



NEWS

NSL Book Club Invitation: A Special, Interactive Tour of FAO Library!



Please join the **Book Club of the Land and Water Division (NSL)** as they celebrate their 1st Anniversary with a Special Tour of FAO Library! This will include access to some of the most secluded areas of the library where valuable historical collections are preserved. Welcoming remarks by NSL Director Lifeng Li.

When: Wednesday 15 December @2-3pm
Zoom Meeting ID: 930 2394 1062
Passcode: 04558235

Closing this Year's Chapter at the Library: Some Numbers

Journal Articles by FAO Authors

To wrap up the year, we would like to share some Library data with you. As of December 1st, authors affiliated with FAO published **248 articles** in peer-reviewed high-impact journals in 2021. **65%** of these are **Open Access**. Data on these journal articles were extracted from the [Web of Science](#).

Top 10 High-Impact Journals

The following journals published the most FAO-affiliated articles this past year and are accessible in full text. In total FAO authors published in over 150 different journals.

- [1 TRANSBOUNDARY AND EMERGING DISEASES](#)
- [2 SUSTAINABILITY](#)
- [3 FOOD POLICY](#)
- [4 NATURE FOOD](#)
- [5 ENVIRONMENTAL RESEARCH LETTERS](#)
- [6 FRONTIERS IN VETERINARY SCIENCE](#)
- [7 GLOBAL FOOD SECURITY](#)
- [8 PEDOSPHERE](#)
- [9 PLOS ONE](#)
- [10 PREVENTIVE VETERINARY MEDICINE](#)

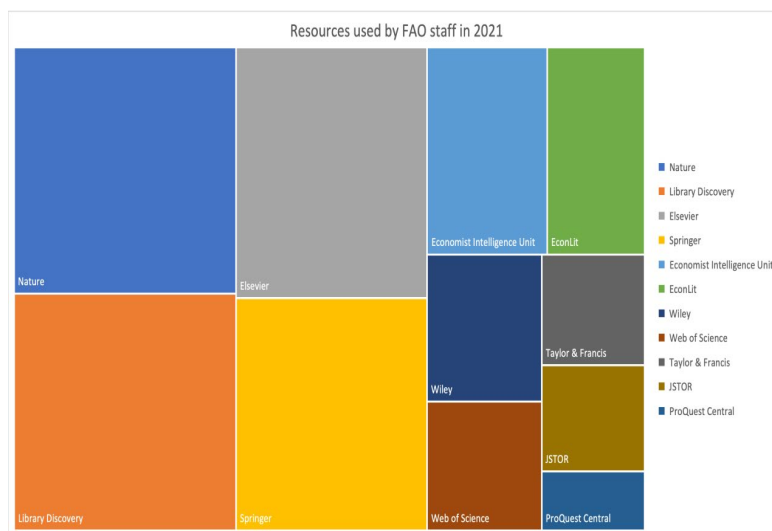
Top 10 Research Categories

Web of Science assigns subject categories to every article indexed in their database. FAO-affiliated articles appeared in the following Web of Science categories most often.



Literature Downloads & Research Queries

In 2021, FAO staff downloaded **526,542 publications** and launched **89,684 research queries**.

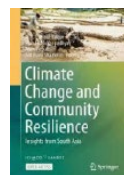


NEW E-BOOKS

HIGHLIGHTS



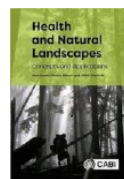
Badwaik, L.S. et al., eds. 2022
[FOOD LOSS AND WASTE REDUCTION: TECHNICAL SOLUTIONS FOR CLEANER PRODUCTION](#)
 Apple Academic Press, Palm Bay, FL, USA



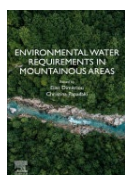
Enamul Haque, A.K. et al., eds. 2022
[CLIMATE CHANGE AND COMMUNITY RESILIENCE: INSIGHTS FROM SOUTH ASIA](#)
 Singapore, Singapore, Springer Nature



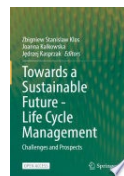
Carolan, M., ed. 2022
[THE SOCIOLOGY OF FOOD AND AGRICULTURE](#)
 Abingdon, UK, Routledge



Ewert, A.W., Mitten, D.S. & Overholt, J.R. 2021
[HEALTH AND NATURAL LANDSCAPES: CONCEPTS AND APPLICATIONS](#)
 Wallingford, UK, CABI



