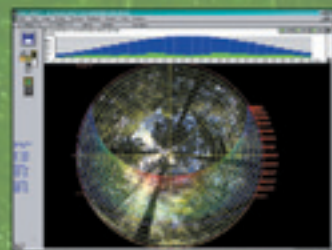


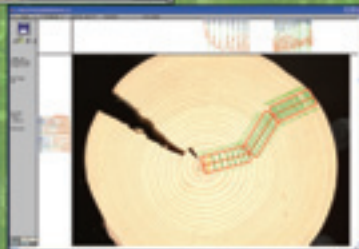
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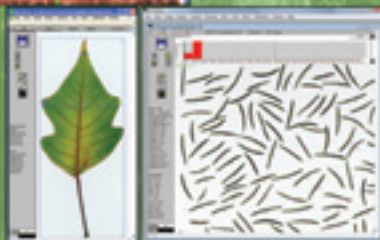


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Produces data suitable for wood anatomists and dendrochronologists

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Measures healthy and diseased leaf area
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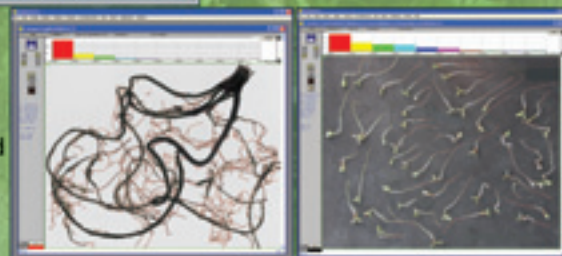


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Measures healthy and diseased area,...

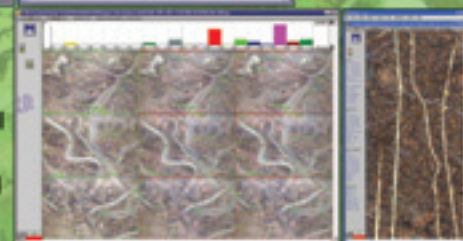
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Analyses Arabidopsis seeds germination



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Ecosystem Ecologist Position

at the University of North Texas

Description: The University of North Texas (UNT: www.unt.edu) has embarked on a major, multi-year initiative to hire faculty in priority areas, add professional staff and make infrastructure improvements to expand its scientific research. In this context, UNT seeks a Senior Level Ecosystem Ecologist (rank open, preference full professor) with actively funded research in biogeochemistry or similar area.

The successful candidate will have a Ph.D. in ecology or related field and be an integral part of the new interdisciplinary program in Sub-Antarctic Biocultural Research and Conservation (www.chile.unt.edu), which has a focus on the interrelationship of ecology and culture in the temperate and subantarctic ecoregion of southern Chile. The selected individual will become part of a "cluster" team at UNT that will include a multi-year hiring process to further enhance research activities in the science and practice of ecology and conservation. The position will be expected to support the instructional goals of the university at both the graduate and undergraduate levels. The Program at UNT is coordinated by the Departments of Biological Sciences and Philosophy & Religion Studies with ongoing initiatives linked throughout the university and an intense collaboration with scientists at the Chilean Institute of Ecology and Biodiversity (www.ieb-chile.cl) and the nascent Chilean Long-Term Socio-Ecological Research Network (www.ieb-chile.cl/ltser).

For posting details and how to apply, visit:

[https://facultyjobs.unt.edu/applicants/
Central?quickFind=50629](https://facultyjobs.unt.edu/applicants/Central?quickFind=50629)

For more information, contact:

Dr. Christopher B. Anderson,

Director of the Sub-Antarctic Biocultural Research
and Conservation Program – UNT and UMAG

(christopher.anderson@unt.edu,
christopher.anderson@umag.cl)

About UNT: With over 36,000 students, UNT is an emerging research institute (*U.S. News & World Report* 2009) located in the Dallas-Fort Worth metroplex and offering doctoral degrees in 50 different areas. Excellent research facilities as well as competitive salary and start-up funds are available through this cluster hiring process. UNT is an ADA/EOE/AA institution committed to diversity in its employment and educational programs, thereby creating a welcoming environment for everyone.



Preceptor

(teaching/curriculum development)
in Earth and Planetary
Sciences

Harvard University

The Department of Earth and Planetary Sciences seeks applications for a Preceptor.

The successful applicant should be well versed on the issues of Earth sciences, and have experience in developing, teaching, and supporting sections and labs. A strong doctoral record is preferred.

The salary range for this position is \$47900 to \$53100, depending on qualifications and experience. The position is renewable on a yearly basis for up to eight years, contingent upon performance and curricular needs.

