

The Work Group will develop a common basis for specification of source and sensitive areas during Phase II for use in the development of refined transfer matrices for application in Phase III and beyond. This effort will be coordinated with other Work Groups as appropriate for their particular areas of responsibility.

The specification of sensitive areas is primarily the responsibility of Work Group 1, in coordination with Work Group 2. However, in order to commence modeling work, Work Group 2 chose sensitive areas that had been previously identified in the work of ARMS and of the RCG.

The Canadian sensitive receptor areas, which are actually specified as points by latitude and longitude coordinates, and the ARMS sensitive areas are listed in Appendix 6. Six of the 9 Canadian receptor areas fall within the 10 ARMS sensitive areas; two of the Canadian receptor areas are close to ARMS sensitive areas; and two of the ARMS sensitive areas are not included in the Canadian list (Arkansas and Florida). The ARMS sensitive areas were purposely selected to include at least several SURE grid squares (usually 4) and to include areas in which adverse ecological impacts from acid deposition had been detected or were considered probable. (The principal reason for selection of each of the 10 ARMS sensitive areas is provided in Appendix 6).