



NEWS

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NEW BOOKS

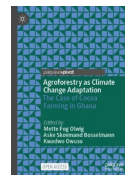
E-BOOKS



Popkova, E.G., Sergi, B.S., Bogoviz, A.V., Semenova, E.I. 2023.

[DIGITAL AGRICULTURE FOR FOOD SECURITY AND SUSTAINABLE DEVELOPMENT OF THE AGRO-INDUSTRIAL COMPLEX.](#)

Cham, Switzerland, Springer.



Olwig, M.F., Bosselmann, A.S., Owusu, K. 2024.

[AGROFORESTRY AS CLIMATE CHANGE ADAPTATION: THE CASE OF COCOA FARMING IN GHANA.](#)

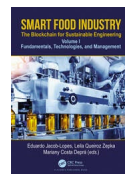
Cham, Switzerland, Palgrave Macmillan.



Srinivasan, S. 2023.

[BECOMING A YOUNG FARMER: YOUNG PEOPLE'S PATHWAYS INTO FARMING: CANADA, CHINA, INDIA AND INDONESIA.](#)

Cham, Switzerland, Springer.



Lopes, E.J., Queiroz Zepka, L., Costa Deprá, M. 2023.

[SMART FOOD INDUSTRY: THE BLOCKCHAIN FOR SUSTAINABLE ENGINEERING: FUNDAMENTALS, TECHNOLOGIES, AND MANAGEMENT, VOL. 1.](#)

Boca Raton, USA, CRC Press.



Brighton, N., Tanyaradzwa, R., eds. 2023.

[SUSTAINABLE AGRICULTURAL MARKETING AND AGRIBUSINESS DEVELOPMENT: AN AFRICAN PERSPECTIVE.](#)

Wallingford, UK, CABI.



Mondal, S., Kumar, A., Kumar Pachauri, R., Kumar Mondal, A., Kumar Singh, V., Kumar Sharma, A., eds. 2024.

[CLEAN AND RENEWABLE ENERGY PRODUCTION.](#)

Wiley-Scrivener.



Abdel-Basset, M., Hawash, H., Abdel-Fatah, L. 2024.

[ARTIFICIAL INTELLIGENCE AND INTERNET OF THINGS IN SMART FARMING.](#)

Boca Raton, USA, CRC Press.



Singh, K., Cezar Ribeiro, M., Calicioglu, O., eds. 2023.

[BIODIVERSITY AND BIOECONOMY: STATUS QUO, CHALLENGES, AND OPPORTUNITIES.](#)

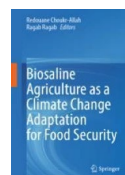
Amsterdam, Netherlands, Elsevier.



Khatri, N. Kumar Vyas, A., Iwendi, C., Chatterjee, P., eds. 2024.

[PRECISION AGRICULTURE FOR SUSTAINABILITY: USE OF SMART SENSORS, ACTUATORS, AND DECISION SUPPORT SYSTEMS.](#)

Toronto, Canada, Apple Academic Press.



Choukr-Allah, R., Ragab, R. 2023.

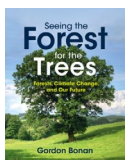
[BIOSALINE AGRICULTURE AS A CLIMATE CHANGE ADAPTATION FOR FOOD SECURITY.](#)

Cham, Switzerland, Springer.

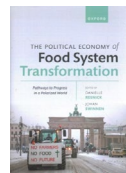
NEW RESOURCES

PRINT PUBLICATIONS

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Bonan, G. 2023.
[SEEING THE FOREST FOR THE TREES: FORESTS, CLIMATE CHANGE, AND OUR FUTURE.](#)
 Cambridge, UK, Cambridge University Press.



Resnick, D. 2023.
[THE POLITICAL ECONOMY OF FOOD SYSTEM TRANSFORMATION: PATHWAYS TO PROGRESS IN A POLARIZED WORLD.](#)
 Oxford, UK, Oxford University Press.



