

# Suwannee Basin Science Workshop 2004

Wednesday, September 22, 2004

Hydrogeology Session

Summary Presented September 23

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# Most common priorities

- **Surface/groundwater interaction (5)**
  - Data needs and water budget
- **Establish MFL's (4)**
  - and delineate spring-shed basins (2)
  - and land use policy, especially for middle and upper Suwannee (2)
- **Water use and availability (2)**
  - Political boundary affects quantity/quality
  - Scaling issues and integration
  - Inter-state (FL & GA)

# Hydrogeology Issues cont.

- Riverine and GW impacts to estuary
- Timeline of natural and human events in basin: complete history
- Adequate biotic and abiotic monitoring basin-wide
- Geologic control of permeability: missing
- Recharge: big data gaps
- Relate water availability to climate change and development plans

# Threats

- **Nutrients**
- **Contamination**
- **Over withdrawal**
- **Cross-basin transfers**
- **Lack of coordination with GA land use**

# Hydrogeology issues cont.

- **Coordination**
  - Of ongoing activities and sharing of equipment
  - More involvement with GA basin
  - Develop and assess management practices
  - Data inventory and integration
    - Identify data gaps (GW, geology, frequency and density, multidisciplinary, long-term)
  - Master Plan



# Breakout groups Thursday

- Distinguish between what **WAS** done and what **NEEDS** to be done
- Existing funding **VERSUS** real needs
- **BRAINSTORM** first without judgment
- **THEN** let participants set 3 priorities
- **IF** time allows, discuss timeliness, science value, management value, and...