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Environmental consequences for the world of Russia's war against Ukraine

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Краткое описание

War has serious consequences for the environment and human health. As these impacts can be long-term and irreversible, it is important to understand how they affect ecosystems and how they can be mitigated or avoided in the future. The research serves as a basis for reconstruction planning in war-affected areas, including the restoration of ecosystems and natural resources. The practical component of the research is determined by its contribution to understanding the extent of environmental problems caused by the war and developing effective measures to address them. © 2024 Informa UK Limited, trading as Taylor & Francis Group.

Ключевые слова автора

climate; diseases; Ecosystem; military; pollution; terrorism

Включенные в указатель ключевые слова

Неконтролируемые термины инженерии
Affected area; Climate; Effective measures; Environmental consequences; Environmental problems; Human health; Military; Ukraine

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Ecosystems

Темы SciVal

Темы SciVal для этого документа не найдены.

Пристатейные ссылки (31)

1 Nijamir, K.
The landmines-resulted environmental consequences: A review based on post-war scenario, Sri Lanka
(2022) *INSS Defence Review*, 5, pp. 45-56.

2 Panel, S., Pietri, A.
God did not save the kings: Environmental consequences of the 1982 Falklands War
(2022) *Ecological Economics*, 201, art. no. 107580. Цитировано 2 раз.
www.elsevier.com/inca/publications/store/5/0/3/3/0/5
doi: 10.1016/j.ecolecon.2022.107580
View at Publisher

3 Strokal, V., Kovpak, A.
Military conflicts and water: Consequences and risks
(2022) *Scientific and Practical Journal Ecological Sciences*, 5 (44), pp. 94-102. Цитировано 2 раз.
–, (in Ukrainian

4 Schillinger, J., Özerol, G., Güven-Griemert, Ş., Heldeweg, M.
Water in war: Understanding the impacts of armed conflict on water resources and their management
(2020) *Wiley Interdisciplinary Reviews: Water*, 7 (6), art. no. e1480. Цитировано 33 раз.
http://wires.wiley.com/WileyCDA/WiresJournal/wisId-WAT2.html
doi: 10.1002/wat2.1480
View at Publisher

5 Suleymanov, F.
The role of climate change on water resources management in the Southern Caucasus in the post-conflict period
(2023) *Environmental Sciences Proceedings*, 25 (1), p. 43.

6 Matsuno, Y.
Pollution control agreements in Japan: conditions for their success
(2007) *Environmental Economics and Policy Studies*, 8 (2), pp. 103-141. Цитировано 6 раз.
http://www.springer.com/west/home/environment?SGWID=4-198-70-1127341-0
doi: 10.1007/BF03353952
View at Publisher

7 Elliott, R.J.R., Okubo, T.
Ecological Modernization in Japan: The Role of Interest Rate Subsidies and Voluntary Pollution Control Agreements
(2016) *Asian Economic Papers*, 15 (3), pp. 66-88. Цитировано 3 раз.
http://www.mitpressjournals.org/loi/asep
doi: 10.1162/ASEP_a_00452
View at Publisher

8 Ferreira, C., Freire, F., Ribeiro, J.
Environmental assessment of military systems with the life-cycle assessment methodology
(2019) *Energetic Materials and Munitions: Life Cycle Management, Environmental Impact, and Demilitarization*, pp. 169-197. Цитировано 3 раз.
https://www.onlinelibrary.wiley.com/doi/book/10.1002/9783527816651
ISBN: 978-352781665-1; 978-352734483-3
doi: 10.1002/9783527816651.ch7
View at Publisher

9 Handan-Nader, C., Ho, D.E., Liu, L.Y.
Deep learning with satellite imagery to enhance environmental enforcement
(2021) *Data Science Applied to Sustainability Analysis*, pp. 205-228. Цитировано 3 раз.
https://www.sciencedirect.com/book/9780128179765
ISBN: 978-012817976-5
doi: 10.1016/B978-0-12-817976-5.00011-5
View at Publisher

