



## NEWS

### New Nature e-Journal: Nature Ecology & Evolution



[Nature Ecology & Evolution](#) is a Nature-branded online-only monthly journal that covers the full spectrum of ecological and evolutionary biology, encompassing approaches at the molecular, organismal, population, community and ecosystem levels, as well as relevant parts of the social sciences.

### New Springer e-Journal: The European Journal of Development Research



The [European Journal of Development Research](#) redefines and modernises what international development is, recognising the many schools of thought on what human development constitutes. It encourages debate between competing approaches to understanding global development and international social development.

## NEW BOOKS

### E-BOOKS



Chigbu, U.E., ed. 2022

#### [LAND GOVERNANCE AND GENDER: THE TENURE-GENDER NEXUS IN LAND MANAGEMENT AND LAND POLICY](#)

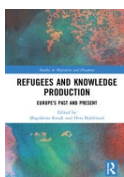
Wallingford, UK, CABI



Martinović, A., Oh, S. & Lelieveld, H., eds. 2022

#### [ENSURING GLOBAL FOOD SAFETY: EXPLORING GLOBAL HARMONIZATION](#)

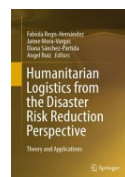
London, UK, Academic Press



Kmak, M. & Björklund, H., eds. 2022

#### [REFUGEES AND KNOWLEDGE PRODUCTION. EUROPE'S PAST AND PRESENT](#)

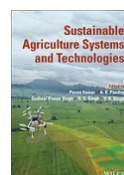
Abingdon, UK, Routledge



Regis-Hernández, F., Mora-Vargas, J., Sánchez-Partida, D. & Ruiz, A., eds. 2022

#### [HUMANITARIAN LOGISTICS IN THE DISASTER RISK REDUCTION PERSPECTIVE: THEORY AND APPLICATIONS](#)

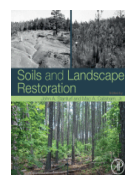
Cham, Switzerland, Springer Nature



Kumar, P., Pandey, A.K., Kumar Singh, S., Singh, S.S. & Singh, V.K., eds. 2022

#### [SUSTAINABLE AGRICULTURE SYSTEMS AND TECHNOLOGIES](#)

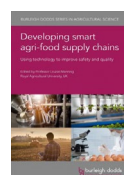
Hoboken, NY, USA, John Wiley & Sons



Stanturf, J.A. & Callahan, M.A.Jr., eds. 2021

#### [SOILS AND LANDSCAPE RESTORATION](#)

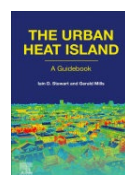
London, UK, Academic Press



Manning, L., ed. 2021

#### [DEVELOPING SMART AGRI-FOOD SUPPLY CHAINS: USING TECHNOLOGY TO IMPROVE SAFETY AND QUALITY](#)

London, UK, Burleigh Dodds Science Pub.

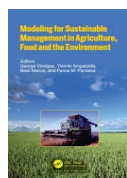


Stewart, I.D. & Mills, G. 2021

#### [URBAN HEAT ISLAND: A GUIDEBOOK](#)

Amsterdam, Netherlands, Elsevier

## NEW RESOURCES



Vlontzos, G., Ampatzidis, Y., Manos, B. & Pardalos, P.M., eds. 2022

### [MODELING FOR SUSTAINABLE MANAGEMENT IN AGRICULTURE, FOOD AND THE ENVIRONMENT](#)

Boca Raton, FL, USA, CRC Press

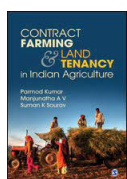


Von Gadow, K., Alvarez Gonzalez, J.G., Zhang Chunyu, Pukkala, T. & Zhao Xiuhai. 2021

