

Q&A Session for Hydro Seminar Series - Episode 4

Session number: 710783321

Date: Thursday, September 24, 2015

Starting time: 1:36 PM

Q: Are the series recorded? If so where can we access the recordings?

A: We are trying to get all past series shared on the hydro seminar series website at <http://nhd.usgs.gov/HydrographySeminarSeries.html>.

Q: Are there any local subgroups working on SPARROW or is this one national group effort?

A: Within USGS, SPARROW is primarily coordinated through the NAWQA Program. Steve Preston is the main contact. There are many regional and local applications of SPARROW modeling in both USGS and academia. Visit <http://water.usgs.gov/nawqa/sparrow/>

Q: Are there plans to incorporate EPA Monitoring or State Monitoring Data?

A: EPA and other state and local monitoring programs are included in current SPARROW model development. This is part of the NAWQA program's National Data Aggregation (NDA). Jeff Deacon would be the contact. jrdeacon@usgs.gov 603-226-7812

Q: Is there any movement to incorporate models on nutrient loading on great lakes (algal blooms) or Gulf of Mexico?

A: Yes, there are a number of SPARROW models that could be applied in the Great Lakes Region. Dale Robertson would be the contact. dzrobert@usgs.gov 608-821-3867

Q: How do you handle representing properties of lentic water bodies that are not included in the NID?

A: It depends on the scale (area covered) by the model, available data sources, and the contaminant modeled. For instance, sediment may require a different specification than nutrients in terms of the impact of transport. We can use information like surface area defined by the NLCD (National Land Cover), we can use NHD (National Hydrography Data) waterbody features (both medium res and high res). Smaller model areas, lidar may be used to estimate depressions depicting smaller water features.

Q: EPA has a lot of specific regional and local water quality data - can these be incorporated into your data?

A: Yes, any water quality data in STORET would be included in the NDA. Nutrient and sediment monitoring data have been given the priority of associating to Medium-res NHD because of the modeling applications in development. Yes, there are a lot of stations and different constituents over a long period of record. All have not been associated, although we have the methods and capability. Jeff Deacon would be the contact for monitoring information. jrdeacon@usgs.gov 603-226-7812. Craig Johnston cmjohnst@usgs.gov 603-226-7843 would be the contact for monitoring associated to NHD.

Q: Will Mr Brakebill's SPARROW presentation be able online?

A: Yes. Recorded presentations will be shared on the seminar series website <http://nhd.usgs.gov/HydrographySeminarSeries.html>

Q: Last I checked, ICWater only ran on Windows XP. Has ICWater been updated to use more current operating systems?

A: I do not know the answer to this question - John Brakebill

Q: Is NM considering the WBD as part of the NHD during their planning for the NHD/3DEP updates?

A: I am not an authority here, but yes, I believe it is.