

DCVMN Risk Assessment Workshop Agenda

Oct 20: Morning Session 9:00-12:30	
Day One	
09:00 – 9:30	Welcome <ul style="list-style-type: none"> • Introductions • Course Objectives • Agenda • Pre-test (15 min)
9:30 – 11:00	Overview of Biorisk Management Assessing Risk: <ul style="list-style-type: none"> • What is risk assessment? • How do you conduct a risk assessment? <ul style="list-style-type: none"> ○ Group activity • How do you define risk? <ul style="list-style-type: none"> ○ R = function of (likelihood and consequence) • What is the objective of risk assessment? <ul style="list-style-type: none"> ○ Group activity Characterizing Risk: <ul style="list-style-type: none"> • Risk characterization • CWA 15793:2011 <ul style="list-style-type: none"> ○ Risk governance strategy <ul style="list-style-type: none"> ▪ Key concepts for Determining Risks ○ Example of risk assessment strategy
11:00 – 11:15	Break
11:15 – 12:30	Evaluating Risk: <ul style="list-style-type: none"> • Risk evaluation <ul style="list-style-type: none"> ○ Group activity Review Risk Assessment KFD Evaluation I
12:30 – 13:30	Lunch
Afternoon Session 13:30 – 17:00	
13:30 – 15:00	Mitigation and Risk Performance: <ul style="list-style-type: none"> • Quick overview on: <ul style="list-style-type: none"> ○ 5 Mitigation Measures ○ What is risk performance Post-Test (15 min) General Evaluation
15:00 – 15:15	Break
15:15– 16:30	Opportunities for Risk Communication Using BioRAM <ul style="list-style-type: none"> • What do BSO's do? • How do we... and what is the value

DCVMN Risk Assessment Workshop Agenda

	<ul style="list-style-type: none">• Where do we want to be• Likelihood vs Consequences• Strategy – of risk assessment and BioRAM• Development of BioRAM <p>Types of Performances using BioRAM</p> <ul style="list-style-type: none">• Risk Analysis Principles<ul style="list-style-type: none">○ Multi-criteria decision analysis○ Risk Governance framework (CWA 15793) <p>Discuss relative risk and risk acceptance</p> <ul style="list-style-type: none">• Biosafety Risk Assessment Methodology• Go over the program and tabs
16:30 – 17:00	Summary
17:00	End of Day

DCVMN Risk Assessment Workshop Agenda

Oct 21: Morning Session 9:00-12:30 Day Two	
09:00 – 11:00	<p>Welcome Review Day 1 BioRAM (participants will use BioRAM to work on the following exercises):</p> <ul style="list-style-type: none"> • Group exercise 1 <ul style="list-style-type: none"> ○ Assessment scenario (handout 1) <ul style="list-style-type: none"> ▪ Vaccine manufacturing of influenza vaccine ▪ Risk assessment: what is the risk from initial agent to full production ▪ Conduct comparison with influenza, polio and BCG risk drivers, and likelihood vs consequence graph ○ Structured risk assessment/report: BioRam (handout 2) <ul style="list-style-type: none"> ▪ Identify likelihood and consequences ▪ Acceptable why or why not ▪ Considerations – aerosols <ul style="list-style-type: none"> • Are a couple of drops harmful? <ul style="list-style-type: none"> ○ Aerosol formation ○ Is exposure likely to happen? ○ What about PPE? Reliable? ○ Exposure ○ Laboratory incident – spill (handout 3) • Group exercise 2 <ul style="list-style-type: none"> ○ Changes in risk (handout 4) ○ Rapid Comparison (handout 4) <ul style="list-style-type: none"> ▪ Did the incident change? ▪ Did the risk change? ▪ Why? • Consideration for large spills: People, supplies and PPE? • Group exercise 3 <ul style="list-style-type: none"> ○ Laboratory incident response – spill (handout 5) <ul style="list-style-type: none"> ▪ Risk comparison ▪ Changes in risk ○ Risk assessment during spill cleanup (handout 6) • Summary
11:00 – 11:15	Break
11:15 – 12:30	<p>BioRAM</p> <ul style="list-style-type: none"> ○ Work in groups and run Biosafety and Biosecurity scenarios based on their own organisms.
12:30 – 13:30	Lunch
Afternoon Session 13:30 – 17:00	

DCVMN Risk Assessment Workshop Agenda

13:30 – 15:00	Cont. BioRAM <ul style="list-style-type: none">• Run BioRAM (student input/group)
15:00 – 15:15	Break
15:15– 16:00	<ul style="list-style-type: none">• Participants present their results• Group Discussions on the results of the likelihood and consequence graph and relative risk and acceptance and what does it mean.
16:00 – 17:00	Summary Wrap-up
17:00	End of Day