

NIMBioS Risk Analysis Tutorial Schedule, March 5-7, 2019

Schedule of Day 1 Training

8:30 a.m.	Breakfast (bagels, muffins, fruit, and coffee)
8:45 a.m.	Welcome and Introductory Remarks
9:00 a.m.	Regional Screening Levels Background and Supporting Documentation
10:00 a.m.	Break
10:15 a.m.	Regional Screening Levels Calculator
12:00 p.m.	Lunch
1:00 p.m.	Resume Regional Screening Levels Calculator
2:30 p.m.	Break
2:45 p.m.	Regional Removal Management Levels
3:00 p.m.	Practice Exercises for RSL and RML
4:45 p.m.	Dismiss

Outline of Day 1 Training

1. Historical Perspective of RSLs
2. Understanding Changes Over time (What's New)
3. Getting Support (FAQ, Contact Information)
4. User Guide Special Cases
 1. Mutagens
 2. Trichloroethylene
 3. Vinyl Chloride
 4. Arsenic
5. RSL Calculator
 1. Resident, Worker, Construction, Recreator, Migration to Groundwater
 2. Water, Soil, Air, Fish
6. Historical Perspective of RMLs
7. Understanding Changes over time (What's New)
8. Getting Support (FAQ, Contact Information)
9. RML Calculator
 1. Focus on Resident and Worker
 2. Water and Soil
10. RSL and RML Practice Sessions

Schedule of Day 2 Training

8:30 a.m.	Breakfast (bagels, muffins, fruit, and coffee)
8:45 a.m.	Vapor Intrusion Screening Levels Background and Supporting Documentation
9:15 a.m.	Vapor Intrusion Screening Levels Calculator
10:00 a.m.	Break
10:15 a.m.	Practice Sessions for Vapor Intrusion Screening Levels Calculator
11:15 a.m.	Risk Assessment Information System Overview
12:00 p.m.	Lunch
1:00 p.m.	Risk Assessment Information System Calculators
2:30 p.m.	Break
2:45 p.m.	Practice Sessions for RAIS Calculators
4:45 p.m.	Dismiss_

Outline of Day 2 Training

1. Historical Perspective of VISL
2. Understanding Changes Over time (What's New)
3. Getting Support (FAQ, Contact Information)
4. VISL User Guide Special Cases
 1. Mutagens
 2. Trichloroethylene
 3. Vinyl Chloride
 4. Arsenic
5. VISL Calculator
 1. Resident, Worker
 2. Water, Soil, Air
6. RAIS Calculators
 1. PRGs
 2. Risk Calculators
 3. Toxicity Search Tools
 4. Chemical Parameter Search Tools
 5. Adult lead model
 6. Applicable or Relevant and Appropriate Requirements (ARARs)
7. VISL and RAIS Practice Sessions

Schedule of Day 3 Training (Radiation Calculators)

8:30 a.m.	Breakfast (bagels, muffins, fruit, and coffee)
8:45 a.m.	Introduction to Radiation
9:00 a.m.	PRG Calculator
10:00 a.m.	Break
10:15 a.m.	DCC Calculator
11:00 a.m.	BRG/BDCC Calculator
12:00 p.m.	Lunch
1:00 p.m.	SPRG/SDCC
1:45 p.m.	Risk Assessment Information System Radiation Calculators
2:30 p.m.	Break
2:45 p.m.	Practice Sessions for RAIS Radiation Calculators
4:30 p.m.	Dismiss

Outline of Day 3 Training

1. Radiation Risk Assessment
2. Radiation Risk Assessment Introduction Video
3. PRG Calculator
 1. Resident, Worker, Construction, Recreator, Farmer
 2. Air, Water, Soil, Food
4. DCC Calculator
5. Building PRG and Building DCC Calculators
 1. Dust, Air, Indoor Building
6. Surfaces PRG and Surfaces DCC Calculators
 1. Dust, Air, Outdoor Surfaces
7. RAIS Radiation Tools
 1. PRG
 2. Risk
 3. Decay

Topics:

human health risk assessment, U.S. EPA guidance, cancer risk, hazard index, exposure assessment, toxicity assessment, risk characterization, regional screening Levels (RSLs), regional removal management levels (RMLs), vapor intrusion screening levels (VISL), radionuclide preliminary remediation goals for radionuclides (PRGs), radionuclide dose compliance calculators (DCCs), the risk assessment information system (RAIS), RSL/RML app.