Community for Emerging and Zoonotic Diseases

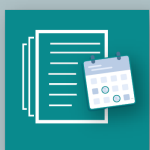## Identifying Emerging Risks Through Collective Intelligence

What does CEZD do?

CEZD conducts environmental scanning for emerging and zoonotic diseases and produces weekly intelligence reports based upon signal ratings by members.

When specific signals are of concern, CEZD facilitates further evaluation and analysis as needed. The community also engages in monthly calls and webinars to share items of interest.

The collective intelligence generated through these processes is shared with the community members to provide early warning for emerging animal diseases and zoonotic diseases.

More details on CEZD specific activities can be found on the CEZD website.

Who are the Community Members?

Members are professionals in animal, public, or environmental health with an interest in emerging and zoonotic diseases.

They work in academia, private, and public sectors, (Municipal/Provincial/Federal), animal industries and various animal health networks across Canada.

CEZD Membership Map

Many CEZD members are also members of the Canadian Animal Health Surveillance System (CAHSS).

Community Collaboration and Activities

Community members contribute their expertise through various mechanisms, depending on their interest and expertise.

Members can be passive or active. Passive members receive intelligence reports. Active members engage in activities and receive all of the CEZD communications materials.

Professionals are eligible to access the Canadian Network for Public Health Intelligence (CNPHI) and rate signals for the community.

Contact Us to Join

Active Member Activities

Signal Rating:
Partners rate signals that come into the Knowledge Integration using Web Based Intelligence (KIWI) technology for one week per month. These partners are known as "Revolving Raters".

Ping Rating:
Ping polls are circulated by email 2 to 4 times per month with signals of interest for all active members of the community to rate.

Engagement in National Webinars and Discussions:
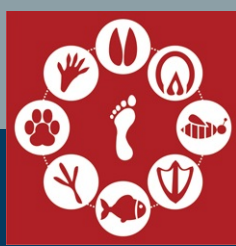Members share their work in CEZD webinars, or engage in National discussions on important issues.

Monthly Meeting Attendance:
Members are asked to share their expertise on current emerging disease issues, and support the core team by providing direction on the CEZD annual priorities.

Leading or Participating in the Production of Risk Products:
Members participate in Risk Profiles and Rapid Qualitative Risk Assessments that can be shared across the community.

Supporting Organizations

Canadian Network for Public Health Intelligence (CNPHI)

CNPHI provides the Knowledge Integration Using Web Based Intelligence Technology (KIWI) that automates the information mining process.

Canadian Animal Health Surveillance System

CAHSS enables engagement with National Animal Health Surveillance Networks which broaden the reach of CEZD's early warnings.

Canadian Food Inspection Agency

CFIA funds the CEZD Core Team that manages the day to day activities of the community. The core team includes an Analyst, Senior Analyst and Coordinator.

Interested in joining CEZD? Reach out to the core team members by email at CEZD@inspection.gc.ca with your request to join.

Definitions

Environmental Scanning - The process of systematically scanning defined sources of information to build and maintain situational awareness, including the identification and classification of potential signals, and the documentation of the results.

Intelligence - Information that is compiled, summarized, analyzed/assessed, processed and disseminated to the community in order to contribute to more informed decision-making

Signal - information that suggests the potential for occurrence of a risk.