### [SUSTAINING FOREST ECOSYSTEMS](#)

Cham, Switzerland, Springer Nature

## PRINTS



Kumar, P., Manjunatha, A.V., Sourav, S.K. 2021

### [CONTRACT FARMING & LAND TENANCY IN INDIAN AGRICULTURE](#)

Los Angeles, CA, USA, SAGE

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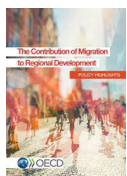
Al-Kindi, N.B.H., Al-Hinai, Y.K., Al-Saadi, A.A., Al-Saqri, F.A. & Thani, Q.R.A., eds. 2014-2015

### [THE MANGO TREE ENCYCLOPEDIA](#)

Hildesheim, Germany, GEORG OLMS AG

For check-out: [fao-library-loans@fao.org](mailto:fao-library-loans@fao.org)

## NEW OECD PUBLICATIONS



OECD. 2022

### [THE CONTRIBUTION OF MIGRATION TO REGIONAL DEVELOPMENT](#)

Paris, France, OECD



OECD. 2022

### [INTERNATIONAL STANDARDS FOR FRUIT AND VEGETABLES: LEEKS](#)

Paris, France, OECD/OWE



OECD. 2022

### [INTERNATIONAL STANDARDS FOR FRUIT AND VEGETABLES: APPLES](#)

Paris, France, OECD

## ARTICLES BY FAO AUTHORS

An overview of the latest journal articles and some other document types (editorial material, letters, book chapters and conference proceedings) written or cowritten by authors affiliated with FAO. The main source of information is the Web of Science ([WoS](#)), the world's largest publisher-neutral abstract and citation platform of leading peer-reviewed international and regional scientific literature.

FAO Style (2021) is used as the citation style.

Adhikari, B., Baral, K., Bhandari, S., Szydlowski, M., Kunwar, R.M., Panthi, S., Neupane, B. & Koirala, R.K. 2022

### **Potential risk zone for anthropogenic mortality of carnivores in Gandaki Province, Nepal**

*ECOLOGY AND EVOLUTION*. Volume 12 Issue 1 Article Number e8491

10.1002/ece3.8491

FAO authors: Kunwar, R.M.



Auer, A., Settypalli, T. B. K., Mouille, B., Angot, A., De Battisti, C., Lamien, C. E. & Cattoli, G. 2022

### **Comparison of the sensitivity, specificity, correlation and inter-assay agreement of eight diagnostic in vitro assays for the detection of African swine fever virus.**

*Transboundary and Emerging Diseases*.

10.1111/tbed.14491.

FAO authors: Auer, A., Settypalli, T. B. K., Mouille, B., Angot, A., De Battisti, C., Lamien, C. E. & Cattoli, G.



Badr, H., Reda, R.M., Hagag, N.M., Kamel, E., Elnomrosy, S.M., Mansour, A.I., Shahein, M.A. et al. 2022

**Multidrug-Resistant and Genetic Characterization of Extended-Spectrum Beta-Lactamase-Producing *E. coli* Recovered from Chickens and Humans in Egypt**

*ANIMALS*. Volume 12 Issue 3 Article Number 346

10.3390/ani12030346

FAO authors: Mansour, Amal I.



Ben Arfa, Y., Di Cintio, A., Ceriola, L. & Jarbou, O. 2022.

**Socio-economic analysis of the trawl fleet targeting Deep-water rose shrimp (*Parapenaeus longirostris*) and European hake (*Merluccius merluccius*) in North Tunisia (2015-2017).**

*Marine Policy*, 137.

10.1016/j.marpol.2021.104952.

FAO authors: Di Cintio, A., Ceriola, L.



Berlinger, C., Crespo, M.B. & Calles, T. 2022

**Nomenclatural reappraisal of the *Macroptilium gracile* (Leguminosae) species complex**

*KEW BULLETIN*.

10.1007/s12225-021-09996-7

FAO authors: Calles, T.



Correale, N. 2022

**Adaptive learning approaches for addressing hazardous child labour and reducing pesticide exposure**

*SAFETY AND HEALTH AT WORK*. Volume 13 Page S70-S70 Supplement S

FAO authors: Correale, N.

