

Announcements

**AREA's Program Schedule at ISA's Annual Conference at a Glance - Page 6**

**New! - Professional Opportunities section**



**CALL FOR APPLICATIONS**  
 Editor-in-Chief of  
*Arboriculture & Urban Forestry* - Page 2

**AREA Executive Committee**

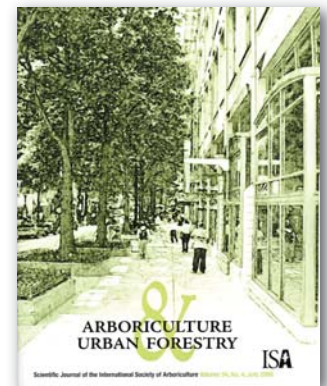
<b>President</b>	<b>Laura Jull</b>
<b>President-Elect</b>	<b>Christina Wells</b>
<b>Vice President</b>	<b>Zhu Ning</b>
<b>Secretary/Treasurer</b>	<b>Dan Struve</b>



**New Associate Editors Announced for *Arboriculture & Urban Forestry***

*Arboriculture & Urban Forestry* has recently adopted an associate editor system as part of the publication's ongoing plan for continuous improvement. An associate editor system with a panel of subject matter experts offers several benefits. First, the pool of potential reviewers for manuscripts is greatly enlarged. Increasing the quantity of available reviewers can have a dramatic effect on the quality of reviews as associate editors are able to select professionals with expertise in the author's area of study. Submitted manuscripts will be delegated to an associate editor with expertise in one of ten domains:

- Entomology
- Social Issues/Economic Assessment
- Soils/Fertilization/Irrigation
- Biomechanics/Safety/Hazard/Risk
- Pathology
- Horticulture/Transplanting/Construction Damage
- Tree Biology/Physiology/Genetics
- Urban Forest Management/Modeling/Assessment
- Utility Forestry
- Ecology/Urban Interface



The following editors were selected to ensure full and overlapping coverage of each domain:

Bonnie Appleton, Ph.D., Department of Horticulture, Virginia Tech

Susan Day, Ph.D., Department of Forestry, Virginia Tech

Jeffrey Dawson, Ph.D., Department of Natural Resources and Environmental Sciences, University of Illinois at Urbana-Champaign

... AUF Associate Editors continued

Jason Grabosky, Ph.D., Department of Evolution and Natural Resources, Rutgers University

Lawrence Hanks, Ph.D., Department of Entomology, University of Illinois at Urbana-Champaign

Brian Kane, Ph.D., Department of Natural Resources Conservation, University of Massachusetts-Amherst

Maria-Luisa Tello, Ph.D., Plant Pathology Unit, Madrid Institute of Agricultural Research

Daniel Marion, Ph.D., Department of Plant Protection, University of New York-Finger Lakes

Randall Miller, PacifiCorp

Zhu Ning, Ph.D., Southern University and A&M College

Bryant Scharenbroch, Ph.D., The Morton Arboretum

Kathleen Wolf, Ph.D., College of Forest Resources, University of Washington

## Message from the Acting President: Dr. Laura Jull

Dear AREA members,

As the President for AREA, I would like to formally invite you to attend the International Society of Arboriculture 84th Annual Conference and Trade Show in St. Louis, Missouri from July 26-30, 2008. There is a great line-up of national and international speakers at the conference, as well as at the AREA professional affiliation day on Wed., July 30. I would also like to encourage your attendance at the AREA Annual Business Meeting and Luncheon. The cost for the delicious, hot luncheon is \$50. During our luncheon, we will have our annual business meeting and elect new officers. To register for tickets for the luncheon, please complete the ISA Annual Conference and Trade Show Registration Form and check the box at the bottom in Section Seven: Ticketed Events for the Arboricultural Research and Education Academy Luncheon and fax your form or register online at [www.isa-arbor.com](http://www.isa-arbor.com). Please register as soon as possible as we will need a headcount for ordering lunches very soon.

