Ecology Useful Links

Ecology Resource Survey Guidebook

Information for Planning and Consultation (IPaC): https://ecos.fws.gov/ipac/


Georgia's Natural, Archaeological, and Historic Resources GIS (GNAHRGIS): https://www.gnahrgis.org/gnahrgis/index.do


Water Resource Delineation Guidebook


USACE Regional Wetland Plant List: http://wetland-plants.usace.army.mil/nwpl_static/v33/home/home.html

NRCS Field Indicators of Hydric Soils in the US:  

Protected Species Guidebook  
NOAA Fisheries Section 7 Checklist and Section 7 Checklist Procedures:  
https://www.fisheries.noaa.gov/region/southeast  

Endangered Species Act Section 7: Interagency Consultation in the Southeast United States:  
https://www.fisheries.noaa.gov/region/southeast  

NOAA Fisheries Programmatic BE on the Effects of Transportation Activities and Projects Regularly Undertaken in NC, SC, and GA:  

USFWS Endangered Species Act Document Library:  
https://www.fws.gov/endangered/esa-library/index.html  

USFWS and NMFS Habitat Conservation Planning and Incidental Take Permit Processing Handbooks:  
https://www.fws.gov/endangered/what-we-do/hcp-overview.html  

Effects Determination Guidance for Endangered & Threatened Species (EDGES):  
https://www.sas.usace.army.mil/Regulatory/Permitting/EDGES/  

User’s Guide for the Range-wide Programmatic Consultation for Indiana Bat and NLEB:  
https://www.fws.gov/midwest/endangered/section7/fhwa/index.html  

Programmatic Biological Assessment for Transportation Projects in the Range of the Indiana Bat and NLEB:  
https://www.fws.gov/midwest/endangered/section7/fhwa/index.html  

Programmatic Biological Opinion for Transportation Projects in the Range of the Indiana Bat and NLEB:  

GADNR Excel spreadsheet for electronic submission of rare taxa element occurrence data:  
https://georgiawildlife.com/conservation/species-of-concern  

Miscellaneous Resources Guidebook  
Essential Fish Habitat (EFH) Habitat Designations:  
https://safmc.net/essential-fish-habitat/  

Programmatic EFH Assessment for Transportation Activities and Projects Regularly Undertaken in NC, SC, and GA:  
Marine Mammals Incidental Harassment Authorization:
https://www.fisheries.noaa.gov/protected-species-permits,
https://www.fws.gov/ecological-services/

EFH Mapper: https://www.fisheries.noaa.gov/resources

USFWS Southeast Region's Eagle Technical Assistance:
https://www.fws.gov/southeast/our-services/eagle-technical-assistance/

USFWS National Bald Eagle Management Guidelines:
https://www.fws.gov/northeast/ecologicalservices/eaglenationalguide.html

NWI Wetlands and Deepwater Map Code Diagram:
https://www.fws.gov/wetlands/index.html

USACE Section 10 waters in Georgia List:
https://www.sas.usace.army.mil/Missions/Regulatory/Regulatory-Program/

EDDMapS: https://www.eddmaps.org/


Buffer Variance Guidebook


EPD Buffer Mitigation Guidance: https://epd.georgia.gov/watershed-protection-branch/erosion-and-sedimentation

EPD 303(d) List & TMDL Implementation Plans: https://epd.georgia.gov/watershed-protection-branch/total-maximum-daily-loadings/final-total-maximum-daily-loadings-tmdls


Manual for Erosion and Sedimentation Control in Georgia:
https://gaswcc.georgia.gov/documents-list


Georgia MS4 Areas: http://www.dot.ga.gov/PS/DesignManuals/DesignGuides
Waters Impact Assessment Guidebook

USACE Standard Operating Procedure for Compensatory Mitigation:
https://www.sas.usace.army.mil/Missions/Regulatory/Mitigation/


Regional Permit Guidebook

USACE Savannah District Regional Permits 30-35:
https://www.sas.usace.army.mil/Missions/Regulatory/Permitting/General-Permits/Regional-General-Permits/

USACE Real Estate Outgrant: http://www.dot.ga.gov/PS/DesignManuals

Nationwide Permit Guidebook

USACE 2017 Nationwide Permits & General Conditions:
https://www.usace.army.mil/Missions/Civil-Works/Regulatory-Program-and-Permits/Nationwide-Permits/

USACE Savannah District Nationwide Permit Regional Conditions:
https://www.sas.usace.army.mil/Missions/Regulatory/Permitting/General-Permits/Nationwide-Permits/

RGL 05-07: https://www.usace.army.mil/Missions/Civil-Works/Regulatory-Program-and-Permits/

Inland Testing Manual: https://www.epa.gov/cwa-404

Individual Permit Guidebook

USACE Savannah District Regulatory Guidelines to Evaluate Proposed Mitigation Bank Credit Purchases in the State of Georgia:
https://www.sas.usace.army.mil/Missions/Regulatory/Mitigation.aspx

CESAS Form 19 (Joint Application Form) & Instructions:
https://www.sas.usace.army.mil/Missions/Regulatory/Permitting/Individual-Permits/Standard-Permit/

Chapter 5 of the PDP (PAR): http://www.dot.ga.gov/PS/DesignManuals/DesignGuides
USACE 404(b)(1) Guidelines:
https://www.sas.usace.army.mil/Missions/Regulatory/Permitting/Individual-Permits/Standard-Permit/

Miscellaneous Permits Guidebook
TVA Section 26a Checklist (): https://www.tva.gov/Environment/Shoreline-Construction/Application-Instructions
## Guidebook Revision History

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