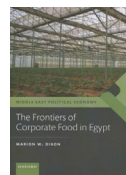
Paarlberg, R. 2023.
[FOOD POLITICS: WHAT EVERYONE NEEDS TO KNOW.](#)
 New York, USA, Oxford University Press.



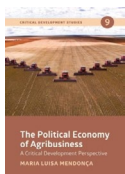
Lamb, B. 2023.
[LOVE FOR THE LAND: LESSONS FROM FARMERS WHO PERSIST IN PLACE.](#)
 New Haven, USA, Yale University Press.



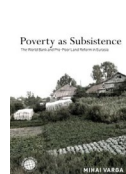
Sedlak, D. 2023.
[WATER FOR ALL: GLOBAL SOLUTIONS FOR A CHANGING CLIMATE.](#)
 New Haven, USA, Yale University Press.




Dixon, M.W. 2023.
[THE FRONTIERS OF CORPORATE FOOD IN EGYPT](#)
 Oxford, UK, Oxford University Press.



Mendonça, M.L. 2023.
[THE POLITICAL ECONOMY OF AGRIBUSINESS: A CRITICAL DEVELOPMENT PERSPECTIVE.](#)
 Halifax, Canada, Fernwood Publishing.



Varga, M. 2023.
[POVERTY AS SUBSISTENCE: THE WORLD BANK AND PRO-POOR LAND REFORM IN EURASIA.](#)
 Stanford, USA, Stanford University Press.



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JOURNAL ARTICLES BY FAO AUTHORS

The following list provides an overview of the latest **journal articles** and some other document types (editorial material, letters, book chapters and conference proceedings) **(co)written 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* (2022) is used as the citation style.

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Anahory Monjane, I.V., Djedje, H., Tamele, E., Nhabomba, V., Rogério Tivane, A., Massicame, Z.E., Mudanisse Arone, D., Pastori, A., Bortolami, A., Monne, I., Woma, T., Lamien, C.E., Dundon, W.G. 2023. **H7N6 highly pathogenic avian influenza in Mozambique**. *Emerging Microbes & Infections*, 13:1. <https://doi.org/10.1080/22221751.2024.2321993>.
FAO authors: Woma, T., Lamien, C.E., Dundon, W.

Bicksler, A.J., Mottet, A., Lucantoni, D., Sy, M.R., Barrios, E. 2023. **The 10 Elements of Agroecology interconnected: Making them operational in FAO's work on agroecology**. *Elementa-Science of the Anthropocene*, 11(1): 21. <https://doi.org/10.1525/elementa.2022.00041>
FAO authors: Bicksler, A.J., Mottet, A., Lucantoni, D., Sy, M.R., Barrios, E.

Bitoun, R.E., Leopold, M., Razanakoto, T., Randrianandrasana, R., Akintola, S.L., Bach, P., Fondo, E.N. et al. 2024. **A methodological framework for capturing marine small-scale fisheries' contributions to the sustainable development goals**. *Sustainability Science*: 19. <https://doi.org/10.1007/s11625-024-01470-0>
FAO author: Franz, N.

Burton, G., Gori, B., Camara, S., Ceci, P., Conde, N., Couch, C., Magassouba, S., Vorontsova, M.S., Ulian, T., Ryan, P. 2024. **Landrace diversity and heritage of the indigenous millet crop fonio (*Digitaria exilis*): Socio-cultural and climatic drivers of change in the Fouta Djallon region of Guinea**. *Plants People Planet*: 15. <https://doi.org/10.1002/ppp3.10490>
FAO author: Ceci, P.

Chadborn, T., Williams, S., Jorgensen, T., Price, C., Buckel, A., Altieri, E. 2023. **An approach for embedding behavioural science in antimicrobial resistance One Health research**. *Journal of Infection and Public Health*, 16: 134-140. <https://doi.org/10.1016/j.jiph.2023.11.001>
FAO authors: Price, C., Buckel, A.

