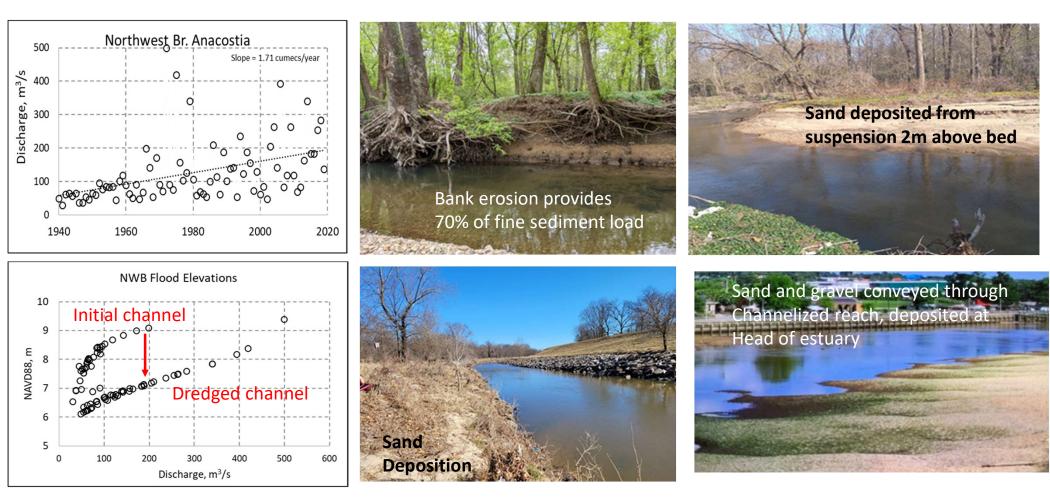
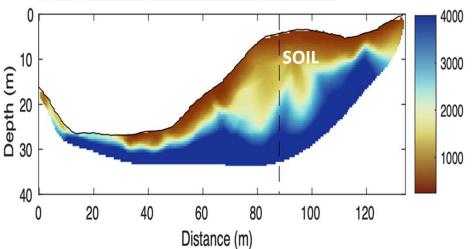
## Urban runoff and channelization increases discharge, bank erosion, and stream hydraulics



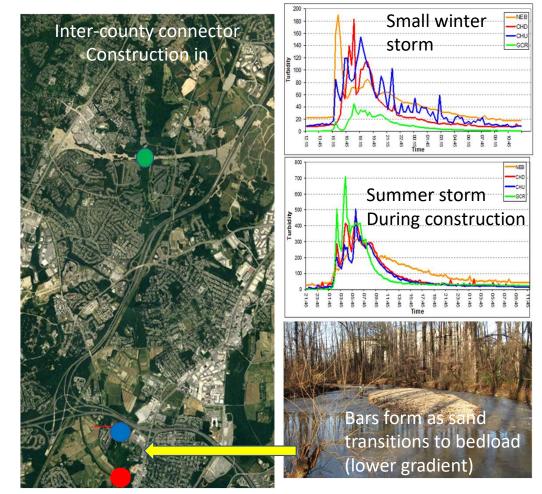
## What is the source of sand? Erosion of subsoils, from road and other construction



**Core Samples** Note white, Sandy subsoil Derived from Weathering Of granitic rocks



Soils are thickest under flat ridge-tops, where Most development takes place



## Bed sand changes mechanics of gravel transport

