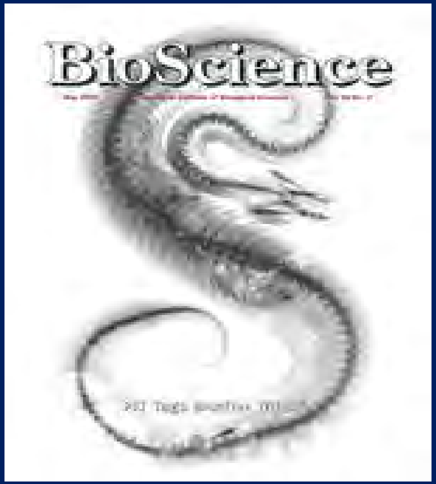
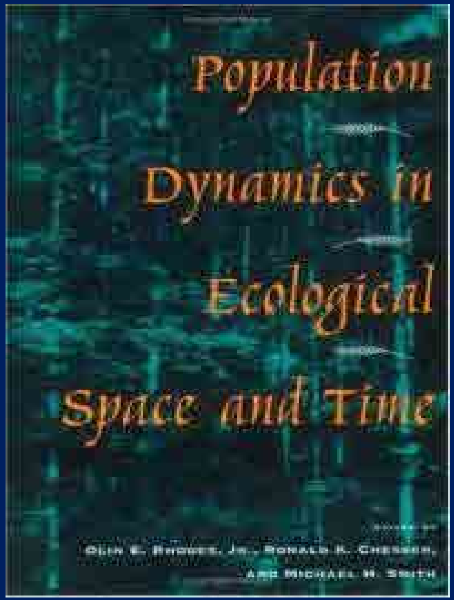
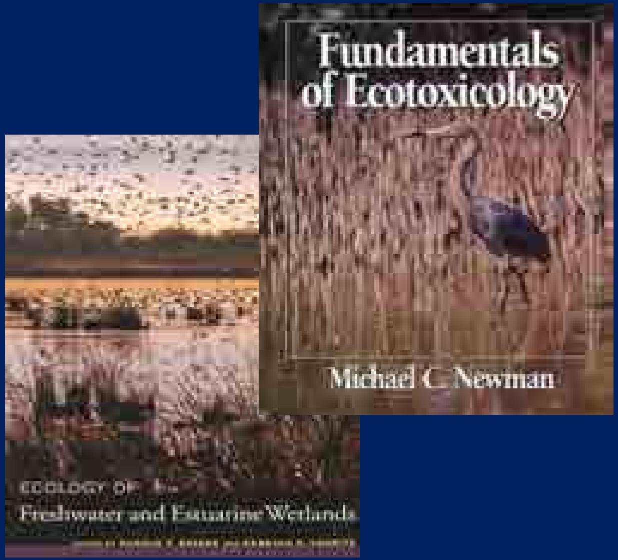
SREL Research Program's

- >3615 peer-reviewed scientific publications to date
- 64 books







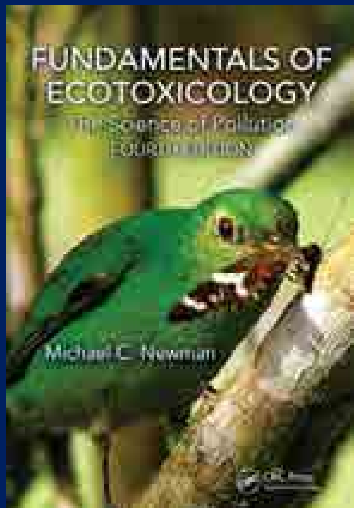
Types of Projects on SRS

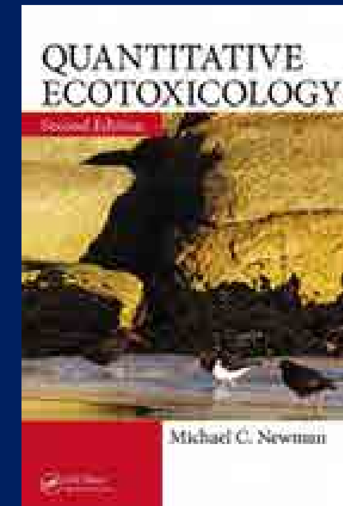
- Remediation/Monitoring of Contaminants (DOE-EM, DOE-NNSA)
- Biogeochemistry of Metal Remediation (DOE-NNSA)
- Tritium Cycling (DOE-EM, DOE-NNSA)
- Grout Biogeochemistry (SRR)
- Stream Assessment and Restoration (USFS)
- Pollinator Habitat Enhancement/Reclaimation (DOE-EM)
- Food Web Dynamics (DOE-EM, DOE-NNSA)
- Metal Toxicology (Mercury, Copper, Zinc) (DOE-EM, DOE-NNSA)
- Bioaccumulation of Contaminants in Fish and Wildlife (DOE-EM)
- Human – Wildlife Conflicts (Hogs, Deer, Coyote) (USDA, DOE-EM)
- Low Dose Radiation Effects (DOE-EM, NRC)

