

Watershed Management, Restoration and Rehabilitation

Key issues

1. Hydrologic restoration related to streams, wetlands, forests, urban/suburban areas
2. Development of planning tools (models and inputs for models)
3. Environmental economics related to ecosystem services
4. Restoration/LID (low impact development) guidance, particularly sharing of lessons learned
5. Sediment and erosion control, particularly as it relates to certification
6. Development/improvement of restoration techniques (streams, wetlands, forests) and LID techniques

Products/outputs

1. For each land grant institution, identify research and extension faculty who work on watershed management, restoration and rehabilitation issues.
2. Publications (refereed journal articles, extension publications, fact sheets, and white papers)
3. Webinars
4. YouTube videos
5. Restoration/rehabilitation and LID atlas (web-based; identification of projects in southern region; include information on project)
6. Standardization of assessment procedures for monitoring streams restoration projects, LID projects
7. Development of citizen watershed watch procedures for LID practices (similar concept to what exists for streams)
8. Conferences

Novel/emerging issues

1. Ecosystem services
2. LID