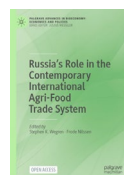
Dimitriou, E. & Papadaki, C, eds. 2021
[ENVIRONMENTAL WATER REQUIREMENTS IN MOUNTAINOUS AREAS](#)
 Amsterdam, Netherlands, Elsevier



Klos, Z.S. et al., eds. 2022
[TOWARDS A SUSTAINABLE FUTURE: LIFE CYCLE MANAGEMENT. CHALLENGES AND PROSPECTS](#)
 Cham, Switzerland, Springer Nature



Eastin, J. & Dupuy, K., eds. 2021
[GENDER, CLIMATE CHANGE AND LIVELIHOODS: VULNERABILITIES AND ADAPTATIONS](#)
 Boston, MA, USA, CABI



Wegren, S.K. & Nilssen, F., eds. 2022
[RUSSIA'S ROLE IN THE CONTEMPORARY INTERNATIONAL AGRI-FOOD TRADE SYSTEM](#)
 Cham, Switzerland, Palgrave Macmillan

NEW OECD



OECD 2021
CARBON LEAKAGE AND AGRICULTURE: A LITERATURE REVIEW ON EMISSIONS MITIGATION POLICIES

Paris, France, OECD



OECD 2021
OECD SCIENCE, TECHNOLOGY AND INNOVATION OUTLOOK: TIMES OF CRISIS AND OPPORTUNITY

Paris, France, OECD



OECD 2021
ENHANCING THE EFFECTIVENESS OF SUB-NATIONAL BIODIVERSITY POLICY: PRACTICES IN FRANCE AND SCOTLAND, UNITED KINGDOM

Paris, France, OECD



OECD 2021
GLOBAL ASSESSMENT OF THE CARBON LEAKAGE IMPLICATIONS OF CARBON TAXES ON AGRICULTURAL EMISSIONS

Paris, France, OECD



OECD 2021
INTEGRATING ENVIRONMENTAL AND CLIMATE ACTION INTO DEVELOPMENT CO-OPERATION

Paris, France, OECD



ARTICLES BY FAO AUTHORS

An overview of the latest journal articles and 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 published periodically.

Marine species conservation at CITES: How does media coverage inform or misinform?

MARINE POLICY Volume 134 Article Number 104813

DOI 10.1016/j.marpol.2021.104813

Published DEC 2021

FAO authors: Friedman, K.J.

[Access](#)

Statistical methods for comparing test positivity rates between countries: Which method should be used and why?

METHODS Volume 195 Page 72-76 Special Issue SI

DOI 10.1016/j.ymeth.2021.03.010

Published NOV 2021

FAO authors: Fasina, F.O.

[Access](#)

Leveraging the Scaling Up Nutrition Movement to Operationalize Stunting Prevention Activities: Implementation Lessons From Rural Malawi

FOOD AND NUTRITION BULLETIN Article No. 03795721211046140

DOI 10.1177/03795721211046140

Early Access NOV 2021

FAO authors: Farhikhtah, A.; Aburto, N.J.

Access: fao-library-loans@fao.org

Diversification for enhanced food systems resilience

NATURE FOOD Volume2 Issue11 Page 832-834

DOI 10.1038/s43016-021-00403-9

Published: NOV 2021

FAO authors: Elouafi, I.



Rethinking hierarchies of evidence for sustainable food systems

NATURE FOOD Volume 2 Issue11 Page 843-845

DOI 10.1038/s43016-021-00388-5

Published NOV 2021

FAO authors: Milbank, C.; Brunel, A.; Fernandez de Larrinoa, Y.

[Access](#)

Medium- (MR) and Very-High-Resolution (VHR) Image Integration through Collect Earth for Monitoring Forests and Land-Use Changes: Global Forest Survey (GFS) in the Temperate FAO Ecozone in Europe (2000-2015)

REMOTE SENSING Volume 13 Issue 21 Article Number 4344

DOI 10.3390/rs13214344

Published NOV 2021

FAO authors: Sanchez-Paus Diaz, A.; Patriarca, C.; Mollicone, D.



