

PREFACE TO THE FIFTH EDITION

The fourth edition of the "Manual for Erosion and Sediment Control in Georgia" has been revised with a focus on erosion control. Implementation of newly researched products has been incorporated to expand on the traditional erosion and sediment control practices included in the fourth edition. These new products have been proven to aid in controlling erosion and subsequent sedimentation in a cost-effective manner.

It is important that this publication is used as a guideline and that "creativity" must be utilized when necessary to fully protect a site from erosion and subsequent sedimentation. The fifth edition has been modified to include detailed guidance on what is required on erosion and sediment control plans.

Several important additions and changes have been incorporated into the fifth edition. The definition of "stabilized" and "final stabilization" as well as time-lines for the application for vegetation have been included. Eight new practices have been added. These are Construction Road Stabilization, Stream Diversion Channel, Filter Ring, Disturbed Area Stabilization (With Sodding), Erosion Control Matting and Blankets, Polyacrylamide (PAM), Streambank Stabilization, and Tackifiers and Binders.

Every effort has been made to incorporate pertinent aspects of the Georgia Department of Transportation's erosion and sediment control specifications. Additional information on "linear" projects has been included as well.

It is hoped that users of this manual will realize the significant changes and recognize that technology changes rapidly in the erosion and sediment control arena. The Commission is dedicated to providing the State of Georgia with the latest "proven" erosion and sediment control practices.

The Commission is appreciative of all of the help and guidance received during the revision of the manual. Many thanks go to the Georgia Department of Transportation, Natural Resources Conservation Service, DNR Environmental Protection Division, DNR Wildlife and Fisheries, University of Georgia, UGA Institute of Ecology, Gwinnett County Planning and Development, the Upper Chattahoochee Riverkeeper, and Jim Spotts Ph.D., CPESC.