



Human Dimensions of Wildlife >
An International Journal
Volume 20, 2015 - [Issue 5](#)

874 | 44 | 1
Views | CrossRef citations to date | Altmetric

Research Articles

Hunter Perceptions of Risk, Social Trust, and Management of Chronic Wasting Disease in Illinois

Erin E. Harper , Craig A. Miller & Jerry J. Vaske

Pages 394-407 | Published online: 13 Jul 2015

Cite this article <https://doi.org/10.1080/10871209.2015.1031357>



Check for updates

Sample our Environment & Agriculture Journals
>> [Sign in here](#) to start your access to the latest two volumes for 14 days

Full Article

Figures & data

References

Citations

Metrics

Reprints & Permissions

Read this article

Share

Abstract

Management to reduce the spread of chronic wasting disease (CWD) in northern Illinois includes a controversial sharpshooting program. A mail survey of northern Illinois deer hunters was conducted ($n = 3,391$, response rate = 58%) to examine support or opposition toward this program, and factors contributing to these reactions. Logistic regression revealed that support for sharpshooting was statistically greater when: (a) respondents trusted the agency's (Illinois Department of Natural Resources) management of CWD, and (b) perceived risks of CWD to both personal health and deer health increased. Support for sharpshooting was less when hunters trusted CWD information provided by the agency. This regression model predicted 72% of hunter opposition to the program and 74% of support. Log-linear analysis showed that trust

and risk interacted in their effects on support or opposition toward sharpshooting. Findings supported past research examining social trust and risk perceptions in predicting other cognitions associated with CWD.

Keywords:

CWD sharpshooting trust risk perceptions Illinois

Additional information

Funding

This project was funded by Federal Aid in Wildlife Restoration grant W-112-R-22.

Related research

People also read

Recommended articles

Cited by
44

Information for

Authors

R&D professionals

Editors

Librarians

Societies

Opportunities

Reprints and e-prints

Advertising solutions

Accelerated publication

Corporate access solutions

Open access

Overview

Open journals

Open Select

Dove Medical Press

F1000Research

Help and information

Help and contact

Newsroom

All journals

Books

Keep up to date

Register to receive personalised research and resources
by email

 Sign me up

  

  

Copyright © 2026 Informa UK Limited Privacy policy Cookies Terms & conditions

Accessibility



Registered in England & Wales No. 01072954
5 Howick Place | London | SW1P 1WG