



## NEWS

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ELSEVIER

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**Trial period:** 16 February - 18 March

## NEW BOOKS

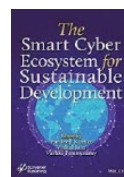
### E-BOOKS



Flood, S., Jerez Columbié, Y., Le Tissier, M. & O'Dwyer, B., eds. 2022

[\*\*CREATING RESILIENT FUTURES: INTEGRATING DISASTER RISK REDUCTION, SUSTAINABLE DEVELOPMENT GOALS AND CLIMATE CHANGE ADAPTATION AGENDAS\*\*](#)

Cham, Switzerland, Palgrave Macmillan



Kumar, P., Jain, V. & Ponnusamy, V., eds. 2021

[\*\*THE SMART CYBER ECOSYSTEM FOR SUSTAINABLE DEVELOPMENT\*\*](#)

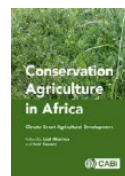
Hoboken, NJ , USA, John Wiley & Sons/Scrivener Pub.



Frouz, J. & Frouzová, J. 2022

[\*\*APPLIED ECOLOGY: HOW AGRICULTURE, FORESTRY AND FISHERIES SHAPE OUR PLANET\*\*](#)

Cham, Switzerland, Springer Nature



Mkomwa, S., CAB International & Kassam, A., eds. 2022

[\*\*CONSERVATION AGRICULTURE IN AFRICA: CLIMATE SMART AGRICULTURAL DEVELOPMENT\*\*](#)

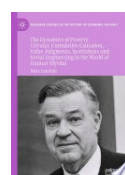
Wallingford, UK, CABI



Jhariya, M.K., Meena, R.S., Banerjee, A. & Meena, S.N., eds. 2022

[\*\*NATURAL RESOURCES CONSERVATION AND ADVANCES FOR SUSTAINABILITY\*\*](#)

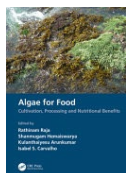
Amsterdam, Netherlands, Elsevier



Lundahl, M. 2021

[\*\*THE DYNAMICS OF POVERTY: CIRCULAR, CUMULATIVE CAUSATION, VALUE JUDGMENTS, INSTITUTIONS AND SOCIAL ENGINEERING IN THE WORLD OF GUNNAR MYRDAL\*\*](#)

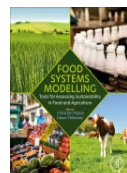
Cham, Switzerland, Palgrave Macmillan



Raja, R., Hemaiswarya, S., Arunkumar, K. & Carvalho, I.S., eds. 2022

**ALGAE FOR FOOD: CULTIVATION, PROCESSING AND NUTRITIONAL BENEFITS**

Boca Raton, FL, USA, CRC Press

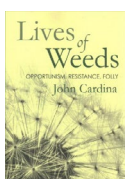


Peters, C.J. & Thilmany, D.D., eds. 2022

**FOOD SYSTEMS MODELLING**

London, UK, Academic Press

### PRINTS



Cardina, J. 2021

**LIVES OF WEEDS: OPPORTUNISM, RESISTANCE, FOLLY**

Ithaca, NY, USA, Cornell University Press

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



Goulson, D. 2021

**SILENT EARTH: AVERTING THE INSECT APOCALYPSE**

London, UK, Jonathan Cape

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

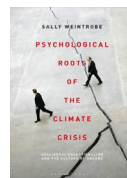


Nkrumah, B. 2021

**SEEKING THE RIGHT TO FOOD: FOOD ACTIVISM IN SOUTH AFRICA**

Cambridge, UK, Cambridge University Press

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



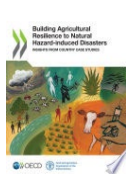
Weintrobe, S. 2021

**PSYCHOLOGICAL ROOTS OF THE CLIMATE CRISIS: NEOLIBERAL EXCEPTIONALISM AND THE CULTURE OF UNCARE**

New York, USA, Bloomsbury Academic

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

### NEW OECD PUBLICATIONS



OECD & FAO. 2021

**BUILDING AGRICULTURAL RESILIENCE TO NATURAL HAZARD-INDUCED DISASTERS: INSIGHTS FROM COUNTRY CASE STUDIES**

Paris, France, OECD



Tallard, G., OECD, Adenäuer, M., Deconinck, K. & Gouarin, G. 2022

**POTENTIAL IMPACT OF DIETARY CHANGES ON THE TRIPLE CHALLENGE FACING FOOD SYSTEMS: THE STYLISED SCENARIOS**

Paris, France, OECD



Henderson, B., OECD, Lankoski, J., Flynn, E., Sykes, A. Payen, F. & MacLeod, M. 2021

**SOIL CARBON SEQUESTRATION BY AGRICULTURE: POLICY OPTIONS**

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](https://www.webofscience.com)), 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.