For greater detail about this position and to apply, visit the EPS website:

[http://www.eps.harvard.edu/icb/icb.do?
keyword=k58621&pageid=icb.page252929](http://www.eps.harvard.edu/icb/icb.do?keyword=k58621&pageid=icb.page252929)

Applications should include: i) a cover letter that discusses how this position would fit into the applicant's career trajectory; ii) the names and addresses of three referees; iii) a CV; and iv) a statement of teaching experiences and philosophy. The three letters of recommendation should be submitted separately and at least one letter must discuss the applicant's experience with teaching, administration skills, and other educational work.

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International Conference on Urbanization and Global Environmental Change

Opportunities and Challenges for Sustainability in an Urbanizing World

Arizona Arizona State University - Tempe, AZ USA | October 15-17, 2010



Urbanization and Global Environmental Change

AN IHDP CORE PROJECT

The first Open Science Conference of the Urbanization and Global Environmental Change (UGEC) Project is an international effort to bring together scientists, practitioners, policy makers, and stakeholders to understand the multi-faceted interactions between urban areas and global environmental change. The conference seeks to build a forum for reflection, exchange of knowledge, experiences, lessons, ideas, and information, contributing to the creation of efficient strategies for urban sustainability. The structure and approach of the conference is specifically designed to foster dialogue among participants. Oral presentations and posters are encouraged to communicate the knowledge and lessons learned from research projects and practices.

Abstract submissions are now being accepted through April 15, 2010 online at www.UGEC2010.org

GLP Open Science Meeting

Land Systems, Global Change and Sustainability

Arizona State University - Tempe, AZ USA | October 17-19, 2010



The aim of the GLP Open Science Meeting "Land Systems, Global Change and Sustainability" is to advance the science of land systems and their change for analysis and response to global change and sustainability. This event will bring together large parts of the international research community working on land change issues, showcase the width and scope of ongoing research, help build a community in this highly interdisciplinary field, inspire new research and facilitate review, theory building and extrapolation. The Open Meeting invites poster and oral presentations and will be organized around a number of themes, emerging from the GLP Science Plan. **Abstract submissions are now being accepted through April 15, 2010 online at www.GLP2010.org**

GLP and UGEC Joint Day

Sustainable Land Systems in the Era of Urbanization and Climate Change

October 17, 2010

The UGEC Project and the Global Land Project (GLP), both core projects of the International Human Dimensions Programme (IHDP) on Global Environmental Change, will convene on Sunday, October 17th to focus jointly on the urban, land, and climate change interface; the themes embedded in these linkages constitute one of the next phases of emphasis in global change and climate change science. This day will involve plenary, open paper, and poster sessions, as well as workshops, in order to build contacts and networks among urban and land-change specialists and to foster more collaboration worldwide, expanding the range of issues addressed. **Abstracts for this joint day may be submitted at either the GLP or UGEC conference website: www.UGEC2010.org www.GLP2010.org**



ES076 Remote Sensing and Public Health Research Scientist/NASA

ADNET Systems Inc. is seeking a recent Ph.D to support a NASA research project involving studies of disease transmission that will develop and execute dynamic modeling and statistical analysis methods, using ground, overflight and satellite remote sensing data. It is expected that results of this work will aid public health workers in monitoring, predicting and mitigating infectious disease propagation in humans and vegetation in selected regions in Asia and the Americas.

Requirements:

- * Ph.D in Environmental Sciences, Epidemiology, or Computer Sciences, with 2 years experience
- * US Citizenship or Greencard

Desired:

- * Skills with C, Matlab, ArcGIS, R, ENVI and IDL.
- * Experience with geospatial techniques or Geographical Information Systems.

Salary: \$55,000

Send your resume to amartz@sesda2.com

Closing date: March 30, 2010

Angie Martz, Recruiting Manager
7515 Mission Drive, Suite A100, Lanham, MD 20706
301-352-4606
<http://www.sesda2.com>

Assistant Professor Plant Ecologist



The Department of Biological Sciences at Eastern Kentucky University, in Richmond, Kentucky, is accepting applications for a tenure-track appointment to begin August 15, 2010.

Teaching responsibilities will include courses in the department's undergraduate biology and graduate degree (MS) programs. Primary courses to be taught include Forest Ecology, Dynamics of Ecosystems, Conservation Biology, introductory biology and botany courses, and other undergraduate- and graduate-level courses in area of specialty. Strong preference will be given to candidates who use field studies in their research, who are familiar with the plant species and communities of the eastern United States, and have special interests in areas such as global climate change, landscape ecology, systems ecology, or invasive species.