Access: [fao-library-loans@fao.org](mailto:fao-library-loans@fao.org)

De la Puente-Arevalo, M., Motta, P., Durr, S., Warembourg, C., Nikola, C., Burdon-Bailey, J., Mayer, D. et al. 2022

**Ranging patterns and factors associated with movement in free-roaming domestic dogs in urban Malawi**

*ECOLOGY AND EVOLUTION* Volume 12 Issue 1 Article Number e8498

10.1002/ece3.8498

FAO authors: De la Puente-Arevalo, M., Motta, P.



Gaisberger, H., Fremout, T., Kettle, C.J., Vinceti, B., Della Kemalasarri, Kanchanarak, T., Thomas, E. et al. 2022

**Tropical and subtropical Asia's valued tree species under threat**

*CONSERVATION BIOLOGY*. Article Number 13873 10.1111/cobi.13873

FAO authors: Henry, M.



Gatti, R.C., Reich, P.B., Gamarra, J.G.P., Crowther, T., Hui, C., Moreira, A., Bastin, J.F. et al. 2022

**The number of tree species on Earth**

*PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*. Volume 119 Issue 6 Article Number e2115329119

10.1073/pnas.2115329119

FAO authors: Gamarra, J.G.P.



Genthon, A. 2022

**Promoting a comprehensive approach in the agriculture sector and by agriculture stakeholders towards the elimination of hazardous work and child labour**

*SAFETY AND HEALTH AT WORK*. Volume 13 Page S70-S70 Supplement S

FAO authors: Genthon, A.

Access: [fao-library-loans@fao.org](mailto:fao-library-loans@fao.org)

Grimaldi, I.M., Van Andel, T.R. & Denham, T.P. 2022

**Looking beyond history: tracing the dispersal of the Malaysian complex of crops to Africa**

*AMERICAN JOURNAL OF BOTANY*. Volume 109 Issue 2 Page 193-208

10.1002/ajb2.1821

FAO authors: Grimaldi, I.M.



Guimapi, R.A., Niassy, S., Mudereri, B.T., Abdel-Rahman, E.M., Tapa-Yotto, G.T., Subramanian, S., Mohamed, S.A. et al. 2022

**Harnessing data science to improve integrated management of invasive pest species across Africa: An application to Fall armyworm (*Spodoptera frugiperda*) (JE Smith) (Lepidoptera: Noctuidae)**

*GLOBAL ECOLOGY AND CONSERVATION*. Volume 35 Article Number e02056

10.1016/j.gecco.2022.e02056

FAO authors: Rwaburindi, J.C, Hadi, B., Elkahky, M.



Lamei, P., Attorre, F., Testolin, R., De Sanctis, M., Turia, R. & Hitofumi, A. 2022

**Disturbance Impacts of Logging on Ground Herbaceous Plant Species Richness, Diversity, and Composition of Lowland Rainforest of Papua New Guinea: Herbaceous Diversity in Tropical Papua New Guinea**

*CASE STUDIES IN THE ENVIRONMENT*. Volume 5 Issue 1

10.1525/cse.2021.1517753

FAO authors: Hitofumi, A.

Access: [fao-library-loans@fao.org](mailto:fao-library-loans@fao.org)

Makalo, M.R.J., Dundon, W.G., Settypalli, T.B.K., Datta, S., Lamien, CE., Cattoli, G., Phalatsi, MS. et al. 2022

**Highly pathogenic avian influenza (A/H5N1) virus outbreaks in Lesotho, May 2021**

*EMERGING MICROBES & INFECTIONS*. Volume 11 Issue 1 Page 757-760

10.1080/22221751.2022.2043729

FAO authors: Dundon, W.G., Settypalli, T.B.K., Datta, S., Lamien, CE., Cattoli, G.