Altobelli, F., Napoli, M., Benedetti, A., Vargas, R. & Corti, G. 2020. **Land set up systems and beyond: Influence of soil management on water and soil conservation sewed up to a variety of pedoclimatic environments and farming systems.** *Italian Journal of Agronomy*, 15(4): 261-261. 10.4081/ija.2020.1771. FAO authors: Vargas, R.

Anderson, C. M., Himes-Cornell, A., Pita, C., Arton, A., Favret, M., Averill, D., Stohs, S. & Longo, C. S. 2021. **Social and Economic Outcomes of Fisheries Certification: Characterizing Pathways of Change in Canned Fish Markets.** *Frontiers in Marine Science*, 8: 16. 10.3389/fmars.2021.791085. FAO authors: Himes-Cornell, A.



Caudell, M., Mangesho, P. E., Mwakapeje, E. R., Dorado-Garcia, A., Kabali, E., Price, C., OleNeselle, M., Kimani, T. & Fasina, F. O. 2022.

**Narratives of veterinary drug use in northern Tanzania and consequences for drug stewardship strategies in low-income and middle-income countries.**

*Bmj Global Health*, 7(1): 12.

10.1136/bmjgh-2021-006958.

FAO authors: Caudell, M., Mwakapeje, E. R., Dorado-Garcia, A., Kabali, E., Price, C., OleNeselle, M., Kimani, T. & Fasina, F. O.



Crippa, M., Solazzo, E., Guizzardi, D., Monforti-Ferrario, F., Tubiello, F. N. & Leip, A. 2021.

**Food systems are responsible for a third of global anthropogenic GHG emissions.**

*Nature Food*, 2(3): 198-209.

10.1038/s43016-021-00225-9.

FAO authors: Tubiello, F. N.



Croppi, S., Yu, L. N., Robinette, C. S., Hassler, E. E., Newmark, A. J., Scott, A., Cazier, J., Song, J. X. & Formato, G. 2021.

**Impact of Legislation on Antibiotic Use and Awareness of Beekeepers.**

*Journal of Apicultural Science*, 65(2)

265-277. 10.2478/jas-2021-0022.

FAO authors: Yu, L. N., Song, J. X.



Davis, B., Lipper, L. & Winters, P. 2022

**Do not transform food systems on the backs of the rural poor.**

*Food Security*: 12.

10.1007/s12571-021-01214-3.

FAO authors: Davis, B.



Elmhirst, R., Resurreccion, B. P. & Park, C. M. Y. 2021.

**Beyond the business case for gender A feminist political ecologist in the FAO.**

In: Resurreccion, B.P. & Elmhirst, R., eds. *Negotiating Gender Expertise in Environment and Development*: pp. 64-80. London, UK, Routledge

FAO authors: Park, C. M. Y.



Filipski, M., Gupta, A., Kagin, J., Husain, A., Grinspun, A., Caccavale, O. M., Daidone et al., eds. 2022.

**A local general-equilibrium emergency response modeling approach for sub-Saharan Africa.**

*Agricultural Economics*, 53(1): 72-89.

10.1111/agec.12687.

FAO authors: Grinspun, A., Daidone, S.



Gatti, R. C., Velichevksaya, A. & Simeone, L. 2021.

**Clarifying the Smokescreen of Russian Protected Areas.**

*Sustainability*, 13(24): 11.

10.3390/su132413774.

FAO authors: Simeone, L.



Gennari, P. & Kalamvrezos Navarro, D. 2022

**Strengthening Data Use to Achieve the 2030 Agenda**

In: *SDG Knowledge Hub*. Cited 4 January 2022

FAO authors: Gennari, P. & Kalamvrezos Navarro, D.



Gennari, P. & Kalamvrezos Navarro, D. 2022

**Promoting data use: a key challenge for statisticians**

In: *United Nations World Data Forum*. Cited December 16 2021

FAO authors: Gennari, P. & Kalamvrezos Navarro, D.



Gharibreza, M., Zaman, M., Arabkhedri, M. & Sobh-Zahedi, S. 2022.

**The off-site implications of deforestation on sedimentation rates and pollution in Abkenar open water (Anzali Lagoon, Caspian Sea) using radionuclide techniques and sediment quality indices.**

*International Journal of Sediment Research*, 37(3): 370-382.

