

24/7

**OPEN SOURCE,
EVENT-BASED
OUTBREAK
SURVEILLANCE**

BEACON

Biothreats Emergence, Analysis, and Communications Network

- **ONE HEALTH FOCUSED**
- **OPEN SOURCE**
- **POWERED BY AI/LLM**
- **VERIFIED BY GLOBALLY BASED EXPERTS**
- **INDEPENDENT, APOLITICAL**

The Biothreats Emergence, Analysis and Communications Network (BEACON) is dedicated to the rapid collection, vetting, reporting, and analysis of information on emerging threats affecting humans, domestic animals, wildlife, plants and the environment globally. BEACON combines emerging infectious diseases surveillance, a global network of moderators who are subject matter experts and the power of artificial intelligence and large language models.

BEACON is a freely available global surveillance platform, linking public health authorities, practitioners, researchers, and the general public, rapidly and transparently sharing data and contextual knowledge about new threats. By providing early warnings of sentinel cases, clusters and outbreaks, BEACON enables early public health response.

BEACON is based at Boston University's Center on Emerging Infectious Diseases (CEID) and operated in partnership with the Hariri Institute for Computing and Data Sciences at Boston University and HealthMap at Boston Children's Hospital.



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