

Talk or poster presentation?	Talk
Language of presentation	English
Title of the presentation (limited to 150 characters including spaces)	Evidence synthesis and integration for human health risk assessment of environmental chemicals in the U.S. EPA Integrated Risk Information System
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Abstract (limited to 150 words)	The Integrated Risk Information System (IRIS) supports the U.S. EPA's mission to protect human health and the environment by identifying and characterizing human health hazards of environmental chemicals. Because IRIS assessments are utilized by other parts of the agency that perform risk characterization and management with policy implications, these assessments must carefully document the basis for and confidence in human health hazard conclusions. IRIS scientists perform systematic reviews to identify, screen, critically appraise and synthesize evidence from diverse sources of information ranging from epidemiological studies to animal toxicological studies to studies of toxicokinetics and mechanisms. Integration of these diverse streams of evidence is performed using a structured framework. This talk will address the complexities of evidence synthesis and integration using heterogenous data sources to reach conclusions regarding human health hazards of environmental chemicals. Disclaimer: Authors' views expressed here do not necessarily reflect the views or policies of the U.S. EPA.
Required support for French/English translation (for talks)	Yes