

# General Observation

There was good discussion on different elements of Systematic Review (SR)

There appeared to be disparate views at the conceptual (and maybe) detailed level

**Important contributor to these differences is a lack of shared understanding of how SR is being incorporated into the IRIS process.**

- Are we all talking about the same thing?
- Do we all really know what the different SR element will look like when done from an IRIS context?
- Is there a shared understanding of:
  - The different steps?
  - The interim and final deliverables?
  - Opportunities for stakeholder involvement?
  - What steps might overly complicate the process? Accelerate? Increase the quality of the assessment?

# Recommendation:

## Establish a three month “IRIS Systematic Review Experience”

- Define 1 or 2 narrowly circumscribed case studies that would enable a group effort to work thru the different elements of Systematic Review

### Objectives:

- Enable those interested to move away from conceptual discussion to specifics
- Actively engage to understand first hand without having a vested interest
- Establish a much greater shared understanding of the SR elements
- What they might look like
- Differences in perspectives/viewpoints
- Begin to identify factors (some necessary, some not necessary) that are complicating and those that could facilitating the process.

Experience will hopefully be useful to EPA as they implement SR in the IRIS program.

# IMPLEMENTATION

Establish publicly available forum to enable anyone interested to observe and contribute.

A. Identify 1 or 2 chemicals (most likely not an IRIS chemical, but could be)

B. Identify 1 or 2 endpoints

C. Formulate a relatively narrow “Problem” based on a priori knowledge of A and B

D. Select manageable set of published papers (~24?)

E. Begin the Systematic Review Process as a group activity working thru each of the different steps.

F. Periodic conference calls/web briefings

- Beginning/Problem Formulation
- Protocol Development Stage
- Data Evaluation

H. Three months would be allocated to the effort.

I One or two coordinators/facilitators designated to move the Experience Along

J. 6 person Editorial Board charged to make final decision on the interim steps to keep the process moving so completed within three months.