

SHALL CONDUCT INDEPENDENT RESEARCH AND MONITORING STUDIES WHERE NECESSARY.

(C) (1) THE DEPARTMENTS, IN COOPERATION WITH THE PARTICIPATING AGENCIES, SHALL CONSULT WITH AND INVOLVE INTERESTED PARTIES, INCLUDING AFFECTED PRIVATE SECTOR INDUSTRIES AND RESOURCE CONSERVATIONISTS, IN THE COMPREHENSIVE EVALUATION IN PARAGRAPH (1) OF SUBSECTION (B) OF THIS SECTION.

(2) THE INTERESTED PARTIES SHALL PARTICIPATE IN THE PLANNING OF THE RESEARCH PROGRAM AND MONITORING ACTIVITIES, THE DESIGN OF SPECIFIC PROJECTS, THE REVIEW OF THE RESULTS OF STUDIES, AND THE PRODUCTION OF FINAL REPORTS.

3-3A-03.

(A) THE DEPARTMENTS SHALL DESIGN AND OPERATE A COMPREHENSIVE RESEARCH AND MONITORING PROGRAM THROUGH:

(1) NEW STUDIES ON ISSUES AFFECTING THE STATE;

(2) APPLICATION OF THE RESULTS FROM ONGOING AND COMPLETED PROJECTS SPONSORED BY THE STATE; AND

(3) THE RESULTS OF RESEARCH CONDUCTED BY THE NATIONAL ACID PRECIPITATION ASSESSMENT PROGRAM AND OTHER PROGRAMS FUNDED BY THE FEDERAL AND STATE GOVERNMENTS OR PRIVATE INSTITUTIONS.

(B) THE COMPREHENSIVE RESEARCH AND MONITORING PROGRAM SHALL:

(1) DETERMINE THE RELATIVE CONTRIBUTIONS, IF ANY, TO ACID DEPOSITION IN THE STATE OF VARIOUS SOURCES OF ACID DEPOSITION PRECURSOR EMISSIONS;

(2) DETERMINE IF ACID DEPOSITION VARIES SIGNIFICANTLY FROM 1 GEOGRAPHIC REGION OF THE STATE TO ANOTHER AND IDENTIFY THE RELATIVE CONTRIBUTION OF VARIOUS SOURCES OF PRECURSOR EMISSIONS RESPONSIBLE FOR THIS VARIABILITY;

(3) EXPAND AND IMPROVE IMPACT DATA BASES THROUGH THE COMPILATION OF EXISTING DATA ON PRECIPITATION AND SURFACE WATER CHEMISTRY, IMPROVED QUALITY CONTROL, AND STANDARDIZATION OF SAMPLING AND ANALYTICAL TECHNIQUES;

(4) IDENTIFY REGIONS, LOCALIZED AREAS, OR SPECIFIC ECOSYSTEMS OF THE STATE ESPECIALLY SENSITIVE TO ACID DEPOSITION;

(5) ASSESS THE CONSEQUENCE OF THE ENVIRONMENTAL IMPACTS OF ACID DEPOSITION ON RESOURCES SUCH AS SURFACE WATER, GROUNDWATER, CROPS, FORESTS, FISHERIES, AND STRUCTURES;

(6) IDENTIFY AND EVALUATE THE TECHNOLOGICAL EFFECTIVENESS, IF ANY, AND ECONOMIC COST OF TECHNOLOGIES AND NONCONTROL MITIGATIVE TECHNIQUES THAT ARE FEASIBLE FOR USE IN THE