

## **Updated - Summary of Suggested Topics for the Commission's Technical Committee**

### ***Topics suggested by SCC Members:***

- Topics related to rainfall/storm intensity/extreme weather events:
  - Are current sedimentation erosion control practices meeting state/local specific needs with increasing amounts and increased regularity of precipitation? For example, are the standards and BMPs for assessing 10 year return storm volumes, etc. and associated volumes appropriate now and/or into the future?
  - Are there correlations between BMP failures with increasing/repeated intensity events? Are there seasonality impacts?
  - How will projected increases in precipitation for NC/local areas across the state influence E&SC practices into the future?
- How are other south east states assessing and addressing legal requirements and changing needs in sedimentation and erosion control planning early in the design process?
- Potential applications of unmanned aerial vehicles (UAV) for monitoring and enforcement of SPCA.
- Looking at new products that may want to include in the Design Manual, example:
  - CRAFS – corrugated retention & filtration system
- Larger overarching discussion/brainstorming session of why there is still so much sediment pollution in our waterways. What the issues are, what tweaks can be made now to address the issues, and what the long range goals/plan should be.
- How effective requiring erosion control plans for sites under an acre would be, what local governments are doing and what's working for them.
- Are the current construction entrance requirements effective?
- Reducing plastics in erosion and sediment control products

### ***Topics suggested by LQS Staff***

- Design Manual Topics, example:
  - Seeding, and further incorporating native seeds
  - Adding Silt Fence Outlets, Silt Sack Curb Inlet Protection and Gravel Bag Curb Inlet Protection measures
  - Remove asphalt tackifier from the design manual/construction details
- Updating E&SC Field Manual (last updated in 2003/04)
- Updating E&SC Inspectors Guide (hasn't been updated since it was published in 1992)