Postdoctoral Research Associate - 4D-VAR assimilation

The School of Computational Science and Information Technology (www.csit.fsu.edu) at Florida State University invites applications for a Postdoctoral Research Associate to pursue work on a project of adjoint variational 4-D data assimilation. The position offers an opportunity to take part in an active program of research related to an NSF funded research grant with the parallel version of FSUGSM spectral model. We are particularly interested in applicants with a Ph.D. in meteorology or a related physical science discipline and expertise in one or more of the following areas: adjoint 4-D variational data assimilation, use of singular vectors, numerical weather prediction modeling, and knowledge of multi-level primitive equations spectral models. Proficiency in programming within a UNIX environment required. Candidates with experience in derivation of adjoint codes for sophisticated model physics, use of full physics spectral models in MPI environments and their adjoint with demonstrated ability to complete and publish results will be preferred. This 12 month position, with possibility of extension to 2 years, is available beginning September 2003. A salary of up to $43,000 per annum subject to candidate qualifications is offered. Applications should include a vita, a statement of research interests and names of at least three references including e-mail addresses and telephone numbers. Applications may be submitted by e-mail, preferably in PDF format to navon@csit.fsu.edu or via normal mail to Prof. I. M. Navon, School of Computational Science and Information Technology, 470 Dirac Science Library Bldg Florida State University, Tallahassee, Florida 32306-4120. Review of applications will begin September 30, 2003 and continue until the position is filled. The Florida State University is an EO/AA, employer committed to diversity in hiring and a public records agency.