



Office of Counterterrorism  
and Counterproliferation

**Nuclear  
Incident  
Policy and  
Cooperation**



# Advanced International Radiological / Nuclear Training for Emergency Response (I-RAD)

**Bangkok, Thailand**

**10-14 June, 2019**



# Course Schedule



# Schedule: Day 1



## June 10 – Day 1 (classroom)

- 0900 Welcome and Introductions
- 0915 Schedule Review
- 0930 Radiation Basics and Health Effects
- 1030 Break
- 1045 Radiation Detection Overview
- 1200 Lunch
- 1300 Radiation Search Concepts
- 1400 Interactive Radiation Detection Equipment Demonstration
- 1500 Break
- 1515 Interactive Radiation Detection Equipment Demonstration (continues)
- 1630 End Day 1



# Schedule: Day 2



## June 11 – Day 2 (classroom, field)

- 0900 Advanced SPARCS operations
- 1000 Break
- 1030 SPARCS Field operations – Rotation 1
- 1200 Lunch
- 1300 SPARCS Field Operations – Rotation 2
- 1430 Break
- 1500 SPARCS Field Operations – Rotation 3
- 1630 End Day 2



# Schedule: Day 3



## June 12 – Day 3 (classroom, laboratory, field)

- 0900 Gamma Spectroscopy for First Responders
- 1000 Radioactive Material Identification
- 1100 Break
- 1115 Radioactive Material Identification (Training)
- 1200 Lunch
- 1300 Radioactive Material Identification (Exercise – Laboratory)
- 1430 Break
- 1445 Radioactive Material Identification (Exercise – Field)
- 1600 DOE International Radiological Triage
- 1630 End Day 3



# Schedule: Day 4



## June 13 – Day 4 (classroom, laboratory)

- 0900 Incident Crime Scene with Radiological Crime Scene Preservation
- 1000 Break
- 1030 Incident Crime Scene with Radiological Crime Scene Operations (Exercise)
- 1130 Incident Crime Scene with Radiological Crime Scene Preservation (Discussion)
- 1200 Lunch
- 1300 Contamination Incident Response and Source Recovery with Case Studies/Discussion
- 1500 Break
- 1530 Contamination Incident Response and Source Recovery with Case Studies (continues)
- 1630 End Day 3



# Schedule: Day 5



## June 14 – Day 5 (classroom)

- 0900 Radiation Dispersal Response – 10 Point Monitoring
- 1000 Break
- 1015 Radiation Dispersal Response – 10 Point Monitoring (Exercise/Discussion)
- 1130 DOE International Reach Back – Plume Modeling and Medical Assistance
- 1200 Graduation
- 1230 End Day 4



Office of Counterterrorism  
and Counterproliferation

**Nuclear  
Incident  
Policy and  
Cooperation**



**Questions?**

