

# Radiation Risk Assessment Training - Class Schedule

Presented by US EPA Superfund Remedial Program and Oak Ridge National Laboratory

<b>Date</b>	<b>City/State</b>	<b>Conference/Meeting Name</b>	<b>Location of Training</b>	<b>Students (EPA)</b>
3/10/2024	Phoenix, AZ	Waste Management Symposium	Convention Center	12 (0)
2/28/2024	Virtual	EPA Staff	MS Teams	13 (13)
7/22/2023	Nat'l Harbor, MD	HPS Annual Meeting	Gaylord Convention Center	11 (0)
7/18/2023	Virtual	EPA and ORNL staff	MS Teams	27 (22)
2/26/2023	Phoenix, AZ	Waste Management Symposium	Convention Center	13 (1)
2/17/2023	Virtual	EPA Staff	MS Teams	38 (38)
10/12/2022	Virtual	New York state staff	Webex	29 (0)
3/6/2022	Phoenix, AZ	Waste Management Symposium	Convention Center	5 (0)
2/28/2022	Virtual	EPA Staff	MS Teams	52 (52)
7/24/2021	Phoenix, AZ	Health Physics Society Annual Mtg	Convention Center	9 (0)
7/19/2021	Virtual	EPA Staff	MS Teams	48 (47)
3/8/2020	Phoenix, AZ	Waste Management Symposium	Convention Center	10 (0)
1/25/2020	Bethesda, MD	Health Physics Society Winter Mtg	Bethesda North Marriott	9 (0)
1/23/2020	Arlington, VA	EPA HQ staff	EPA Potomac Yards South	5 (5)
10/16/2019	Seattle, WA	Region 10 and invitees	EPA Region 10 Office	9 (8)
9/22/2019	Denver, CO	IAEA TENORM Conference	Embassy Suites	17 (2)
7/6/2019	Orlando, FL	Health Physics Society Annual Mtg	Hilton Hotel	16 (0)
6/14/2019	Arlington, VA	EPA HQ staff	EPA Potomac Yards South	5 (2)
4/24/2019	Window Rock AZ	Navajo Nation EPA	Navajo Nation EPA HQ	21 (7)
4/19/2019	Arlington, VA	EPA HQ staff	EPA Potomac Yards South	5 (3)
7/14/2018	Cleveland, OH	Health Physics Society Annual Mtg	Hilton Hotel	13 (0)
7/11/2018	Arlington, VA	EPA HQ staff	EPA Potomac Yards South	2 (2)
3/17/2018	Phoenix, AZ	Waste Management Symposium	Convention Center	12 (0)
11/2/2017	Wash., DC	ANS winter meeting	Marriott Wardman Park Hotel	5 (0)
10/5/2017	Dallas, TX	Region 6 and invitees	EPA Region 6 Office	16 (10)
10/4/2017	Dallas, TX	Region 6 and invitees	EPA Region 6 Office	18 (10)
8/3/2017	Arlington, VA	EPA HQ staff	EPA Potomac Yards South	4 (4)
5/23/2017	Phil., PA	Region 3 and invitees	EPA Region 3 Office	20 (16)
3/5/2017	Phoenix, AZ	Waste Management Symposium	Convention Center	14 (1)
2/28/2017	Lenexa, KS	Region 7 and invitees	EPA Region 7 Office	25 (13)
1/26/2017	Arlington, VA	EPA HQ staff	EPA Potomac Yards South	13 (12)
1/21/2017	Bethesda, MD	Health Physics Society Winter Mtg	Bethesda North Marriott	11 (0)
9/8/2016	Denver, CO	EPA Region 8 and invitees	EPA Region 8 Office	13 (6)
9/7/2016	Denver, CO	EPA Region 8 and invitees	EPA Region 8 Office	9 (5)
8/31/2016	San Francisco, CA	EPA Region 9 and invitees (DOE, DOD, private sites)	EPA Region 9 Office	29 (7)
8/30/2016	San Francisco, CA	EPA Region 9 and invitees (Navajo Nation AUM sites)	EPA Region 9 Office	28 (10)
8/15/2016	Uncasville, CT	Tribal Lands & Environment Forum	Mohegan Sun Resort	14 (0)
8/4/2016	Pittsburgh, PA	American Nuclear Society D&RS	Sheraton hotel	4 (0)
6/23/2016	Arlington, VA	EPA HQ staff and ATSDR invitees	EPA Potomac Yards South	12 (9)
6/22/2016	Arlington, VA	EPA HQ staff and DOE/NRC invitees	EPA Potomac Yards South	15 (14)
6/21/2016	Washington, DC	Natural Resources Defense Council and other NGO groups	NRDC offices	11 (0)
3/6/2016	Phoenix, AZ	Waste Management Symposium	Convention Center	18 (0)