10.1016/j.ijsrc.2021.08.006.

FAO authors: Zaman, M.

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Gillerot, L., Grussu, G., Condor-Golec, R., Tavani, R., Dargush, P. & Attorre, F. 2021.

**Progress on incorporating biodiversity monitoring in REDD plus through national forest inventories.**

*Global Ecology and Conservation*, 32: 12.

10.1016/j.gecco.2021.e01901.

FAO authors: Gillerot, L., Grussu, G., Condor-Golec, R., Tavani, R.



Grogan, D., Frolking, S., Wisser, D., Prusevich, A. & Glidden, S. 2022.

**Global gridded crop harvested area, production, yield, and monthly physical area data circa 2015.**

*Scientific Data*, 9(1): 16.

10.1038/s41597-021-01115-2.

FAO authors: Wisser, D.



Ha, L. T. T., Rueanghiran, C., Giang, N. T. H., Thuy, D. P., Phu, D. H., Kiet, B. T., Hien, V. B. et al. 2021.

**Antimicrobial Usage Surveillance Through Sales at Veterinary Drug Shops Intended for Livestock in Vietnam.**

*Frontiers in Sustainable Food Systems*, 5: 11.

10.3389/fsufs.2021.784500.

FAO authors: Padungtod, P.



Herrera-Catalan, P., Chasco, C. & Torero, M. 2022.

**Spatial Spillover Effects of Agricultural Transport Costs in Peru.**

*Land*, 11(1): 19.

10.3390/land11010058.

FAO authors: Torero, M



Islam, K. M. N., Sultana, A., Wadley, D., Dargusch, P., Henry, M. & Naito, Y. 2021.

**Opportunities for inclusive and efficient low carbon food system development in Bangladesh.**

*Journal of Cleaner Production*, 319: 13.

10.1016/j.jclepro.2021.128586.

FAO authors: Henry, Matieu

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Ivezic, A. & Trudic, B. 2021.

**Parasitoids of the genus *Trichogramma* (Hymenoptera: Trichogrammatidae), natural enemies of European corn borer *Ostrinia nubilalis* (Hubner, 1796) (Lepidoptera: Crambidae).**

*Journal of Central European Agriculture*, 22(4): 787-797.

10.5513/jcea01/22.4.3247.

FAO authors: Trudic, B.



Kengneson, C. C., Blanchet, R., Sanou, D., Batal, M., Phillips, K. P. & Giroux, I. 2021

**Maternal perceptions and concerns about children's weight status and diet quality: a study among Black immigrant families.**

*Public Health Nutrition*: 14.

10.1017/s1368980021004729.

FAO authors: Sanou, Dia



Khair, A., Awal, M. A., Hoque, M. N., Talukder, A. K., Das, Z. C., Rao, D. R. & Shamsuddin, M. 2021.

**Spirulina ameliorates arsenic induced reproductive toxicity in male rats.**

*Animal Reproduction*, 18(3): 19.

10.1590/1984-3143-ar2021-0035.

FAO authors: Shamsuddin, M.



Mahapatra, M., Neto, M. M., Khunti, A., Njeumi, F. & Parida, S. 2021.

**Development and Evaluation of a Nested PCR for Improved Diagnosis and Genetic Analysis of Peste des Petits Ruminants Virus (PPRV) for Future Use in Nascent PPR Eradication Programme.**

*Animals*, 11(11): 15.

10.3390/ani11113170.

FAO authors: Njeumi, F. & Parida, S.



Mahapatra, M., Pachauri, R., Subramaniam, S., Banyard, A. C., ChandraSekar, S., Ramakrishnan, M. A., Njeumi, F., Muthuchelvan, D. & Parida, S. 2021.

**Ongoing Assessment of the Molecular Evolution of Peste Des Petits Ruminants Virus Continues to Question Viral Origins.**

*Viruses-Basel*, 13(11): 11. 10.3390/v13112144.

FAO authors: Njeumi, F.



Mulumba-Mfumu, L. K., Mahapatra, M., Diallo, A., Clarke, B., Twabela, A., Matondo-Lusala, J. P., Njeumi, F. & Parida, S. 2021.

**Retrospective Characterization of Initial Peste des petits ruminants Outbreaks (2008-2012) in the Democratic Republic of the Congo.**

*Viruses-Basel*, 13(12): 14.

10.3390/v13122373

FAO authors: Njeumi, Felix; Parida, Satya



Mundigl, S., Blackburn, C., Pinak, M., Colgan, T., Clement, C., Otto, T. & Voytchev, M. et al. 2021.