The impact of COVID-19 on Spanish-based NGOs and its users, people living with HIV (PLHIV), during the lockdown
HIV MEDICINE Volume 22 Page 47-48 Supplement 3 Special Issue SI Meeting Abstract BPD3/7
Published OCT 2021
FAO authors: Varela, I.
Access: fao-library-loans@fao.org

Drosophila suzukii (Diptera: Drosophilidae): A Decade of Research Towards a Sustainable Integrated Pest Management Program
JOURNAL OF ECONOMIC ENTOMOLOGY Vol 114/5 Page 1950-1974
DOI 10.1093/jee/toab158
Published OCT 2021
FAO authors: Sassu, Fabiana
Access: fao-library-loans@fao.org

Longitudinal Analysis of Influenza A(H5) Sero-Surveillance in Myanmar Ducks, 2006-2019
MICROORGANISMS Volume 9 Issue 10 Article Number 2114
DOI 10.3390/microorganisms9102114
Published: OCT 2021
FAO authors: Hadrill, David; Brioudes, Aurelie; Mon, Cho Cho Su; Sims, Leslie; Mok, Wing Sum; Kyin, Maung Maung



Longitudinal and abattoir-based surveillance of MERS-CoV in camels in Jordan, 2018-2020
HELIYON Volume 7 Issue 10 Article Number e08166
DOI 10.1016/j.heliyon.2021.e08166
Published OCT 2021
FAO authors: Ramadneh, Wafaa A.



Evolutionary and Ecological Drivers Shape the Emergence and Extinction of Foot-and-Mouth Disease Virus Lineages
MOLECULAR BIOLOGY AND EVOLUTION Volume 38 Issue 10 Page 4346-4361
DOI 10.1093/molbev/msab172
Published OCT 2021
FAO authors: Afzal, Muhammad; Hussain, Manzoor;



Global mapping of crop-specific emission factors highlights hotspots of nitrous oxide mitigation
NATURE FOOD
DOI 10.1038/s43016-021-00384-9
Early Access OCT 2021
FAO authors: Tubiello, Francesco N.
[Access](#)

Review: Vaccines and Vaccination against Lumpy Skin Disease
VACCINES Volume 9 Issue 10 Article Number 1136
DOI 10.3390/vaccines9101136
Published OCT 2021
FAO authors: Beltran-Alcrudo, Daniel



Complete Genome Sequencing of Field Isolates of Peste des Petits Ruminants Virus from Tanzania Revealed a High Nucleotide Identity with Lineage III PPR Viruses
ANIMALS Volume 11 Issue 10
Article Number 2976
DOI 10.3390/ani11102976
Published OCT 2021
FAO authors: Njeumi, Felix; Parida, Satya



Human Infection with Avian Influenza A(H9N2) Virus, Cambodia, February 2021
EMERGING INFECTIOUS DISEASES Volume 27 Issue 10 Page 2742-2745
DOI 10.3201/eid2710.211039
Published OCT 2021
FAO authors: Hak, Makara



The global cost of reaching a world without hunger: Investment costs and policy action opportunities
FOOD POLICY Volume 104 Article Number 102151
DOI 10.1016/j.foodpol.2021.102151
Published OCT 2021
FAO authors: Torero, Maximo



Sequence Characterization of Forebrain Embryonic Zinc Finger-like (FEZL) Gene in Indian Zebu (Bos indicus) Cattle and their Cross-breeds
INDIAN JOURNAL OF ANIMAL RESEARCH Volume 55 Issue 10 Page 1150-1156
DOI 10.18805/IJAR.B-4166
Published OCT 2021
FAO authors: Periasamy, Kathiravan
Access: fao-library-loans@fao.org

An Assessment of the Economic Impacts of the 2019 African Swine Fever Outbreaks in Vietnam
FRONTIERS IN VETERINARY SCIENCE Volume 8 Article Number 686038
DOI 10.3389/fvets.2021.686038
Published OCT 25 2021
FAO authors: Padungtod, Pawin



Socio-economic impacts derived from large scale restoration in three Great Green Wall countries
JOURNAL OF RURAL STUDIES Volume 87 Page 160-168
DOI 10.1016/j.jrurstud.2021.09.021
Published OCT 2021
FAO authors: Sacande, Moctar; Parfondry, Marc; Garba, Assoumane; Olorunfemi, Peter S.; Diagne, Marieme; Martucci, Antonio
[Access](#)

Mitochondrial superoxide dismutase overexpression and low oxygen conditioning hormesis improve the performance of irradiated sterile males

SCIENTIFIC REPORTS Volume 11 Issue 1 Article Number 20182

DOI 10.1038/s41598-021-99594-1

Published OCT 12 2021

FAO authors: Dias, Vanessa S.; Caceres, Carlos; Parker, Andrew G.; Pereira, Rui; Demirbas-Uzel, Gueler; Abd-Alla, Adly M. M.