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12/9/2015	Boston, MA	EPA Region 1 and invitees	EPA Region 1 Office	18 (12)
11/5/2015	New York, NY	EPA Region 2 and invitees	EPA Region 2 Office	9 (5)
10/22/2015	Atlanta, GA	EPA Region 4 and invitees	EPA Region 4 Office	35 (13)
6/1/2015	Philadelphia, PA	EPA 14th Superfund Natl Rad Mtg	EPA Region 3 Office	31 (26)
11/29/2012	Henderson, NV	EPA 22 <sup>nd</sup> Annual NARPM Training	Ravella Hotel	27 (24)
<b>47 Classes – Held to Date</b>				<b>793 total participants (including 414 EPA staff)</b>

## **Training Class Schedule** *(bring your **LAPTOP!!!**)*

9:00 a.m.	Welcome and Introductory Remarks ( <i>Stuart Walker, EPA OSRTI</i> )
9:15 a.m.	Begin Training Class
10:45 a.m.	Break On Your Own
11:00 a.m.	Resume Training Class
12:00 a.m.	Lunch on Your Own
1:00 p.m.	Resume Training Class
3:15 p.m.	Break on Your Own
3:30 p.m.	Resume Training Class
5:30 p.m.	Training Class Ends

## **Outline of Training**

1. How Radiation Fits in Superfund
2. Radiation Risk Assessment
3. Radiation Risk Assessment Video and Community Toolkit
4. PRG Calculator
5. DCC Calculator
6. RSL Calculator
7. BPRG and BDCC Calculators
8. SPRG and SDCC Calculators
9. RVISL and VISL Calculators
10. Differences between EPA and DOE Tools
11. CPM Calculator
12. BCG Calculator
13. SADA

## **Training Description:**

**US EPA Superfund Radiation Risk Assessment** is a full-day advanced course that focuses on specific technical and regulatory issues that site managers (e.g., RPMs, OSCs) and technical staff address when managing sites under the US Environmental Protection Agencies Superfund remedial program that have a risk assessment conducted for radioactive contaminants. By taking the course, participants achieve the following objectives:

- Learn a step-by-step approach to the Superfund remedial program's risk assessment process for radioactive contamination. The course discusses of the major steps in Superfund remedial program's risk assessment for radioactive contamination and the EPA recommended guidance documents and calculators and or models for conducting such risk assessments.
- Explore methods for conducting site-specific risk assessments. The course examines how to alter the default input parameters in the Superfund remedial program's risk and dose assessment calculators.
- Discover practical recommendations for improving the radiation risk assessments conducted at your site. The course stresses some obvious and other less obvious aspects helpful in improving the radiation risk assessment process.
- Master information about the radiation risk assessment process. Participants obtain information from experienced professionals about the radiation risk assessment process.

The instructional methodology for this course includes lectures and demonstrations of using EPA's risk and dose assessment calculators developed by the Superfund remedial program. The target audience for this course is site managers, risk assessors and others that want to obtain a working knowledge on conducting Superfund radiation risk assessments.

- *Fred Dolislager, The University of Tennessee (Instructor)*
- *Stuart Walker, EPA Office of Superfund Remediation and Technology Innovation (Instructor)*