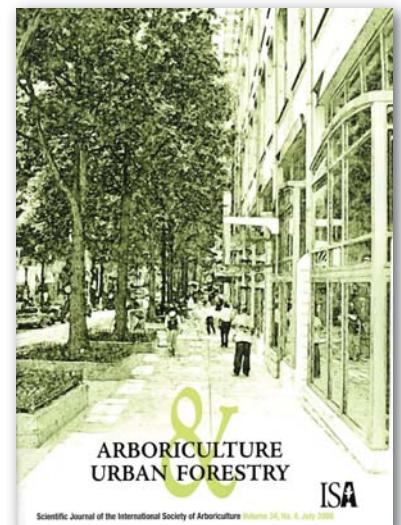


## Applications Being Accepted for Editor-in-Chief of *Arboriculture & Urban Forestry*

ISA is now accepting applications for the Editor-in-Chief of *Arboriculture & Urban Forestry* (AUF). AUF is a bi-monthly, peer-reviewed, scientific journal which publishes a wide range of articles related to trees, arboriculture, and urban forestry.

Interested individuals are encouraged to read the job posting at <http://www.isa-arbor.com/about/resources/EICAnnouncement.pdf>, which includes a brief description of candidate qualifications, a job description, and required application materials.

For more information, call Sharon Lilly, Educational Goods and Services director, at (217) 355-9411 ext. 209 or send an e-mail to [slilly@isa-arbor.com](mailto:slilly@isa-arbor.com). **All applications are due by August 18.**



...president's message continued

To view the schedule of speakers for the AREA day at the conference, please see pages 6 through 8 of this newsletter or the ISA Annual Conference and Trade Show program and registration guide available on the website as well as at the conference.

I hope to see as many of you as possible at the ISA Conference and the AREA Annual Business Meeting and Luncheon.

Laura Jull  
AREA President

### AREA Election of Officers and Call for Nominations

Election of new Arboricultural Research and Education Academy (AREA) officers will take place at the International Society of Arboriculture 84th Annual Conference and Trade Show in St. Louis, Missouri on Wed., July 30, 2008. Please read over the job descriptions below and nominate someone for a position or nominate yourself. Please send your nominations to: Andrew Koeser, ISA Science and Research Manager at [akoeser@isa-arbor.com](mailto:akoeser@isa-arbor.com). Andrew will compile the nominations and present them at the AREA Annual Business meeting and luncheon where members will be allowed to vote. The business meeting and luncheon will be held on Wed., July 30th from noon to 1:30 p.m. at the ISA Annual Conference in St. Louis. Please consider running for one of these important positions. It is strongly suggested that the candidate running for election be present at the AREA business meeting in St. Louis. You do not need to be affiliated with an academic institution to run for office.

AREA was established to provide a network that encourages communication and coordination among scientists and educators working in arboriculture and urban forestry. Membership is open to anyone with an interest in the advancement of education, research, arboriculture, and urban forestry. Membership currently is at 462.

AREA's Executive Committee consists of four officers and the immediate past-president. The Executive Committee is responsible for the programs, affairs, and activities of the Academy. Officers are expected to be in attendance at all Executive Committee meetings, conference calls, and meetings of other committees on which they serve as AREA representatives.

**AREA Liaison to ISA Board of Directors:** Gary Watson, The Morton Arboretum, Lisle, IL.

**Duties:** Serves as the liaison to the ISA Board of Directors and attends their annual meetings. Presents a report of the activities of the ISA Board of Directors at the annual AREA business meeting. Serves on the AREA Executive Committee and assists the president when needed. Representative should have previously served as an AREA officer.

*continued on next page...*



Tree Research & Education Endowment Fund

Several conference activities are in place to help support the TREE Fund's efforts to promote research and education in arboriculture and urban forestry.

#### **Tour Des Trees Finale Celebration**

*Saturday, July 26*

*Forest Park*

Cheer on the tour riders as they finish their journey from Indianapolis to St. Louis.

For more information on the tour check out <http://www.tourdestrees.org/>

#### **"Raise Your Hand For Research" Auction and Reception**

*Monday, July 28*

*5:00 pm - 9:00 pm*

*\$20 per person*

**Come bid on many great items at the TREE Fund's live and silent auctions. Get a head start on all of the action at:**

<http://www.cmarket.com/auction/item/Browse.action?auctionId=61012843&ctemail=jbornancin@treefund.org&ctmid=68475006>

...officer elections continued

### Officer Positions Up for Election:

#### President:

**Duties:** Preside at all meetings and act as Chairman of the Executive Committee. Responsible, with the help of the ISA Science and Research Manager, for development of the quarterly AREA E-newsletter. Representative to the ISA Science and Research Committee (SRC) and attend their meetings. Presents a report of the activities of the SRC at the annual AREA business meeting. Establish, with the help of the Executive Committee, an AREA annual budget before the annual conference. Introduce speakers at the AREA research conference. Actively recruit new AREA members.