Types of Projects off SRS

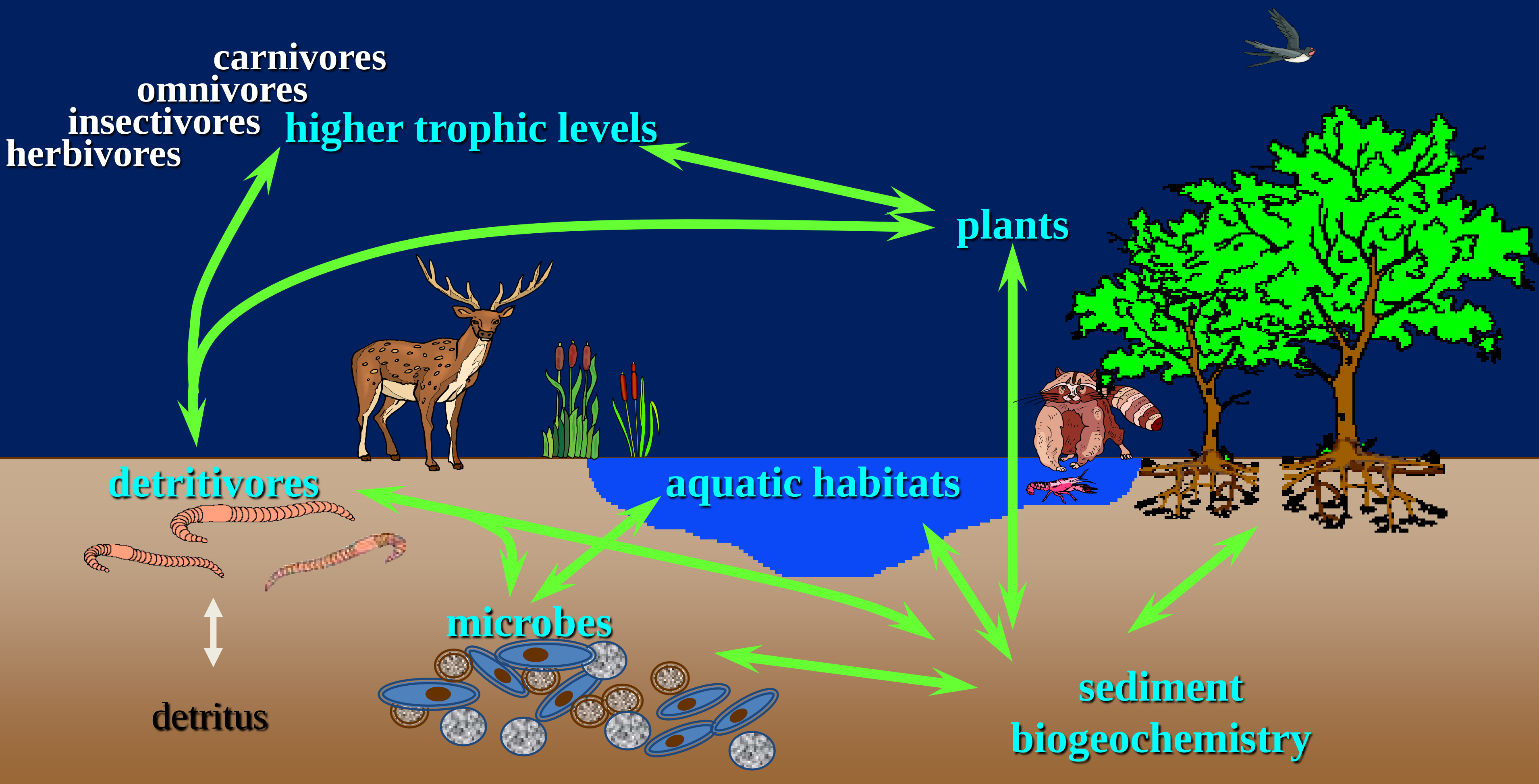
- Radioecology (US, Belarus and Japan) (NSF, NRC)
- Metal Toxicology (Mercury, Copper, Cadmium) (USFWS)
- Contaminant Accumulation in Wildlife Species (DoD, COE)
- Scavenging Ecology and Food Web Dynamics (DoD, USDA)
- Reintroduction of Threatened/Endangered Species (USGS, DoD)
- Wildlife Ecology and Management (USDA, State Agencies, DoD)
- Disease Ecology (Ticks, Mosquitoes, Rabies, etc.) (USDA, EPA)
- Genomics, Proteomics, Epigenetics, and Glycomics (NSF, NIH)

Ecological Impacts of Contaminants





Ecosystems Approach to Ecotoxicology



Environment International
Radiocesium (137Cs) accumulation by fish within a legacy reactor cooling canal system on the Savannah River Site
1. Introduction
Science of the Total Environment
Effects of industrial disturbances on
beetles
Metal accumulation in dragon
constructed wetland effective
1. Introduction
Removal of low levels o
elements – Implication
The performance
How a young w
1. Introduction

Environmental Toxicology

Sediment and Biota Trace Element Distribution in Streams Disturbed by Upland Industrial Activity

INTRODUCTION

forests

MDPI

Article

From Farms to Forests: Landscape Carbon Balance after 50 Years of Afforestation, Harvesting, and Prescribed Fire

Abstract

Keywords

1. Introduction

Wildlife Movement, Behavior, Diseases, and Ecotoxicology










Examining the Ef
Used Stress Parar
mississippiensis)
Efficiency and compositio
interface in the Chernobyl
Variation in metal tolerance associa
Southern toads (Anaxyrus terrestris)
Ecotoxicoparasitology of merc
mammals and their endopara
Science of the Total Environment
Effects of methylmercury on mosquito oviposition behavior: Maladaptive
response to non-toxic exposure


Overview Articles

Where Have All the Turtles Gone, and Why Does It Matter?

JEFFREY E. LOVICH, JOSHUA R. ENNEN, MICKEY AGHA, AND J. WHITFIELD GIBBONS


Research Article

Survival and Movements of Head-Started Mojave Desert Tortoises

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KURT A. BUHLMANN
BRIAN D. TODD
CLINTON T. MOORE
J. MARK PEADEN
TRACEY D. TUBERVILLE

Research on Spatially Explicit Dosimetry