Research Assistantship Available
To work on
Efficient Genetic Algorithm Methodologies for
Surface Water Systems Management
at the Civil & Environmental Engineering (CEE) Department
Old Dominion University, Norfolk, VA

A research assistantship, funded by the National Science Foundation, including full tuition support and a stipend of (up to) $14,000 per year for up to 4 years is available starting in Fall 2004. This research assistantship is intended for a PhD student or a highly qualified master’s student.

The research assistant supported by this NSF research fund will develop, test and evaluate constraint-handling methodologies used in a genetic algorithm optimization framework for watershed management, including applications involving generation of robust management strategies under conditions of uncertainty. Applicants must have a BS degree in Civil Engineering (Water Resources & Environmental Systems Analysis specialty) or a closely related field, an excellent academic record, good interpersonal skills, strong computer programming skills (Fortran 90/95/99, C/C++) and a desire to research the topic described above. Applicants who also have a MS degree in Civil Engineering (Water Resources & Environmental Systems Analysis specialty) are preferred. An academic and/or research background in optimization and evolutionary computation is also preferred.

To ensure timely review of applications for Fall 2004, a resume and personal statement (no longer than 2 pages) must be received via e-mail no later than March 15, 2004, to the attention of:
Dr. Laura Harrell, Project Director, CAREER: Toward Efficient Evolutionary Algorithm Methodologies for Surface Water Systems Management, Old Dominion University, Department of Civil & Environmental Engineering, Kaufman Hall, Rm. 135, Norfolk, VA 23529-0241; fax number (757) 683-5354; email: [lharrell@odu.edu].

Old Dominion University is an equal opportunity educator and employer committed to excellence through inclusiveness. Women and minority candidates are encouraged to apply. For further information, call: (757) 683-6052.