

IRIS Workshop on the NRC Recommendations

Session 3a

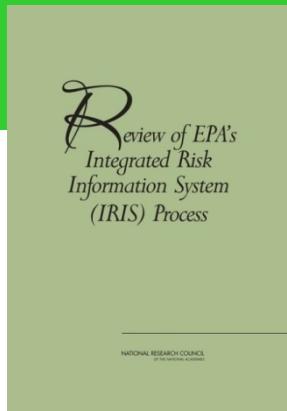
Advancing Dose- Response Analysis: Combining Multiple Studies

IRIS already uses multiple studies

- Candidate values from different studies for each health outcome
- Different databases for different parameters in complex models

How to combine human studies in a systematic and replicable manner?

How to derive confidence bounds from different experimental systems with divergent results?



A small image of a bouquet of purple iris flowers is located in the top left corner.

Session 3a: Advancing Dose-Response Analysis: Combining Multiple Studies

- Which criteria should be considered in a replicable process for selecting studies to combine for deriving central estimates or bounds?
- In the absence of mechanistic information to identify the most appropriate studies, what is the best way to derive a bound from studies with biologically diverse results in different experimental systems?