Risk Assessment of Polycyclic Aromatic Hydrocarbons (PAHs) in Smoked sardinella SP. in Ghana: Impact of an Improved Oven on Public Health Protection

RISK ANALYSIS

DOI 10.1111/risa.13836

Early Access OCT 2021

FAO authors: Gamarro, Esther Garrido; Ouadi, Yvette Diei

[Access](#)

A standard framework for assessing the costs and benefits of restoration: introducing The Economics of Ecosystem Restoration

RESTORATION ECOLOGY Article Number e13515

DOI 10.1111/rec.13515

Early Access OCT 2021

FAO authors: Bodin, Blaise; Garavaglia, Valentina; D'Andrea, Sara; Besacier, Christophe



Forest and landscape restoration monitoring frameworks: how principled are they?

RESTORATION ECOLOGY Article Number 13572

DOI 10.1111/rec.13572

Early Access OCT 2021

FAO authors: Bodin, Blaise



Multisectoral cost analysis of a human and livestock anthrax outbreak in Songwe Region, Tanzania (December 2018-January 2019), using a novel Outbreak Costing Tool

ONE HEALTH Volume 13 Article Number 100259

DOI 10.1016/j.onehlt.2021.100259

Published DEC 2021

FAO authors: Bodenham, Rebecca F.; Mtui-Malamsha, Niwael; Mwakapeje, Elibariki



High real-time reporting of domestic and wild animal diseases following rollout of mobile phone reporting system in Kenya

PLOS ONE Volume 16 Issue 9

Article Number e0244119

DOI 10.1371/journal.pone.0244119

Published SEP 3 2021

FAO authors: Sitawa, Rinah; Apamaku, Michael



Validation of stock assessment methods: is it me or my model talking?

ICES JOURNAL OF MARINE SCIENCE Vol 78 Issue 6 Page 2244-2255

DOI 10.1093/icesjms/fsab104

Published SEP 2021

FAO authors: Sharma, Rishi



Epidemic disease risks and implications for Veterinary Services

REVUE SCIENTIFIQUE ET TECHNIQUE-OFFICE INTERNATIONAL DES

EPIZOOTIES Volume 40 Issue 2 Page 497-509

DOI 10.20506/rst.40.2.3240

Published AUG 2021

FAO authors: Beltran-Alcrudo, D.; Plee, L.; Dhingra, M.S.



Global Burden of Animal Diseases: a novel approach to understanding and managing disease in livestock and aquaculture

REVUE SCIENTIFIQUE ET TECHNIQUE-OFFICE INTERNATIONAL DES

EPIZOOTIES Volume 40 Issue 2 Page 567-583

DOI 10.20506/rst.40.2.3246

Published AUG 2021

FAO authors: Bondad-Reantaso, M.



Digital technologies and implications for Veterinary Services

REVUE SCIENTIFIQUE ET TECHNIQUE-OFFICE INTERNATIONAL DES

EPIZOOTIES Volume 40 Issue 2 Page 455-468

DOI 10.20506/rst.40.2.3237

Published AUG 2021

FAO authors: El Idrissi, A. H.; Dhingra, M.; Larfaoui, F.; Sumption, K.



Aflatoxin contamination in Tanzania: quantifying the problem in maize and groundnuts from rural households

WORLD MYCOTOXIN JOURNAL Volume 14 Issue 4 Page 553-564

DOI 10.3920/WMJ2020.2646

Published 2021

FAO authors: Beed, Fenton



Do contrasting patterns of migration movements and disease outbreaks between congeneric waterfowl species reflect differing immunity?

GEOSPATIAL HEALTH Volume 16 Issue 1 Page 223-230 Article Number 909

DOI 10.4081/gh.2021.909

Published 2021

FAO authors: Newman, Scott H.



Review of critical factors affecting analytical characteristics of serological and molecular assays

REVUE SCIENTIFIQUE ET TECHNIQUE-OFFICE INTERNATIONAL DES

EPIZOOTIES Volume 40 Issue 1 Page 53-73

DOI 10.20506/rst.40.1.3208

Published APR 2021

FAO authors: Wang, J.

Access: fao-library-loans@fao.org

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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 : [November 2021](#)

French: [Novembre 2021](#)

We wish you a good break to rest & read!

The FAO Library Team

