Gerald Burnette
E-mail: gburnette@hgl.com

The 900-Pound Gorilla: A Case Study of How STORET Affects the Development of Other Data Management Tools

In 1996, I began developing a surface water quality data management system called DASLER (**D**ata Management and **A**nalysis **S**ystem for **L**akes, **E**stuaries, and **R**ivers). The system was originally developed for the US Army Corps of Engineers, but has since been adapted for other organizations. This presentation will illustrate how the development of DASLER has been affected by the evolution of STORET.

When DASLER was first developed, STORET was still using the old methodology of submitting data through ASCII files. It was quite simple to meet Corps requirements for STORET submissions at that time. When the new STORET was released, the existing process could no longer be used. This required a major revision to DASLER; that update was partially funded by EPA. As DASLER has continued to evolve and be applied to other organizations, the STORET influence has become more pronounced. The presentation will highlight the additional capabilities that have been introduced into DASLER to meet STORET requirements, and also discuss differences in approach between the two systems and how they have been resolved.