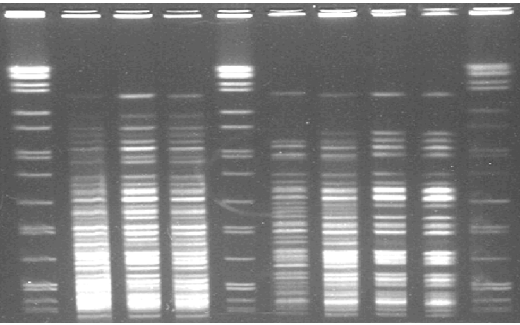




Biorisk Management in Disease Detection Tabletop Exercise



Event overview

Bali, Indonesia

May 2014



*Exceptional
service
in the
national
interest*

Introductory Session



SNL International Biological Threat Reduction Program

Purpose of this tabletop exercise

Expected outcomes

Review agenda

International Biological Threat Reduction



Global Health Security Program within Sandia National Laboratories

Goal: Innovative solutions for countering biological threats globally

- Promote responsible use of biological agents, equipment, and expertise globally
- Strengthen capacities to safely, securely, and responsibly detect, handle, and control dangerous biological agents
- Improve understanding and management of the risks associated with accidental and deliberate misuse of biological agents.



IBTR Core Capabilities



Laboratory biorisk management

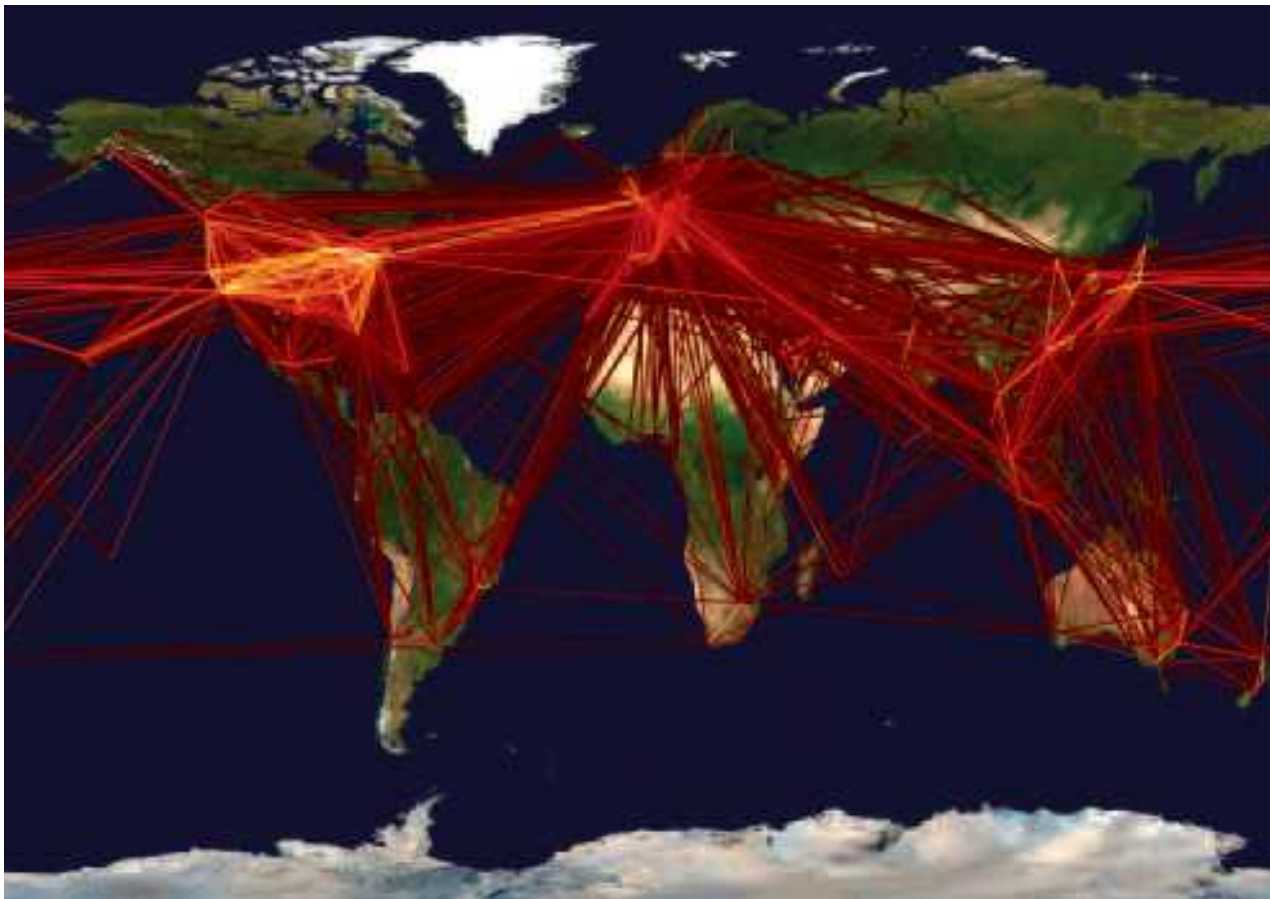
Biological threat identification and analysis