Chen, R.Q., Sun, L., Chen, Z.X., Wuyun, D.J., Sun, Z. 2024. **Early Identification of Corn and Soybean Using Crop Growth Curve Matching Method**. *Agronomy-Basel*, 14(1): 17. <https://doi.org/10.3390/agronomy14010146>
FAO author: Zhongxin Chen

García, K.M.G., Apolloni, A., Giacomini, A., Ciss, M., Fall, M., Gaye, A.M., Arsevska, E. et al. 2023. **Environmental and economic determinants of temporal dynamics of the ruminant movement network of Senegal**. *Scientific Reports*, 13(1): 16. <https://doi.org/10.1038/s41598-023-40715-3>
FAO authors: Chevanne, E., Rosso, F., Seck, I.

Gilman, E., Chaloupka, M., Taylor, N., Nelson, L., Friedman, K., Murua, H. 2024. **Global governance guard rails for sharks: Progress towards implementing the United Nations international plan of action**. *Fish and Fisheries*, 25(1): 1-17. <https://doi.org/10.1111/faf.12788>
FAO author: Friedman, K.

Gilson, F., Rodrigues, L.A., New, M.B., Bueno, G.W., Valenti, W.C. 2024. **A description of the culture of tambatinga (*Colossoma macropomum* x *Piaractus brachypomus*) in a South American tropical region and the interaction of farm size with value chains**. *Aquaculture Reports*, 34: 16. <https://doi.org/10.1016/j.aqrep.2023.101888>
FAO author: New, M.B.

Henríquez, A.M., Tejedor-Junco, M.T., González-Martín, M., Doreste, M.M., Martel, S.M., Paone, M., Cecchi, G., Corbera, J.A. 2024. **An Atlas of Surra in Spain: A Tool to Support Epidemiological Investigations and Disease Control**. *Animals*, 14(2): 13. <https://doi.org/10.3390/ani14020243>
FAO authors: Paone, M., Cecchi, G.

NEW RESOURCES

Ickowicz, A., Hubert, B., Blanchard, M., Blanfort, V., Cesaro, J.D., Diaw, A., Lasseur, J. et al. 2023. **Multifunctionality and diversity of livestock grazing systems for sustainable food systems throughout the world: Are there learning opportunities for Europe?** *Fourrages*, (253): 31-46.

<https://doi.org/10.1111/gfs.12588>

FAO authors: Ickowicz, A., Hubert, B., Blanchard, M., Blanfort, V., Cesaro, J.D., Diaw, A., Lasseur, J., Le Thi Thanh Huyen, Li Li, Martins Mauricio, R., Cangussu, M., Müller, J.P., Quiroga Mendiola, M., Ulambayar, T., Wedderburn, L.

Kavi, F.K., Attipoe, S.G., Kyere, K., Agbosu, W.K., Offei, M.K. 2023. **Effects of Production Parameters on Rice Output in the Ketu North District of the Volta Region, Ghana.** *Scientific Papers-Series Management Economic Engineering in Agriculture and Rural Development*, 23(3): 439-448.

https://managementjournal.usamv.ro/pdf/vol.23_3/volume_23_3_2023.pdf

FAO author: Offei, M.K.

Larson, L.M., Thomas, T., Kurpad, A., Martorell, R., Hodidinott, J., Adebisi, V.O., Swaminathan, S., Neufeld, L.M. 2024. **Predictors of anaemia in mothers and children in Uttar Pradesh, India.** *Public Health Nutrition*, 27(1): 14.

<https://doi.org/10.1017/s1368980024000028>

FAO author: Neufeld, L.M.

Lynam, J., Zandstra, M.M., Byerlee, D. 2024. **The search for new models for organizing regional agricultural research in the post-colonial era: Rice in West Africa.** *History and Technology*: 24.

<https://doi.org/10.1080/07341512.2024.2304922>

FAO author: Zandstra, M.M.

Mo, L.D., Zohner, C.M., Reich, P.B., Liang, J.J., de Miguel, S., Nabuurs, G.J., Renner, S.S. et al. 2023. **Integrated global assessment of the natural forest carbon potential.** *Nature*: 16.

<https://doi.org/10.1038/s41586-023-06723-z>

FAO authors: Gamarra, J.G.P.

