

PLANS FOR ENHANCED ACCESS TO AQS DATA

ED LILLIS

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US EPA/OAQPS

PURPOSE

PROVIDE BRIEF OVERVIEW OF:

CURRENT AQS DATA ACCESS

RECENT CONCERNS

IDENTIFY NEW DATA ACCESS PRODUCTS

AQS

- STORES A/Q DATA NEEDED TO SUPPORT THE NATIONAL AIR POLLUTION CONTROL PROGRAM
 - DATA FOR OVER 10,000 MONITORING SITES
 - SOME DATA DATE BACK TO 1950'S
- PROVIDES DIRECT ACCESS TO A/Q DATA TO REGISTERED USERS
 - ABOUT 630 REGISTERD USERS
 - S/L/T AGENCIES, EPA AND EPA CONTRACTORS
- AQS DATA ARE USED TO RESPOND TO MANY DATA REQUESTS
 - -AIRDATA, CUSTOMIZED RESPONSES, NATIONWIDE DATA FILES, ETC

AQS RETRIEVALS

- AQS HAS 27 DIFFERENT REPORTS AND/OR WORKFILES
- REPORTS ARE BASED ON INPUT FROM AQS USERS
 - REQUESTS FOR NEW OR MODIFIED REPORTS AT AQS CONFERENCE
- MANY REPORT FORMATS ARE SIMILAR TO THOSE USED IN THE AQS MAINFRAME
 - AQS USERS SEEM COMFORTABLE WITH ESTABLISHED FORMATS

SOME RECENT CONCERNS

LIMITED ACCESS TO DETAILED AQS DATA FOR NON-REGISTERED AQS
USERS

TIMELINESS OF DATA IN AQS

LIMITED DATA ANALYSIS CAPABILITY

CURRENT ACCESS TO A/Q DATA

- CURRENT AIR QUALITY DATA PRODUCTS
 - AQS-- AQS DATA IS AVAILABLE TO REGISTERED USERS
 - ALL SUMMARY DATA; LATEST 10 YEARS OF DETAILED DATA
 - ACCESS TO HISTORICAL DETAILED DATA UPON REQUEST
 - AIRDATA-- WEB APPLICATION PROVIDING ACCESS TO AQS SUMMARY DATA
 - AIRNOW- ACCESS TO REAL-TIME OZONE AND PM 2.5 A/Q DATA

IMPROVE ACCESS TO AQS DATA

- OAQPS IS DEVELOPING AN AQS RAW DATA MART AS PART OF EPA'S NEW DATA WAREHOUSE (JAN 2005)
- NON-REGISTERED AQS USERS WILL BE ABLE TO OBTAIN DETAILED AQS DATA ON-LINE

IMPROVE TIMELINESS OF DATA IN AQS

- OAQPS PLANS TO REVIEW REPORTING REQUIREMENTS
- CONSIDER MORE TIMELY SUBMITTAL OF DATA TO AQS
 - CURRENT RULE ALLOWS DATA COLLECTED IN JANUARY TO BE SUBMITTED IN JUNE
 - IN COMPARISION, DATA IS SUBMITTED TO AIRNOW THE SAME DAY IT IS COLLECTED

IMPROVE DATA ANALYSIS CAPABILITY

- AQS RAW DATA MART WILL PROVIDE DATA ANALYSIS CAPABILITIES
- OAQPS ALSO PLANS ON MAKING INTERNAL DATA ANALYSIS APPLICATIONS AVAILABLE TO EXTERNAL USERS
 - AIRQUEST

FOR MORE INFORMATION

- NICK MANGUS
 - AQS TEAM MEMBER
 - AIRQUEST TEAM MEMBER
 - AIR DATA MART, TEAM LEADER