## Q&A

- **Advancia Corporation:** Have you taken this model to Japan and tried to apply it in a real-world accident?
    - **Andrew (AJ) Nosek:** Good question. The NRC has for the atmospheric transport modeling aspect. One thing I did not mention is that we have added more capabilities to our transport codes, and we have used that to try and compare to the releases at the Fukushima event. We are working on policies applied at NRC and are trying to find the gaps.
- **Battelle:** What is the typical output of your model?
    - **Andrew (AJ) Nosek:** The three different modules are combined in one code. This is hidden to the user and just carried over the other modules. The spatial domain is a polar coordinate system and each of those grid elements capture the air and ground concentrations to carry that into the next stage. I am not sure what form that is in.
- **Serco Inc.:** I am familiar with the MACCS suite. This is legacy Fortran, and it is old script language. It is up to the user to extract the information. I am happy to see you obtained some graphical output. Do you have any insight on the comparison between MACCS and RESRAD?
    - **Andrew (AJ) Nosek:** I do not have any comparisons to show, but I think that would be an interesting comparison to make. I also think it also depends on how you are using RESRAD.