Makhamreh, Z., Hdoush, A.A., Ziadat, F. & Kakish, S. 2022

**Detection of seasonal land use pattern and irrigated crops in drylands using multi-temporal sentinel images**

*ENVIRONMENTAL EARTH SCIENCES*. Volume 81 Issue 4 Article Number 120

10.1007/s12665-022-10249-4

FAO authors: Ziadat, F.

Access: [fao-library-loans@fao.org](mailto:fao-library-loans@fao.org)

Liu, R. Y., Han, G. H., Li, Z., Cun, S. J., Hao, B., Zhang, J. P. & Liu, X. C.

**Bacteriophage therapy in aquaculture: current status and future challenges.**

*Folia Microbiologica*.

10.1007/s12223-022-00965-6.

FAO authors: Hao, B.

Access: [fao-library-loans@fao.org](mailto:fao-library-loans@fao.org)

Miller, S.A., Ferreira, J.P. & Lejeune, J.T. 2022

**Antimicrobial Use and Resistance in Plant Agriculture: A One Health Perspective**

*AGRICULTURE-BASEL* Volume 12 Issue 2 Article Number 289

10.3390/agriculture12020289

FAO authors: Ferreira, J.P. & Lejeune, J.T.



Molini, U., Coetzee, L. M., Van Zyl, L., Khaiseb, S., Cattoli, G., Dundon, W. G. & Franzo, G. 2022.

**Molecular Detection and Genetic Characterization of Porcine Circovirus 2 (PCV-2) in Black-Backed Jackal (*Lupulella mesomelas*) in Namibia.**

*Animals*, 12(5).

10.3390/ani12050620.

FAO authors: Cattoli, G., Dundon, W. G.



Muloi, D. M., Wee, B. A., McClean, D. M. H., Ward, M. J., Pankhurst, L., Phan, H. & Ivens, A. C. at al.

**Population genomics of *Escherichia coli* in livestock-keeping households across a rapidly developing urban landscape.**

*Nature Microbiology*.

10.1038/s41564-022-01079-y.

FAO authors: Robinson, T.P.



Padeniya, U., Larson, ET, Septriani, S., Pataueg, A., Kafui, A.R., Hasan, E., Mmaduakonam, O.S. et al. 2022

**Probiotic Treatment Enhances Pre-feeding Larval Development and Early Survival in Zebrafish *Danio rerio***

*JOURNAL OF AQUATIC ANIMAL HEALTH*. Volume 34 Issue 1 Page 3-11

DOI 10.1002/aah.10148

Fao authors: Padeniya, U., Septriani, S., Pataueg, A., Kafui, AR, Hasan, E., Mmaduakonam, OS, Brown, CL



Percoma, L., Rayaisse, J. B., Gimonneau, G., Bengaly, Z., Pooda, S. H., Pagabeleguem, S. & Ganaba, R. et al. 2022.

**An atlas to support the progressive control of tsetse-transmitted animal trypanosomiasis in Burkina Faso.**

*Parasites & Vectors*. 15(1).

10.1186/s13071-021-05131-4.

FAO authors: ; Argiles, R.; Ouedraogo, M., Zhao, WN., Paone, M., Cecchi, G.



Sacande, M. & Muir, G.

**Restoring Sahelian landscapes with people and plants: insights from large-scale interventions.**

*Restoration Ecology*.

10.1111/rec.13656.

FAO authors: Sacande, M. & Muir, G.

Access: [fao-library-loans@fao.org](mailto:fao-library-loans@fao.org)

Sanou, L., Savadogo, P., Zida, D. & Thiombiano, A.

**Variation in soil seed bank and relationship with aboveground vegetation across microhabitats in a savanna-woodland of West Africa.**

*Nordic Journal of Botany*.

10.1111/njb.03304.

FAO authors: Savadogo, P.

Access: [fao-library-loans@fao.org](mailto:fao-library-loans@fao.org)

Shin, Y. J., Midgley, G. F., Archer, E. R. M., Arneith, A., Barnes, D. K. A., Chan, L. & Hashimoto, S. et al.