Molini, U., Coetzee, L.M., Hemberger, M.Y., Chiwome, B., Khaiseb, S., Dundon, W.G., Franzo, G. 2024. **First detection and molecular characterization of porcine reproductive and respiratory syndrome virus in Namibia, Africa.** *Frontiers in Veterinary Science*, 10: 7.

<https://doi.org/10.3389/fvets.2023.1323974>

FAO author: Dundon, W.G.

Mottet, A., Teillard, F., Özkan, S. 2024. **Investing in low-emission and resilient livestock production: the why and how.** *Nutrient Cycling in Agroecosystems*: 9.

<https://doi.org/10.1007/s10705-023-10319-4>

FAO authors: Mottet, A., Teillard, F., Özkan, S.

Mu, W.J., Kleter, G.A., Bouzembrak, Y., Dupouy, E., Frewer, L.J., Al Natour, F.N.R., Marvin, H.J.P. 2024. **Making food systems more resilient to food safety risks by including artificial intelligence, big data, and internet of things into food safety early warning and emerging risk identification tools.** *Comprehensive Reviews in Food Science and Food Safety*, 23(1): 1-18.

<https://doi.org/10.1111/1541-4337.13296>

FAO author: Dupouy, E.

Pèk, È., Ferto, I., Giusti, S., Salman, M. 2024. **Combined Systematic Review and Meta-Analysis of Ground-Level Impacts of Management Transfer to Poor Farmers in Developing Countries.** *Water Resources Management*: 16.

<https://doi.org/10.1007/s11269-024-03763-6>

FAO authors: Pèk, È., Giusti, S., Salman, M.

Rahman, M.S., Ferdous, J., Mumu, N.J., Kamruzzaman, M., Eckhardt, C., Zaman, M., Mjller, C. & Jahangir, M.M.R. 2024. **Crop residues integration with nitrogen rates reduces yield-scaled nitrous oxide emissions and improves maize yield and soil quality.** *Journal of Integrative Environmental Sciences*, 21(1): 19.

<https://doi.org/10.1080/1943815x.2024.2310856>

FAO author: Zaman, M.

Swelam, A., Emara, A. & Fouda, T. 2023. **Development of Raisedbed Machine for Small-Scale Farmers to Improve Water Uses Efficiency in Irrigated Ecosystems.** *Scientific Papers-Series Management Economic Engineering in Agriculture and Rural Development*, 23(4): 815-832.

https://managementjournal.usamv.ro/pdf/vol.23_4/Art82.pdf

FAO author: Swelam, A.

Whitmee, S., Green, R., Belesova, K., Hassan, S., Cuevas, S., Murage, P., Picetti, R. et al. 2024. **Pathways to a healthy net-zero future: report of the Lancet Pathfinder Commission.** *Lancet*, 403(10421): 67-110.

[https://doi.org/10.1016/s0140-6736\(23\)02466-2](https://doi.org/10.1016/s0140-6736(23)02466-2)

FAO author: de Paula, N.

Wibowo, A., Haryono, H., Kurniawan, K., Prakoso, V.A., Dahruddin, H., Surbani, I.L., Muslimin, B. et al. 2024. **Genetic and morphological evidence of a single species of bronze featherback (Notopterus notopterus) in Sundaland.** *Global Ecology and Conservation*, 49: 14.

<https://doi.org/10.1016/j.gecco.2023.e02786>

FAO author: Funge-Smith, S.

Yanai, R.D., Drake, J.E., Buckley, H.L., Case, B.S., Lilly, P.J., Woollons, R.C. & Gamarra, J.G.P. 2024. **Propagating Uncertainty in Predicting Individuals and Means Illustrated with Foliar Chemistry and Forest Biomass.** *Ecosystems*: 15.

<https://doi.org/10.1007/s10021-023-00886-6>

FAO authors: Gamarra, J.G.P.

FAO PUBLICATIONS UPDATE

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

English: [January \(Issue 77\)](#)

Français: [Janvier \(Numéro 31\)](#)