

## NASIS – Advanced Report Writing (000185)

Description: This training will provide soil scientists with the skills needed to perform complex data manipulations and formatting required to create specialized reports.

Prerequisites: Basic NASIS and Basic Report Writing, plus extensive experience writing reports.

Audience: Any National Cooperative Soil Survey partner

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CPEs: 2.4

Source: Agency

Contact Hours: 24

Delivery Method: Classroom

Goals: Upon completion of this training, participants will be able to:

1. Explain cross tabulation, regroup, and other forms of aggregation.
2. Explain the BASE TABLE concept and behavior of multiple EXEC SQLs.
3. Explain the use and behavior of aliases and OUTER joins.
4. Explain parametric queries and the use of variables.
5. Describe the effect of data manipulations on the database view.
6. Describe report iteration processing and explain conditional sections.
7. Describe the use of sub reports and temporary tables.
8. Explain constructs used in mathematical operations and other data transformations.
9. Recognize sources of error in report scripts.
10. Plan effective strategies for writing reports.

Needs Approval