Capacity building and outreach

Building safer and more secure biomedical capabilities



Global Health Security



Biological incidents, public and animal health emergencies do not recognize or stop at international borders

Zoonotic disease surveillance matters



Early detection of health hazards

**Interdisciplinary communication, collaboration
can improve disease detection and response**

Prevention of infectious diseases transmission

**...save lives, protect communities,
safeguard economies**

Purpose of this event



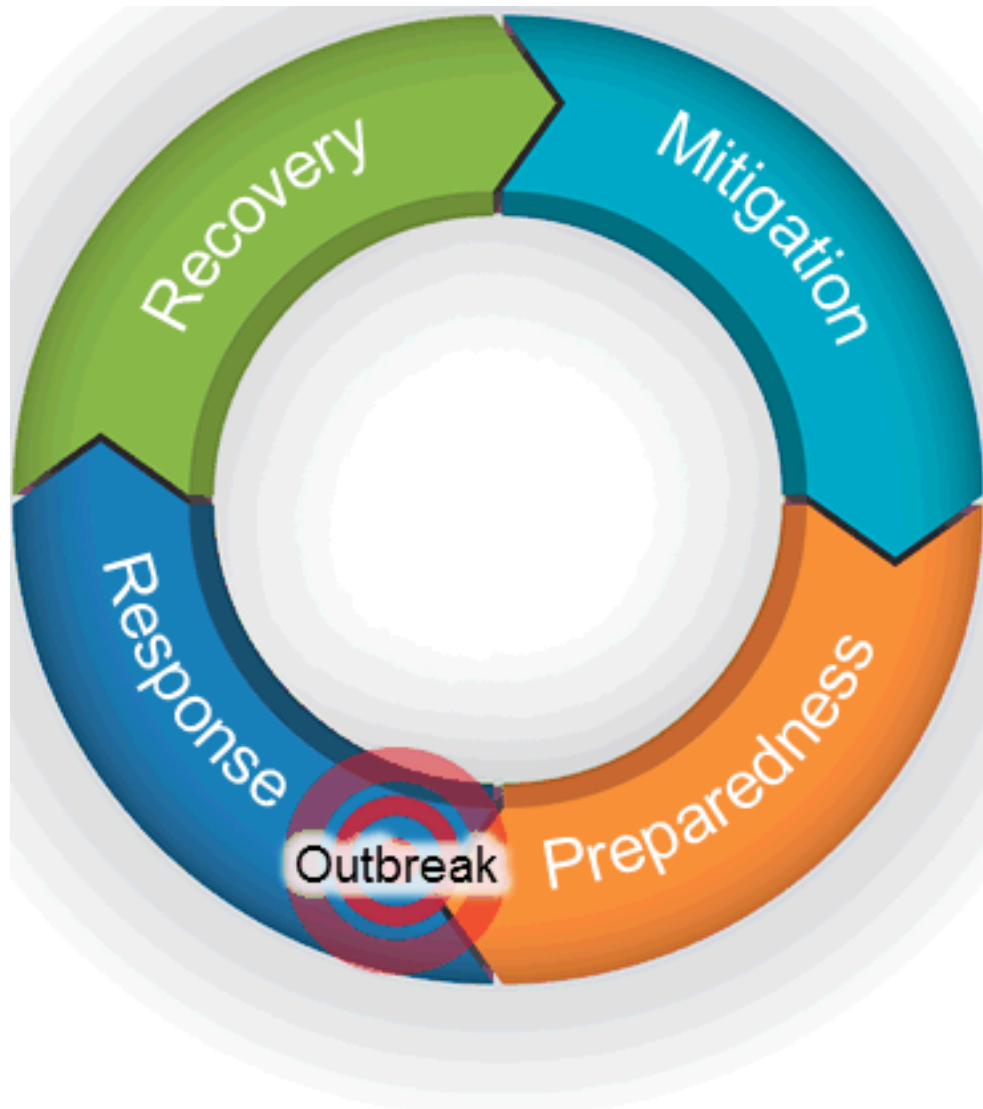
TTX: Scenario-based approach to understand multi-sector detection of a zoonotic biologic incident