**Actions to halt biodiversity loss generally benefit the climate.**

*Global Change Biology*.

10.1111/gcb.16109.

FAO authors: Ngo, H.T.



Sidi, M., Zerbo, H.L., Ouoba, B.L., Settypalli, T.B.K., Bazimo, G., Ouandaogo, H.S., Sie, B.N. et al. 2022

**Molecular characterization of African swine fever viruses from Burkina Faso, 2018**

*BMC VETERINARY RESEARCH*. Volume 18 Issue 1 Article Number 69

10.1186/s12917-022-03166-y

FAO authors: Settypalli, T.B.K., Cattoli, G., Lamien, C.E.



Song, K. & Ma, X.C.

**Individual Opinions as an Agent of International Legal Development?**

*JOURNAL OF INTERNATIONAL DISPUTE SETTLEMENT*. Volume 13

Issue 1 Page 54-78

DOI10.1093/jnlids/idac004

FAO authors: Ma, X.C.

Access: [fao-library-loans@fao.org](mailto:fao-library-loans@fao.org)

Subirats-Coll, I., Kolshus, K., Turbati, A., Stellato, A., Mietzsch, E., Martini, D. & Zeng, M. 2022.

**AGROVOC: The linked data concept hub for food and agriculture.**

*Computers and Electronics in Agriculture*

10.1016/j.compag.2020.105965

FAO authors: Subirats-Coll, I., Kolshus, K., Turbati, A.



Tefera, B., Bacha, B., Belew, S., Raffaella, R., Andualem, T., Abegaz, Z. & Zelelew, A. et al. 2022.

**Study on identification, assay and organoleptic quality of veterinary medicines in Ethiopia.**

*Journal of Pharmaceutical Policy and Practice*, 15(1).

10.1186/s40545-022-00410-6.

FAO authors: Andualem, T



Raouf, YA, Wadsworth, J., Bin-Tarif, A., Gray, A.R., Habiela, M, Almutalb, A.A., Yousif, H. et al. 2022

**Genotyping of foot-and-mouth disease viruses collected in Sudan between 2009 and 2018**

*TRANSBOUNDARY AND EMERGING DISEASES*.

DOI10.1111/tbed.14472

FAO authors: Tibbo, M., Almajali, A.M.



Watanabe, S., Yuba, E., Akazawa, T., Wijewardana, V., Kakihara, Y., Azuma, A. 6 Hagimori, K. at al. 2022.

**Potent adjuvant effect elicited for tumor immunotherapy by a liposome conjugated pH-sensitive polymer and dendritic cell-targeting Toll-like-receptor ligand.**

*Vaccine*, 40(10): 1448-1457.

10.1016/j.vaccine.2022.01.048.

FAO authors: Wijewardana, V.



Wu, M.Q., Ye, H.C., Niu, Z., Huang, W.J., Hao, P.Y., Li, W. & Yu, B.

**Operation Status Comparison Monitoring of China's Southeast Asian Industrial Parks before and after COVID-19 Using Nighttime Lights Data**

*ISPRS INTERNATIONAL JOURNAL OF GEO-INFORMATION*. Volume

11 Issue 2 Article Number 122

10.3390/ijgi11020122

FAO authors: Hao, P.Y.



Xia, J. Y., Latchininsky, A., Hadi, B. & Elkahky, M. 2022.

**SUSTAINABLE PLANT PEST MANAGEMENT THROUGH OPTIMIZATION AND MINIMIZATION.**

*Frontiers of Agricultural Science and Engineering*. 9(1): 161-166.

10.15302/j-j-fase-2021426.

FAO authors: Xia, J. Y., Latchininsky, A., Hadi, B. & Elkahky, M.



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## FAO PUBLICATIONS UPDATE

For an overview of the latest FAO publications, please check-out the **FAO Publications Update** for this month.

English: [March 2022 \(Issue #57\)](#)