

IAEM One Health Caucus

One Health in Action for Emergency Managers:

- **Pandemics & outbreaks** → Coordinating with public health agencies for situational awareness and Points of Dispensing.
- **Climate change & extreme weather** → Planning for impacts on communities, agriculture, wildlife, critical infrastructure, and coordinating cleanup and recovery.
- **Food & water safety** → Protecting supply chains and ensuring equitable access.
- **Vector-borne diseases** → Addressing environmental and animal linkages in risk assessments.
- **Occupational safety & health** → Protecting the physical and mental well-being of response and cleanup/recovery personnel.



Image: Lauren Bishop (2022), CDC Public Health Image Library #27674

Authors

Meghan Burian, MPH, CEH
James F. Goss, DHA, AEM
Corey Morris, MS, REHS
Svetlana Smorodinsky, MPH

Scan to See
One Health in
Action in EM!



Pesticide-contaminated watermelons sicken people, response involves multiple sectors



Wildfire threatens human, animal, environmental health and complicates evacuation



Avian influenza requires EM, public health, veterinary, environmental health collaboration



A shared meal leads to ill responders and recognition of a public health threat to safety personnel

Emergency Management in One Health

Emergencies rarely affect only people - they ripple through human, animal, and environmental systems:

- 75% of emerging infectious diseases are zoonotic (from animals).
- Disasters disrupt food systems, water supplies, and habitats.
- Responders are exposed to chemicals & environmental contaminants.

Wildfires, floods, and pandemics remind us of the interconnectedness of health and security!

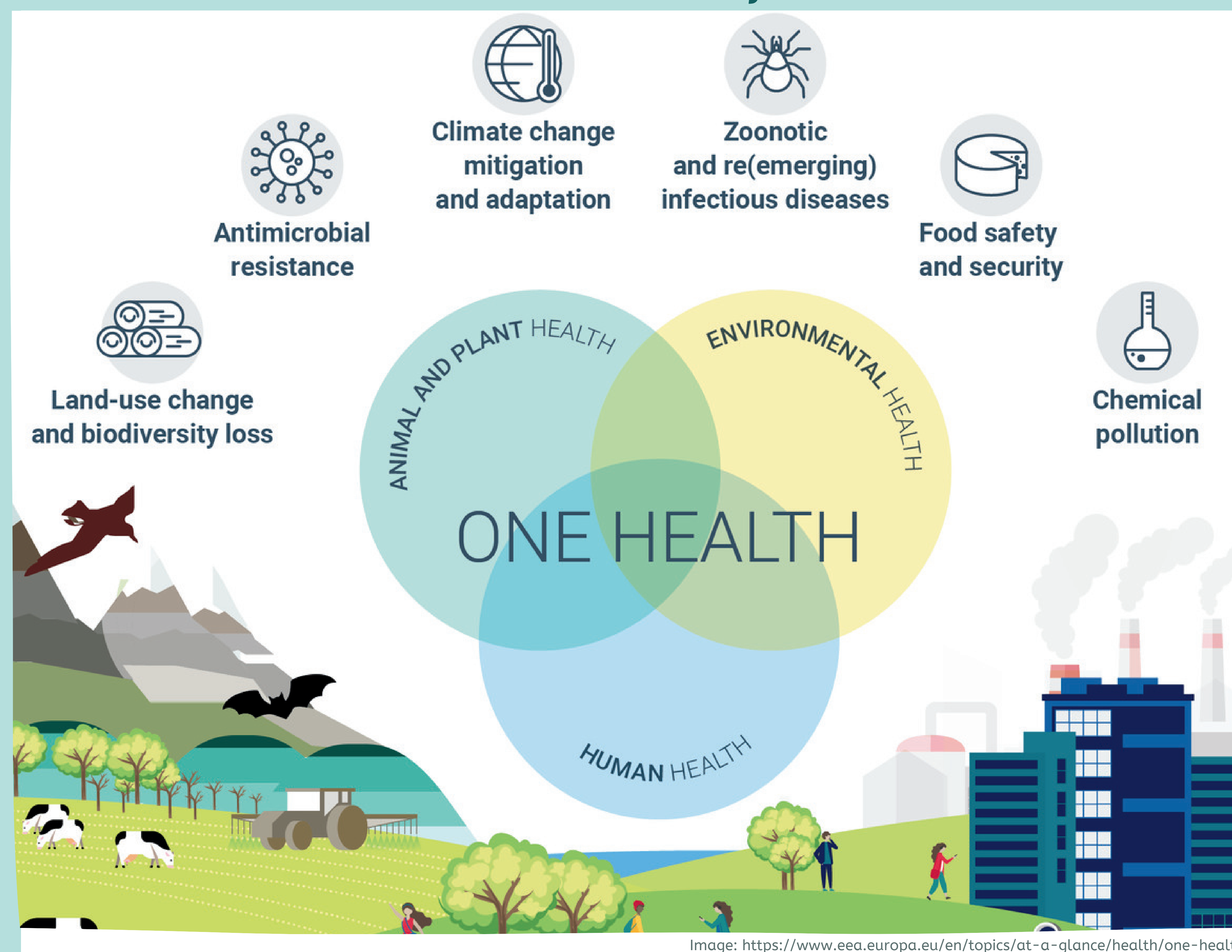


Image: <https://www.eea.europa.eu/en/topics/at-a-glance/health/one-health>

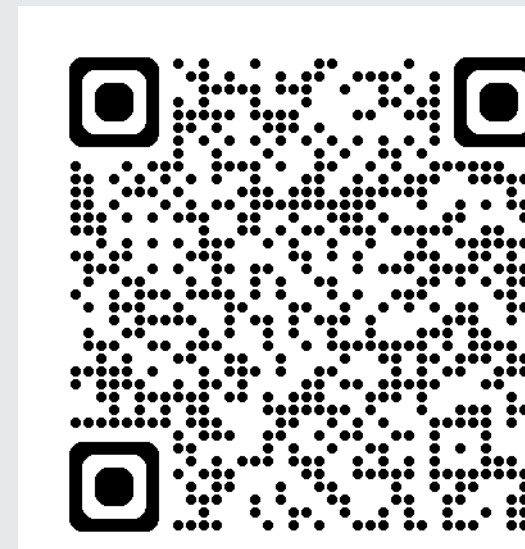
Resilience Requires an Integrated Approach

Using a OneHealth model for preparedness, response, recovery, and mitigation acknowledges the connections between human, animal, plant, and environmental health.

Join Us In Shaping the Future of Emergency Management!

- Become part of the IAEM One Health Caucus.
- Bring your expertise to advance collaborative, integrated EM practice.
- Scan the QR code to the right to learn more and get involved.

<https://www.iaem.org/Groups/USA-Caucuses/One-Health-Caucus>



Emergency Managers Are Uniquely Positioned To:

- Expand hazard vulnerability analyses (HVAs) to include One Health threats.
- Integrate public health, veterinary, and environmental health expertise into planning.
- Build cross-sector partnerships for stronger, faster response.
- Ensure appropriate protections for response and recovery personnel.
- Reduce cascading impacts by considering whole-system resilience.

About the One Health Caucus

We are a professional community within IAEM advancing the One Health approach in emergency management.

- Advocate for inclusion of One Health in EM policy and practice.
- Provide education, resources, and collaboration opportunities.
- Share applied research and case studies.
- Support cross-sector training for stronger resilience.



Image: Canva image library