**The Inter-Agency Committee on Radiation Safety-30 years of international coordination of radiation protection and safety matters.**

*Journal of Radiological Protection*, 41(4): 1381-1389.

10.1088/1361-6498/ac0b4a

FAO authors: Blackburn, Carl



Nooruzzaman, M., Akter, M. N., Begum, J. A., Begum, S., Parvin, R., Giasuddin, M. & Islam, M. R. et al. 2021.

**Molecular insights into peste des petits ruminants virus identified in Bangladesh between 2008 and 2020.**

*Infection Genetics and Evolution*, 96: 10.

10.1016/j.meegid.2021.105163.

FAO authors: Lamien, C.E., Cattoli, G., Dundon, W.G.



Oo, M. T., Aung, Z. W. & Puzzo, C.

**The floating garden agricultural system of the Inle lake (Myanmar) as an example of equilibrium between food production and biodiversity maintenance.**

*Biodiversity and Conservation*: 18. 10.1007/s10531-021-02347-9.

FAO authors: Puzzo, C.

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Ourens, R., Melnychuk, M. C., Crowder, L. B., Gutierrez, N. L., Hilborn, R., Pita, C. & Defeo, O. 2022.

**Linking small-scale fisheries performance to governance attributes: A quantitative assessment from stakeholders' perceptions in the Americas and Europe.**

*Marine Policy*, 136: 13.

10.1016/j.marpol.2021.104876.

FAO authors: Gutierrez, N. L.

[Access](#)

Pace, N., Sebastian, A., Daidone, S., Prifti, E. & Davis, B. 2022.

**Mediation analysis of the impact of the Zimbabwe Harmonized Social Cash Transfer Programme on food security and nutrition.**

*Food Policy*, 106: 17.

10.1016/j.foodpol.2021.102190.

FAO authors: Pace, N., Daidone, S., Davis, B.

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Pendell, D. L., Marsh, T. L., Ahmadi, B. V., Raboisson, D., Hogeveen, H. & Rushton, J. 2021.

**Editorial: Proceedings of the 3rd ISESSAH Conference 2019.**

*Frontiers in Veterinary Science*, 8: 3.

10.3389/fvets.2021.807796.

FAO authors: Ahmadi, B. V.



Petrescu, A. M. R. et al. 2021.

**The consolidated European synthesis of CO2 emissions and removals for the European Union and United Kingdom: 1990-2018.**

*Earth System Science Data*, 13(5): 2363-2406.

10.5194/essd-13-2363-2021.

FAO authors: Tubiello, F.N.



Petrescu, A. M. R. et al. 2021.

**The consolidated European synthesis of CH<sub>4</sub> and N<sub>2</sub>O emissions for the European Union and United Kingdom: 1990-2017.**

*Earth System Science Data*, 13(5): 2307-2362.

10.5194/essd-13-2307-2021.

FAO authors: FAO authors: Tubiello, F.N.



Pirelli, T., Chiumenti, A., Morese, M. M., Bonati, G., Fabiani, S. & Pulighe, G. 2021.

**Environmental sustainability of the biogas pathway in Italy through the methodology of the Global Bioenergy Partnership.**

*Journal of Cleaner Production*, 318: 13.

10.1016/j.jclepro.2021.128483.

FAO authors: Morese, M. M.



Pulighe, G., Bonati, G., Colangeli, M., Traverso, L., Lupia, F., Altobelli, F., Dalla Marta, A. & Napoli, M. 2020.

**Predicting Streamflow and Nutrient Loadings in a Semi-Arid Mediterranean Watershed with Ephemeral Streams Using the SWAT Model.**

*Agronomy-Basel*, 10(1): 22.

10.3390/agronomy10010002.

FAO authors: Colangeli, M., Traverso, L.



Rahman, M. A., Belgrad, J. P., Abu Sayeed, M., Abdullah, M. S., Barua, S., Chisty, N. N., Mohsin, M. A., et al. 2021

**Prevalence and risk factors of Avian Influenza Viruses among household ducks in Chattogram, Bangladesh.**

*Veterinary Research Communications*: 10.

10.1007/s11259-021-09874-4.

FAO authors: Akwar, H.

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

Redford, K. H., da Fonseca, G.A.B., Gascon, C., Rodriguez, C.M., Adams, J., Andelman, S. Barron, D.H., Batmanian, G. et al. 2022

**Healthy planet healthy people**

*Conservation Letters*: 7. 10.1111/conl.12864.

