

# Source Term Standardization

As a community, we are suffering because our products look so different, even for the same event. There are steps we can take:

- We can make sure we produce outputs in a form that is suitable for sharing and for common presentation – shape files.
- We need to specify clearly what driving meteorology we use.

But even then, we will still suffer because we make different source term assumptions.

Could we agree to adopt scenario-specific source term assumptions?

It has been suggested that we use a three-level source term assumption for each scenario –

1. Small
2. Medium
3. Large

## What are the current scenarios of importance?

- Urban chemical weapons release
- “Dirty Nuke” (RDD)
- Nuclear power plant/fuel storage attack
- Anthrax line release
- Bulk storage (chemical)
- Pipeline venting
- Train derailment
- Low-yield fission bomb (IND)

Let s discuss –

1. Is there profit in promoting the standardized source term approach?
2. Are there any scenarios that need to be added to the list?
3. Can we take a crack at setting standard source terms?