- Follow-up on four-way linking event in 2013

At each step, we will focus on identifying

- Roles & responsibilities for each of the 4 sectors
- Strengths & gaps in public health risk communication
- Strengths & gaps in biorisk management during an incident
- Needs for standard protocols & formal plans

TTX: A tool to improve preparedness



Tabletop Exercise Format



Tabletops are tools to simulate an emergency situation

- Informal, safe, stress free environment
- See how different roles, agencies interact during an emergency
 - Identify roles and responsibilities
 - Meet colleagues working in similar areas, facing same challenges
- Review plans, procedures, and policies

Many types of tabletop exercises exist

- Plan and test emergency preparedness systems
- Small group discussions to system strengths and weaknesses



Why ask so many questions?

Have answers ready in case of a real-life incident

Understand the process from start to finish

- Identify opportunities for collaboration
- Prioritize areas needing improvement

Develop a more comprehensive accurate model

- Identify efficient use of resources
- Identify strengths and gaps in the system

Tabletop Roles



Group	Where are they from	Role
Facilitators/Controllers	US- Sandia National Laboratories	Guide discussion
Players/Participants	Indonesian public health, animal health, epidemiology & laboratory experts	Explain actions agencies would take each step of the way
External Evaluator		Provide external evaluation



Participant criteria

- 1) You have expertise in animal health, public health , epidemiology and laboratory roles in outbreak response**

- 2) You understand how your agency's current practices and protocols for responding to an outbreak**

- 3) You are interested in making the system better**
 - Improve how 4 sectors work together to save lives & reduce risk during outbreaks**

Event objectives



- 1) Identify roles and responsibilities your agency would provide during a zoologic biological incident/outbreak

- 2) Characterize and identify gaps and opportunities to improve biorisk management during sample
 - Collection
 - Transport
 - Storage
 - Analysis
 - Disposal

- 3) Delineate cross-sector biological incident risk communication
 - Describe communication pathways
 - Identify strengths and gaps in communication
 - Practice principles of biological incident risk communication

Expected event outcomes



Outcomes

- Identification of areas for improving cross-sector response
- Understanding of biorisk management during outbreak response
- Practice in targeted public health emergency risk communication

Take away

- Completed copies of responsibility charts
- Draft strategic-level plans for cross-sector coordination
- After-action report



Agenda overview

Monday

- Background
- Introductions & Team Building Activity
- Risk Communication during Biological Incidents
- Scenario Part 1

Tuesday

- Scenario Parts 2-3

Wednesday

- After Action Report
- Develop SOP (time permitting)
- Conclusion and Certificates

Ground rules



Open and honest communication

- No “right” or “wrong” answers
- Respect fellow participants
- Cell phones will need to be turned off or on silent
- No photographs, video or audio recordings
- Meals and breaks will be provided throughout
- Table facilitators will keep exercise on schedule
- **Please let us know if you have questions or concerns**

**Your active participation
is the key to a successful exercise**

Thank you!

