

About Cardno ENTRIX

Cardno ENTRIX is one of the leading firms in the North and Latin American countries with respect to natural resources management and environmental consulting. As a member of the global Cardno Limited family, we provide a diverse, passionate, multi-disciplinary team of colleagues and many opportunities for a highly motivated and dedicated scientist to engage in environmentally-critical management solutions. A position on the Cardno ENTRIX team offers a highly-motivated, qualified candidate an opportunity to shape the future and many chances to make a real difference regarding the management of natural resources. Cardno ENTRIX is an Equal Opportunity Employer. For more information visit us at www.cardnoentrix.com / www.cardno.com

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Ecological Modeler

Requisition Number: 12-0063

Location: Knoxville, TN or any US office



General Job Description:

Cardno ENTRIX is seeking a Senior Ecological Modeler to work with a multidisciplinary team of accomplished biologists, hydrologists, geologists, engineers and planners on a variety of projects, primarily in the Eastern Region of the U.S. Office location is open but the preferred location would be our Knoxville, TN.

Responsibilities Include but are not limited to:

1. Client Interaction
2. Developing and applying ecological models
3. Performing numerical sensitivity and uncertainty analysis
4. Preparing reports/publications

Basic Qualifications:

1. PhD in aquatic ecology with emphasis on systems analysis and ecological modeling
2. Minimum of 5 years experience developing and applying ecological models (10-15 years preferred)
3. Prior experience performing numerical sensitivity and uncertainty analysis
4. Demonstrated ability to work directly with clients and initiating modeling projects
5. Work familiarity with current frameworks and guidelines for ecological risk assessment and natural resource damage assessment.
6. Experience in modeling diverse physical, chemical and biological stressors in aquatic systems.
7. Ability to program in Fortran, C++, Visual Basic or related programming languages
8. Must be authorized to work in the US without company sponsorship

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