10 Banik, U., Garg, L.
Novel Techniques for Analysing Satellite Imagery Data
(2023) *Lecture Notes in Networks and Systems*, 521 LNNS, pp. 477-484.
https://www.springer.com/series/15179
ISBN: 978-303113149-3
doi: 10.1007/978-3-031-13150-9_38
View at Publisher

11 (2022) *Summer 2022: Living in a state of multiple crises*
Available online at, (accessed 11August 2023
https://www.eea.europa.eu/en/newsroom/editorial/summer-2022-living-in-a-state-of-multiple-crises

12 (1949) *The Geneva conventions*. Цитировано 38 раз.
Available online at, (accessed 10August 2023
https://www.icrc.org/en/doc/assets/files/publications/icrc-002-0173.pdf

13 Waliczky, Z., Fishpool, L.D.C., Butchart, S.H.M., Thomas, D., Heath, M.F., Hazin, C., Donald, P.F., (...), Allinson, T.S.M.
Important Bird and Biodiversity Areas (IBAs): their impact on conservation policy, advocacy and action
(2019) *Bird Conservation International*, 29 (2), pp. 199-215. Цитировано 27 раз.
http://uk.cambridge.org/journals/journal_catalogue.asp?historylinks=ALPHA&mnemonic=BCI
doi: 10.1017/S0959270918000175
View at Publisher

14 (2023) *Kakhovka flooding: Soil and water bodies may not be used for food production or as drinking water reservoirs for many years–expert*
Available online at, (accessed 18July 2023
https://greenpeace.at/cee-press-hub/significant-drop-in-water-levels-in-kakhovka-reservoir-risks-nuclear-safety/?fbclid=IwAR2GVnnxYUxMUnW7rRcQZ3h4fTSuwgXKzGSZMYaaVmlP9afltf99ygpDgno

15 (2023) *Kakhovka Reservoir is turning into a river–experts of the Ukrainian Hydrometeorological Institute of the state emergency service of Ukraine and the National Academy of Sciences of Ukraine*
Available online at, (in Ukrainian) (accessed 25 July 2023
https://www.nas.gov.ua/EN/Messages/Pages/View.aspx?MessageID=10244%26fbclid=IwAR1BNt2tTxk2WvauuJbjtBpwhkHu2wrkwqAod44RuVZSzitIZhIT3MlNw4I

16 (2023) *Updated water monitoring data in the emergency zone due to the Russian terrorist attack on Kakhovka HPP*
Available online at, (in Ukrainian) (accessed 28 July 2023
https://www.kmu.gov.ua/news/onovleni-dani-monitorynhu-vod-u-zoni-nadzvychainoi-sytuatsii-cherez-terorystychnyi-akt-rf-na-kakhovskii-hes

17 (2023) *Ukraine*. Цитировано 122 раз.
Available online at, (accessed 28July 2023
https://www.reach-initiative.org/where-we-work/ukraine/

18 Zafra, M., Bankova, D.
Mapping the damage from the Nova Kakhovka dam collapse
(2023) *Reuters*
https://www.reuters.com/graphics/UKRAINE-CRISIS/DAM-BLAST/lbpggabezpq/

19 (2022) *Frequently asked questions on energy security*. Цитировано 135 раз.
Available online at, (accessed 26July 2023
https://www.iea.org/articles/frequently-asked-questions-on-energy-security

20 Sundaram, M., Filion, A., Akaribo, B.E., Stephens, P.R.
Footprint of war: integrating armed conflicts in disease ecology (Открытый доступ)
(2023) *Trends in Parasitology*, 39 (4), pp. 238-241.
www.elsevier.com/locate/pt
doi: 10.1016/j.pt.2023.01.007
View at Publisher

