org

Peste des petits ruminants in Africa: a review of currently available molecular epidemiological data, 2020

ARCHIVES OF VIROLOGY

DOI: 10.1007/s00705-020-04732-1

Early Access: JUL 2020

FAO authors: Dundon, William G.; Cattoli, Giovanni



A literature review of the use of environmental sampling in the surveillance of avian influenza viruses

TRANSBOUNDARY AND EMERGING DISEASES

DOI: 10.1111/tbed.13633

Early Access: JUL 2020

FAO authors: Hood, Grace; Roche, Xavier; Brioude, Aurelie; von Dobschuetz, Sophie; Fasina, Folorunso Oludayo; Kalpravidh, Wantanee; Makonnen, Yilma; Lubroth, Juan



Manipulation of insect gut microbiota towards the improvement of *Bactrocera oleae* artificial rearing

ENTOMOLOGIA EXPERIMENTALIS ET APPLICATA

Volume: 168 Issue: 6-7 Pages: 523-540 Special Issue: SI

DOI: 10.1111/eea.12934

Published: JUL 2020

FAO authors: Koskinioti, Panagiota; Ras, Erica; Augustinos, Antonios A.; Caceres, Carlos; Bourtzis, Kostas



Household welfare impacts of an agricultural innovation platform in Uganda

FOOD AND ENERGY SECURITY Article Number: e225

DOI: 10.1002/fes3.225

Early Access: JUL 2020

FAO authors: Asfaw, Solomon



Community-based sheep breeding programs generated substantial genetic gains and socioeconomic benefits

ANIMAL Volume: 14 Issue: 7 Pages: 1362-1370 Article Number: PII S1751731120000269

DOI: 10.1017/S1751731120000269

Published: JUL 2020

FAO authors: Mirkena, T.



Environmental factors and human activity as drivers of tree cover and density on the Island of Socotra, Yemen

RENDICONTI LINCEI-SCIENZE FISICHE E NATURALI

DOI: 10.1007/s12210-020-00923-9

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Diversification is in the Detail: Accounting for Crop System Heterogeneity to Inform Diversification Policies in Malawi and Zambia

JOURNAL OF DEVELOPMENT STUDIES

DOI: 10.1080/00220388.2020.1769072

Early Access: JUN 2020

FAO authors: Maggio, Giuseppe; Sitko, Nicholas J.

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Geographical variation in the risk of H7N9 human infections in China: implications for risk-based surveillance

SCIENTIFIC REPORTS Volume: 10 Issue: 1

DOI: 10.1038/s41598-020-66359-1

Published: JUN 25 2020

FAO authors: Guo, Fusheng



New Rootsnap Sensor Reveals the Ameliorating Effect of Biochar on In Situ Root Growth Dynamics of Maize in Sandy Soil

FRONTIERS IN PLANT SCIENCE Volume: 11 Article Number: 949

DOI: 10.3389/fpls.2020.00949

Published: JUN 25 2020

FAO authors: Ahmed, Fauziatu



A Cloud-Based Evaluation of the National Land Cover Database to Support New Mexico's Food-Energy-Water Systems

REMOTE SENSING Volume: 12 Issue: 11 Article Number: 1830

DOI: 10.3390/rs12111830

Published: JUN 2020

FAO authors: Finegold, Yelena



An Assessment of Global Forest Change Datasets for National Forest Monitoring and Reporting

REMOTE SENSING Volume: 12 Issue: 11 Article Number: 1790

DOI: 10.3390/rs12111790

Published: JUN 2020

FAO authors: Mahmood, Abu R. J.

**Exploring the potential of using ⁷Be measurements to estimate soil redistribution rates in semi-arid areas: results from Western Iran and Southern Italy**

JOURNAL OF SOILS AND SEDIMENTS

DOI: 10.1007/s11368-020-02701-4

Early Access: JUN 2020

FAO authors: Zaman, Mohammad; Mabit, Lionel

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Modified Atmosphere Does Not Reduce the Efficacy of Phytosanitary Irradiation Doses Recommended for Tephritid Fruit Flies

INSECTS Volume: 11 Issue: 6 Article Number: 371

DOI: 10.3390/insects11060371

Published: JUN 2020

FAO authors: Dias, Vanessa S.; Martinez-Barrera, Olga Y.; Hurtado, Nick, V.; Cardoso, Amanda A. S.; Parker, Andrew G.; Caravantes, Luis A.; Rivera, Camilo; Araujo, Alexandre S.; Maxwell, Florence; Caceres-Barrios, Carlos E.; Vreysen, Marc J. B.

**Review of the Indian Ocean spikefish genus *Mephisto* (Tetraodontiformes: Triacanthodidae)**

ZOOTAXA Volume: 4802 Issue: 1 Pages: 82-98

DOI: 10.11646/zootaxa.4802.1.5

Published: JUN 22 2020

FAO authors: Psomadakis, Peter N.;

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Quantifying greenhouse gas emissions from global aquaculture

SCIENTIFIC REPORTS Volume: 10 Issue: 1

DOI: 10.1038/s41598-020-68231-8

Published: JUL 15 2020

FAO authors: Hasan, Mohammad R.

