

CV-SALTS Questions for Current State and Regional Data Sources and Database Management Systems

Introduction

The CV-SALTS Technical Committee is working to evaluate the existing sources and systems for historic and current water quality data for its work in Basin Planning to evaluate Beneficial Uses and Surface and groundwater Objectives and for Salt and Nutrient Planning efforts. In order to limit overlap and duplicative work CV-SALTS is endeavoring to utilize existing systems and sourced of data to do its work. In order to assess each source the Committees have developed the following list of questions to help prepare presenters and focus discussion.

CV-SALTS Data Questions

1. What is the primary user of your system and how is the data generated and used?
2. What data does the database/source have for water quality specifically for salt related constituents and nutrients?
3. What data does the database/source have for water flow, diversion or well levels to assist in determining water balance?
4. Has the system been used to support a Basin Planning effort in the past?
5. What is the structure of your data management system and the development rationale?
6. Is the system geographically based with accurate locations or connected with GIS if so what GIS?
7. In loading data how do you prevent duplication of data already in the system?
8. Who loads data and in what formats?
9. How frequently is the source information updated, what monitoring plans that use this system?
10. Does the system contain historic data if so how far back does the data exist?
11. What is the completeness of the historic data especially on salt and nitrate?
12. What are the issues you have encountered or believe CV-SALTS will encounter in using your database/source for planning work?
13. How does your database system exchange data with other sources or repositories of data?
14. What metadata is carried by the system and in what format, who develops it?
15. How do you see CV-SALTS working with your system and data?
16. What level of willingness and resources do you have to work with CV-SALTS?
17. What modeling systems interface directly with your data systems?
18. Does your system contain data on discharges or sources of salt or nitrates?
19. How is your system funded, development and operation, do you have any recommendations for CV-SALTS in funding
20. Do you have any recommendations for CV-SALTS on data management