21 Bawa-Allah, K.A.
Assessment of heavy metal pollution in Nigerian surface freshwaters and sediment: A meta-analysis using ecological and human health risk indices
(2023) *Journal of Contaminant Hydrology*, 256, art. no. 104199. Цитировано 4 раз.
www.elsevier.com/locate/jconhyd
doi: 10.1016/j.jconhyd.2023.104199
View at Publisher

22 Bat, L., Arici, R., Öztekin, A.
Threats to quality in the coasts of the Black Sea: Heavy metal pollution of seawater, sediment, macro-algae and seagrass
(2021) *Spatial Modelling and Assessment of Environmental Contaminants: Risk Assessment and Remediation*, pp. 289-325. Цитировано 73 раз.
Shit P.K., Adhikary P.P., Sengupta D., (eds), Cham: Springer, and,. In:, (Eds

23 Solava, S., Delatte, N.
Lessons from the failure of the Teton Dam (Открытый доступ)
(2003) *Forensic Engineering, Proceedings of the Congress*, pp. 178-189. Цитировано 11 раз.
doi: 10.1061/40692(241)20
View at Publisher

24 Bolton Seed, H., Duncan, J.M.
The failure of Teton Dam (Открытый доступ)
(1987) *Engineering Geology*, 24 (1-4), pp. 173-205. Цитировано 38 раз.
doi: 10.1016/0013-7952(87)90060-3
View at Publisher

25 Sukanya, S., Sabu, J.
Climate change impacts on water resources: An overview
(2023) *Visualization Techniques for Climate Change With Machine Learning and Artificial Intelligence*, pp. 55-76. Цитировано 3 раз.
Srivastav A., Dubey A., Kumar A., Narang S.K., Khan M.A., (eds), Amsterdam: Elsevier, and,. In:, (Eds

26 Saxena, A.
Deteriorating Environmental Quality with Special Reference to War and Its Impact on Climate Change (Открытый доступ)
(2023) *National Academy Science Letters*
https://www.springer.com/journal/40009
doi: 10.1007/s40009-023-01279-y
View at Publisher

27 Liobikienė, G., Matiiuk, Y., Krikštolaitis, R.
The concern about main crises such as the Covid-19 pandemic, the war in Ukraine, and climate change's impact on energy-saving behavior
(2023) *Energy Policy*, 180, art. no. 113678.
http://www.journals.elsevier.com/energy-policy/
doi: 10.1016/j.enpol.2023.113678
View at Publisher

28 Shubalyi, O., Petrukha, S., Kosinskyi, P., Petrukha, N.
Financial and economic stimulation of the development of the processing industry on the basis of the natural resource potential of the regions in the post-war period
(2023) *Finance of Ukraine*, 3, pp. 55-74.

29 Kushnirenko, O., Gakhovich, N.
Strategic directions of Ukrainian engineering post-war recovery
(2023) *University Economic Bulletin*, 56, pp. 5-15.
in Ukrainian), and

30 Drobitko, A., Markova, N., Tarabrina, A.-M., Tereshchenko, A.
Land degradation in Ukraine: retrospective analysis 2017-2022
(2023) *International Journal of Environmental Studies*, 80 (2), pp. 355-362. Цитировано 5 раз.
www.tandf.co.uk/journals/titles/00207233.asp
doi: 10.1080/00207233.2022.2160079
View at Publisher

31 Shebanina, O., Kormyshkin, I., Reshetilov, G., Allakhverdiyeva, I., Kliuchnyk, A.
The Role of Environmental Insurance in "Green" Post-War Rebuilding of Ukrainian Regions (Открытый доступ)
(2023) *Economic Affairs (New Delhi)*, 68, pp. 845-851.
https://economicaffairs.co.in/Journal/abstract/id/NTkxNg==/?year=2023&month=May&volume=Volume%2068&issue=Special%20Issue
doi: 10.46852/0424-2513.2s.2023.30
View at Publisher

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