

Water Resources Center Annual Technical Report FY 2001

Introduction

None

Research Program

None

Basic Information

Title:	Preventing the Initiation of Biofouling of Membrane Bioreactors in Wastewater Treatment
Project Number:	2001OH1021B
Start Date:	3/1/2001
End Date:	8/31/2002
Research Category:	
Focus Category:	Waste Water, Treatment, None
Descriptors:	16S rRNA, biofouling, membrane bioreactor, wastewater treatment
Principal Investigators:	Daniel Barton Oerther , Dionysious Dionysiou , George A Sorial

Publication

Basic Information

Title:	Origin and Transport of Radioactive Ra-226 in Coal-Mine Effluent, Perry County, Ohio
Project Number:	2001OH2361B
Start Date:	4/1/2001
End Date:	2/28/2002
Research Category:	
Focus Category:	Radioactive Substances, Surface Water, Geomorphological and Geochemical Processes
Descriptors:	Radium-226 in mine effluent
Principal Investigators:	Gunter Faure

Publication

Basic Information

Title:	Sediment Loads and Conservation Tillage in the Maumee River Watershed
Project Number:	2001OH2821B
Start Date:	4/1/2001
End Date:	3/31/2002
Research Category:	
Focus Category:	Sediments, Non Point Pollution, Models
Descriptors:	geographic information systems, drainage, agriculture, hydrologic models, sedimentation, nonpoint source, watershed management, soil erosion
Principal Investigators:	Douglas Bartlett Moog , Peter John Whiting , Gerald Matisoff

Publication

Basic Information

Title:	Hydrological reconnection of a coastal wetland to Lake Erie: potential for outwelling of organic matter?
Project Number:	2001OH2922B
Start Date:	6/1/2001
End Date:	5/31/2002
Research Category:	
Focus Category:	Wetlands, Ecology, Hydrogeochemistry
Descriptors:	coastal wetland, stable isotope, restoration, Lake Erie, outwelling
Principal Investigators:	Virginie Bouchard

Publication

Basic Information

Title:	The interactive effects of hydrology and fertility on synthesized wetland plant communities
Project Number:	2001OH3821B
Start Date:	3/1/2001
End Date:	2/28/2002
Research Category:	
Focus Category:	Wetlands, Hydrology, Ecology
Descriptors:	watershed management, restoration, wetland plants
Principal Investigators:	Lauchlan Hugh Fraser

Publication

Basic Information

Title:	Methodology for Estimating Total Maximum Daily Load in Watersheds with Considerable Ground-Water Surface-Water Interaction
Project Number:	2000OH9G
Start Date:	10/1/2000
End Date:	10/1/2002
Research Category:	Water Quality
Focus Category:	Hydrology, Non Point Pollution, Nutrients
Descriptors:	
Principal Investigators:	Frank Schwartz , Maged Hussein

Publication

Information Transfer Program

USGS Summer Intern Program

Student Support

None

Notable Awards and Achievements

None

Publications from Prior Projects

None