FAO authors: Griffin, Jeffrey



Retkute, R., Hinton, R. G. K., Cressman, K. & Gilligan, C. A. 2021.  
**Regional Differences in Control Operations during the 2019-2021 Desert Locust Upsurge.**

*Agronomy-Basel*, 11(12): 11.

10.3390/agronomy11122529.

FAO authors: Cressman, Keith



Rozendaal, D. M. A., Suarez, D.R., De Sy, V., Avitabile, V., Carter, S., Yao, C.Y.A., 6Alvarez-Davila, E. et al. 2022.

**Aboveground forest biomass varies across continents, ecological zones and successional stages: refined IPCC default values for tropical and subtropical forests.**

*Environmental Research Letters*, 17(1): 14.

10.1088/1748-9326/ac45b3.

FAO authors: Branthomme, A., Fox, J., Gamarra, J.G.P.



S, R. G., Maingi, N., Githigia, S., Gasana, M., Odhiambo, P. L., Gertange, D. K., Habimana, R. et al. 2021.

**Occurrence, diversity and distribution of Trypanosoma infections in cattle around the Akagera National Park, Rwanda.**

*Plos Neglected Tropical Diseases*, 15(12): 26.

10.1371/journal.pntd.0009929.

FAO authors: Cecchi, Giuliano



Selvaraj, M., Mahapatra, M. & Parida, S. 2021.

**Exchange of C-Terminal Variable Sequences within Morbillivirus Nucleocapsid Protein Are Tolerated: Development and Evaluation of Two Marker (DIVA) Vaccines (Sungri/96 DIVA, Nigeria/75/1 DIVA) against PPR.**

*Viruses-Basel*, 13(11): 20.

10.3390/v13112320.

FAO authors: Parida, Satya



Smith, P., Arneeth, A., Barnes, D. K. A., Ichii, K., Marquet, P. A., Popp, A., Portner, H. O. et al. 2022

**How do we best synergize climate mitigation actions to co-benefit biodiversity?**

*Global Change Biology*: 23.

10.1111/gcb.16056.

FAO authors: Ngo, H.

[Access](#)

Subedi, I. P., Budha, P. B., Kunwar, R. M., Charmakar, S., Ulak, S., Pradhan, D. K., Pokharel et al. 2021.

**Diversity and Distribution of Forest Ants (Hymenoptera: Formicidae) in Nepal: Implications for Sustainable Forest Management.**

*Insects*, 12(12): 14.

10.3390/insects12121128.

FAO authors: Kunwar, R.M.



Teneva, L., Strong, A. L., Agostini, V., Bagstad, K. J., Drakou, E. G., Ancona, Z., Gjerde, K., Hume, A. C. & Jickling, N. 2022.

**Estimating the pelagic ocean's benefits to humanity can enhance Ocean governance.**

*Marine Policy*, 136: 6.

10.1016/j.marpol.2021.104906.

FAO authors: Agostini, V.

[Access](#)

Trudic, B., Draskic, G., Le Provost, G., Stojnic, S., Pilipovic, A. & Ivezic, A. 2021.

**Expression profiles of 11 candidate genes involved in drought tolerance of pedunculate oak (Quercus robur L.).**

*Possibilities for genetic monitoring of the species. Silvae Genetica*, 70(1): 226-234.

10.2478/sg-2021-0020.

FAO authors: Trudic, B.



Voupawoe, G., Varkpeh, R., Kamara, V., Sieh, S., Traore, A., De Battisti, C., Angot, A. et al. 2021

**Rabies control in Liberia: Joint efforts towards zero by 30.**

*Acta Tropica*, 216: 10.

10.1016/j.actatropica.2020.105787.

FAO authors: De Battisti, C., Angot, A.



Wallace, R. M., Cliquet, F., Fehlner-Gardiner, C., Fooks, A. R., Sabeta, C. T., Setien, A. A., Tu, C. C. et al. 2021.

**Role of Oral Rabies Vaccines in the Elimination of Dog-Mediated Human Rabies Deaths.**

*Emerging Infectious Diseases*, 26(12): E1-E9.

10.3201/eid2612.201266.

FAO authors: Shadomy, S.V.



Xiao, T. Y., Oppenheimer, M., He, X. G. & Mastrorillo, M. 2022

**Complex climate and network effects on internal migration in South Africa revealed by a network model.**

*Population and Environment*: 30. 10.1007/s11111-021-00392-8.

FAO authors: Mastrorillo, M.



#### Are you planning to publish an article?

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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 : [January 2022 \(Issue #55\)](#)

French: [Janvier 2022 \(Numéro 8\)](#)