**Boosting the sterile insect technique with pyriproxyfen increases tsetse flies *Glossina palpalis gambiensis* sterilization in controlled conditions**

SCIENTIFIC REPORTS Volume: 10 Issue: 1

DOI: 10.1038/s41598-020-66850-9

Published: JUN 19 2020

FAO authors: Parker, A. G.; Bouyer, J.

**Public food procurement for sustainable diets and food systems: The role of the regulatory framework**

GLOBAL FOOD SECURITY-AGRICULTURE POLICY ECONOMICS AND ENVIRONMENT Volume: 25 Article Number: UNSP 100366

DOI: 10.1016/j.gfs.2020.100366

Published: JUN 2020

FAO authors: Swensson, Luana F. J.; Tartanac, Florence

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Exploring the landscape of livestock 'Facts'

GLOBAL FOOD SECURITY-AGRICULTURE POLICY ECONOMICS AND ENVIRONMENT Volume: 25 Article Number: UNSP 100329

DOI: 10.1016/j.gfs.2019.100329

Published: JUN 2020

FAO authors: Ciamarra, U. Pica; Robinson, T.

**Relative Tolerance of Three Morphotypes of the *Anastrepha fraterculus* Complex (Diptera: Tephritidae) to Cold Phytosanitary Treatment**

JOURNAL OF ECONOMIC ENTOMOLOGY Volume: 113 Issue: 3

Pages: 1176-1182

DOI: 10.1093/jee/toaa027

Published: JUN 2020

FAO authors: Dias, Vanessa S.; Cardoso, Amanda A. S.; Hurtado, Nick, V.; Rivera, Camilo; Maxwell, Florence; Caceres-Barrios, Carlos E.; Vreysen, Marc J. B.

**The Role of European Starlings (*Sturnus vulgaris*) in the Dissemination of Multidrug-Resistant *Escherichia coli* among Concentrated Animal Feeding Operations**

SCIENTIFIC REPORTS Volume: 10 Issue: 1

DOI: 10.1038/s41598-020-64544-w

Published: MAY 15 2020

FAO authors: LeJeune, Jeffrey T.

**Nutrient and Chemical Contaminant Levels in Five Marine Fish Species from Angola-The EAF-Nansen Programme**

FOODS Volume: 9 Issue: 5 Article Number: 629

DOI: 10.3390/foods9050629

Published: MAY 2020

FAO authors: Ahern, Molly

**Risk Factors for Outbreaks of Lumpy Skin Disease and the Economic Impact in Cattle Farms of Nakuru County, Kenya**

FRONTIERS IN VETERINARY SCIENCE Volume: 7 Article Number: 259

DOI: 10.3389/fvets.2020.00259

Published: MAY 29 2020

FAO authors: Lyons, Nicholas A.



Food losses and food waste in the consumer market of the Russian Federation

INTERNATIONAL AGRICULTURAL JOURNAL 4/2020

Published: APR 2020

FAO author: Antanevic, Katerina

**Survival of Salmonella in Various Wild Animal Feces That May Contaminate Produce**

JOURNAL OF FOOD PROTECTION Volume: 83 Issue: 4 Pages: 651-660

DOI: 10.4315/0362-028X.JFP-19-302

Published: APR 2020

FAO authors: LeJeune, Jeff

FAO access: fao-library-loans@fao.org**Multi-stakeholder perspectives on spatial planning processes for mariculture in the Mediterranean and Black Sea**

REVIEWS IN AQUACULTURE Volume: 12 Issue: 1 Pages: 347-364

DOI: 10.1111/raq.12321

Published: FEB 2020

FAO authors: Aguilar-Manjarrez, Jose; Massa, Fabio; Fezzardi, Davide

**Facts, truths and myths about SPF shrimp in Aquaculture**

REVIEWS IN AQUACULTURE Volume: 12 Issue: 1 Pages: 76-84

DOI: 10.1111/raq.12305

Published: FEB 2020

FAO authors: Bondad-Reantaso, Melba G.

**Is the Decade of Action on Nutrition (2016-2025) leaving a footprint? Taking stock and looking ahead**

REVISTA PANAMERICANA DE SALUD PUBLICA-PAN AMERICAN JOURNAL OF PUBLIC HEALTH Volume: 44 Article Number: e73

DOI: 10.26633.RPSP.2020.73

Published: 2020

FAO authors: Wijnhoven, Trudy

**FAO/WHO GIFT (Global Individual Food consumption data Tool): a global repository for harmonised individual quantitative food consumption studies**

PROCEEDINGS OF THE NUTRITION SOCIETY Volume: 78 Issue: 4 Pages: 484-495 Article Number: PII S0029665119000491

DOI: 10.1017/S0029665119000491

Published: NOV 2019

FAO authors: Leclercq, C.; Allemand, P.; Balcerzak, A.; Sousa, R. F.; Lartey, A.; Lipp, M.; Quadros, V. P.

**Importance and use of reliable food composition data generation by nutrition/dietetic professionals towards solving Africa's nutrition problem: constraints and the role of FAO/INFOODS/AFROFOODS and other stakeholders in future initiatives**

PROCEEDINGS OF THE NUTRITION SOCIETY Volume: 78 Issue: 4 Pages: 496-505 Article Number: PII S0029665118002926

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FAO authors: Kimani, Angela; Charrondiere, U. Ruth

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