

Kraut Creek Restoration Project

ASU Academic Involvement

Rev. 2-19-07

Biology

Robert Creed BIO 4557 Ichthyology
(participated in PLN 4700 design charrette S 05)

Shea Tuberty BIO 3456 Invertebrate Zoology/Physiology
BIO 35xx Environmental Toxicology

MWindelspecht BIO 1102 Intro to Life Science (labs)
BIO 3500 Independent Study (2-3/semester)
With NCNR, public WQ monitoring and on-line data
Former member, Kraut Creek Committee
Member, Water Resources Planning Committee

Resources Water quality assessment equipment

Chemistry

Carol Babyak Research in electrochemical detection of trace metals in water samples
Water monitoring research project (funded) with C. Thaxton (PHY/AST) and B. Anderson (GLY)
Member, Water Resources Planning Committee

Resources Water quality assessment equipment: field pH, conductivity, dissolved oxygen, flow meters

Geography and Planning

Jana Carp PLN 4700/5700 Project Management (urban ecological design; public design process)
Founding member, Kraut Creek Committee
Member, Water Resources Planning Committee

Jeff Colby Member, Water Resources Planning Committee

Gabrielle Katz GHY 4820/5820 Geographical Hydrology (graduate project S 04)
GHY 3320 Environmental Issues in Appalachia (field trip)
Former member, Kraut Creek Committee
Member, Water Resources Planning Committee

Mike Mayfield GHY 5100 Seminar in Stream Restoration and Riparian Buffers (S 05)
GHY 4820/5820 Geographical Hydrology
GHY 3110 Vegetation, Soils and Landforms
GHY 1010 Intro to Physical Geography (summer)
(participated in PLN 4700/5700 design charrettes S 04, S 05)
Member, Water Resources Planning Committee

Resources GIS support, stream channel survey and velocity measurement equip.

Geology

Bill Anderson GLY 1101 Introduction to Physical Geology
GLY 1103 Introduction to Environmental and Applied Geology
GLY 4620 Hydrogeology
GLY 4703 Advanced Environmental and Engineering Geology

Water-monitoring research project (funded) with C. Thaxton (PHY/AST) and C. Babyak (CHE)
Member, Water Resources Planning Committee

Ellen Cowan GLY 1101 Introduction to Physical Geology (labs; 2 field trips)
GLY 1103 Introduction to Environmental and Applied Geology (labs on rainfall and discharge modelling)
GLY 3333 Geomorphology

Neil Johnson Summer Ventures program with high school students

Students Appalachian Geological Society adopted Kraut Creek through the State of NC

History

Tim Silver HIS 5206 Studies in American History: American Parks (Fall 2006) -- student research project on Durham Park

Physics and Astronomy

Chris Thaxton Water-monitoring research project (funded) with B. Anderson (GLY) and C. Babyak (CHE)
Website
Chair, Water Resources Planning Committee

Sustainable Development Program

Kristan Cockerill IDS xxxx? Water course (field trip)
Member, Water Resources Planning Committee