Requirements include a Ph.D. at time of hire from a regionally accredited or internationally recognized institution. Preference will be given to candidates with online teaching experience.

Review of applications will begin on March 1, 2010, and will continue until position is filled. Offers of employment are contingent upon satisfactory background check.

Eastern Kentucky University is an EEO/AA institution that values diversity in its faculty, staff, and student body. In keeping with this commitment, the University welcomes applications from diverse candidates and candidates who support diversity.

For more information, contact Dr. Ron Jones at:

ron.jones@eku.edu or 859-622-6257

Candidates must apply online at:

<http://jobs.eku.edu> requisition # 0606805.

Forest Ecologist

The Morton Arboretum seeks a Forest Ecologist to conduct research in applied forest community ecology, with emphasis on plant community processes, management, and restoration, primarily concerning wooded ecosystems of the southwestern Great Lakes region. The Forest Ecologist will work closely with other conservation researchers and with the Manager of Natural Resources.

Core qualification:

Ph.D. in plant community ecology or related area.

Review of applications will begin March 15, 2010, and will continue until position is filled. Send letter, curriculum vitae, research interests and experience, and contact information for three references to:

The Morton Arboretum, Human Resources,
4100 Illinois Route 53, Lisle, IL 60532 or
jobs@mortonarb.org

For further information, or to nominate candidates,
contact Dr. Gary Watson at 630-719-2415 or
gwatson@mortonarb.org

The Morton Arboretum is a 1,700-acre public botanical garden devoted to the planting and conservation of trees and woodlands.

See www.mortonarb.org

Equal Opportunity Employer.



Grassland Ecology

We seek to fill a tenure-track position with open rank. The position is integral to our undergraduate major in **Fisheries and Wildlife Biology** and will also strengthen the department's teaching and research mission in basic science.

The individual will combine hypothesis-driven research on community or ecosystem ecology of grasslands, with the ability to interact with resource management and conservation agencies. Teaching duties will not exceed two courses per year during the first several years. Courses taught will depend on the candidate's area of expertise and may include participation in a team-taught Introductory Biology course. The successful candidate will demonstrate the ability to establish a productive and extramurally funded research program and actively train MS and PhD students.

Position will begin 16 August 2010; PhD is required, with post-doctoral experience desirable.

Review of applications will begin February 19 and continue until the position is filled. Send CV, three representative reprints, statement of teaching and research interests, and names and contact information for three references to:

Dr. Robert Newman (robert.newman@und.edu),
10 Cornell St. Stop 9019, University of North Dakota,
Grand Forks, ND 58202-9019.

For more information:

www.und.edu/dept/biology/jobs.htm



The University of North Dakota is an Equal Opportunity/Affirmative Action Employer and we strongly encourage applications from women and underrepresented groups.

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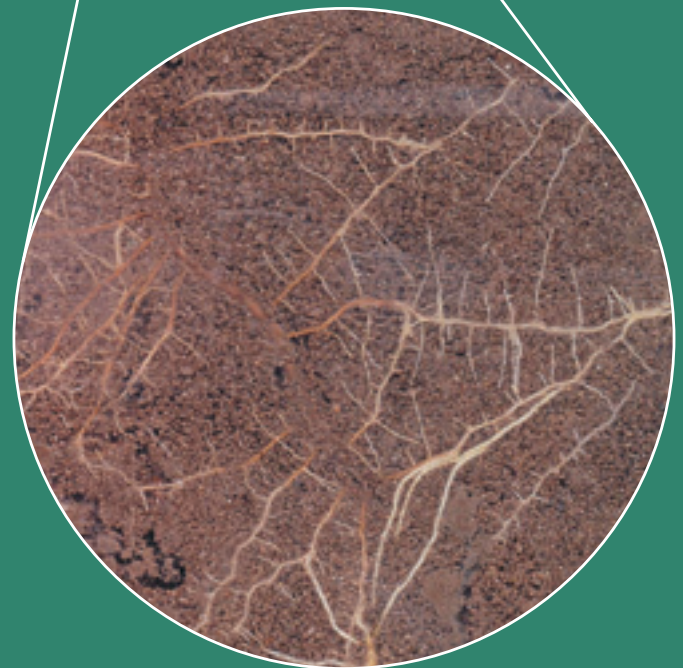
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A flat scanner model is also now available.

- Up to 188 million pixels super high-resolution image.
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Photos courtesy of Dr. Dylan Fischer at Evergreen State College. For more images please visit his web site: <http://academic.evergreen.edu/f/fischerd/research/minirhizotron.htm>.

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