

## 58th Foundation Day

## **SCIENTIFIC LECTURE**

Using the Risk Assessment Information System (RAIS) for Occupational Risk Assessment



#### **TUESDAY**

09:00 - 10:00 AM

**20 FEBRUARY 2024** 



#### SPEAKER

#### Fred G Dolislager

Senior Environmental Risk Analyst, Oak Ridge National Laboratory, USA





WEBINAR https://us02web.zoom.us/j/89632451674

ICMR-National Institute of Occupational Health Department of Health Research, Ministry of Health and Family Welfare, Govt of India, Ahmedabad, Gujarat, India



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#### **About Speaker**

Mr Fred Dolislager is a human health and environmental risk assessor in Environmental Risk and Energy Analysis group, at Oak Ridge National Laboratory, USA. His professional mission statement is "Apply risk management practices to ensure implementation of effective and innovative environmental restoration techniques at hazardous waste sites through the development of risk assessment models and establishment of national guidance and policy."

His work with Superfund, developing national guidance and policy, through computational websites, helps an effective risk assessor when doing site assessments or reviewing the work of others. Particularly, his involvement with the Regional Screening Levels for chemicals and multiple PRG websites for radionuclides keeps his work state of the art.

He developed several key models which includes gamma shielding factors (indoor and outdoor), area correction factors (multiple source depths), room surface exposure factors (multiple materials, source thicknesses, receptor positions), building surface exposure factors (multiple materials, source thicknesses, receptor positions), soil trench exposure factors (multiple source thicknesses and receptor positions), CPM conversion factors, etc.





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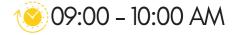
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#### **AGENDA**

Time	Session	Speaker/Panelists
09:00-09:05 AM	Welcome address	<b>Dr Lokesh Sharma</b> Scientist E, ICMR-NIOH
09:05-09:10 AM	Introductory remarks	<b>Dr Santasabuj Das</b> Director, ICMR-NIOH
09:10-09:45 AM	Using the Risk Assessment Information System (RAIS) for Occupational Risk Assessment	Mr Fred G Dolislager Senior Environmental Risk Analyst, Oak Ridge National Laboratory, USA
09:45-09:55 AM	Question & Answers	All participants
09:45-09:55 AM	Vote of thanks	<b>Dr B Ravichandran</b> Scientist E & OIC (ROHC), ICMR-NIOH

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