

The following application was submitted to the MARGINS Office:

Name:

Jonathan Phillips

Category: Professor

Address:

Geography
University of Kentucky
1457 Patterson Office Tower

Lexington, Kentucky 40506-0027
USA

E-mail: jdp@uky.edu

Phone: 859-257-6950

Fax: 859-323-1969

Statement of interest:

I have a long-standing interest in dynamics of fluvial sediment systems, particularly the sources, storages, sinks, and residence time of sediment in fluvial system and sediment delivery to coastal zones. Most recently my work has been particularly concerned with the role of alluvial storage in buffering or otherwise influencing river sediment delivery to the coast. I am interested in pursuing this interest in the Waipoa basin, a different system than the coastal plain rivers I am accustomed to working with, and have been invited to do so by collaborators with previous and ongoing experience in this area.

Short resume:

Jonathan D. Phillips

Professor
Department of Geography
University of Kentucky
859-257-6950
jdp@pop.uky.edu

Employment and Professional Experience

oProfessor, Department of Geography, University of Kentucky, 2000 -

oProfessor and Head, Department of Geography, College of Geosciences, Texas A&M University, 1997 - 2000.

oAssistant to Full Professor, Department of Geography, East Carolina University, 1988-1997. Also adjunct professor of geology.

oAssistant Professor, Department of Geography, Arizona State University, 1986-1988.

oExecutive Director, Pamlico-Tar River Foundation, Washington, N.C., 1984-86.

Education

Ph.D., 1985, Rutgers University. Major: Geography/Geomorphology.

M.A., 1982, East Carolina University. Major: Physical Geography.

B.A., 1979, Virginia Tech. Major: Communications. Minor: Environmental science.

North Carolina High School Equivalency Certificate, 1976.

Awards (post-PhD)

1999. Distinguished Achievement Award for Research. College of Geosciences, Texas A&M University.

1997. G.K. Gilbert Award for Excellence in Geomorphic Research. Geomorphology Specialty Group, Association of American Geographers.

1995. Research Honors Award. Southeastern Division, Association of American Geographers.

1990. Great Blue Heron Award for environmental advocacy, Pamlico-Tar River Foundation, Inc.

1990. Research Achievement Award for New Scholars, Conference of Southern Graduate Schools.

1989. College Research Award, College of Arts and Sciences, East Carolina University.

1987. Environmental Science and Engineering Fellowship, American Association for the Advancement of Science.

Five most recent publications

Phillips, J.D. 2003. Geomorphic impacts of flash flooding in a forested headwater basin. *Journal of Hydrology* in press.

Phillips, J.D. 2003. Toledo Bend Reservoir and geomorphic response in the lower Sabine River. *River Research and Applications* in press.

Phillips, J.D. 2003. Sources of nonlinear complexity in geomorphic systems. *Progress in Physical Geography* in press.

Phillips, J.D. 2002. Erosion, isostasy, and the missing peneplains. *Geomorphology* 45: 225-241.

Slattery, M.C., Gares, P.A., Phillips, J.D. 2002. Slope-channel linkage and sediment delivery on North Carolina coastal plain cropland. *Earth Surface Processes and Landforms* in press.

Five other publications most relevant to this proposal

Phillips, J.D., Marion, D.A. 2001. Residence times of alluvium in an east Texas stream as indicated by sediment color. *Catena* 45: 49-71.

Phillips, J.D. 2001. Sedimentation in bottomland hardwoods downstream of an east Texas dam. *Environmental Geology* 40: 860-868.

Phillips, J.D., Slattery, M.C., Gares, P.A. 1999. Truncation and accretion of soil profiles on coastal plain croplands: Implications for sediment redistribution. *Geomorphology* 28: 119-140.

Phillips, J.D. 1993. Pre- and post-colonial sediment sources and storage in the lower Neuse River basin, North Carolina. *Physical Geography* 14: 272-284.

Phillips, J.D. 1992. Delivery of upper-basin sediment to the lower Neuse River, North Carolina, U.S.A. *Earth Surface Processes and Landforms* 17: 699-709.

- - - - - * - - - - -
ABSTRACT

Title:

Authors:

Abstract:

Wish to include graphics:

Server protocol: HTTP/1.1

Remote host:

Remote IP address: 128.163.125.207