#### President-Elect:

**Duties:** Perform the duties of the president in his or her absence. Representative to the ISA Conference Program Committee (CPC) and actively participate in their meetings and conference calls. Coordinate a peer-review committee for evaluating AREA abstract submissions (for presentations at annual conference). Plan the AREA Professional Affiliation Day at the annual conference and arrange for speakers and poster presenters (Wednesday). Alternate representative to ISA Board of Directors in AREA Liaison's absence.

#### Vice-President:

**Duties:** Perform the duties of Secretary-Treasurer in their absence. Preside during the president's and president-elect's absence. Representative to the ISA Student Activities Committee (SAC) and attend their meetings and conference calls. Presents a report of the activities of the SAC at the annual AREA business meeting. Coordinate, with the president-elect and president, the AREA Student Research Competition at the annual conference.

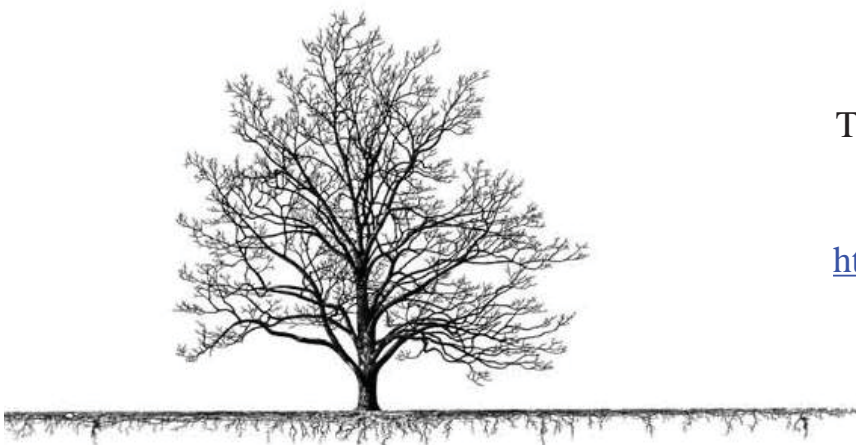
#### Secretary-Treasurer:

**Duties:** Collect and disburse the money of the Academy under the direction of the Executive Committee. Keep all financial records and balance checking account with bank statements. Presents a report of the financial condition of the Academy at the annual meeting. Record and distribute AREA annual meeting minutes to all AREA members within three weeks of the annual conference. Record minutes of the Executive Committee meetings and conference calls and distribute them to the Executive Committee members within two weeks. Maintain, with the help of the ISA Science and Research Manager, the AREA membership database.

---

The Landscape Below Ground III  
An International Conference on  
Tree Root Development in Urban Soils  
October 6-8, 2008

<http://www.landscapebelowground.org/>



## Message to this Year's Student Oral and Poster Competition Participants

Dear Graduate Student Oral and Poster Competition Presenters,

As President of the Arboricultural Research and Education Academy (AREA), I would like to formally invite you to attend the AREA Annual Business Meeting and Luncheon on Wed., July 30 from 12:00-1:30 P.M. The luncheon and business meeting will be held on Wednesday after the oral competition which is during the International Society of Arboriculture (ISA) 84th Annual Conference and Trade Show in St. Louis, MO. The cost for the student luncheons is normally \$50 each, but the cost will be covered by AREA and the Student Activities Committee (SAC). We will also be presenting the award winners for the student oral and poster competition during the business meeting so we ask that you be in attendance. Please contact both Laura Jull, AREA President (lgjull@wisc.edu) and Andrew Koeser, the ISA Science and Research Manager (akoeser@isa-arbor.com) as soon as possible if you plan on attending as we need a head count for lunches.

I hope to see as many of you as possible at the ISA Conference and the AREA Annual Business Meeting and Luncheon.

Thank you,  
Laura Jull

## C A L L F O R P R E S E N T A T I O N S



### **International Society of Arboriculture**

85<sup>th</sup> Annual Conference  
Providence, Rhode Island  
July 24-29, 2009

ISA's international annual conference and trade show is the premier gathering of arboricultural professionals in the world. Practicing arborists come together with top researchers and educators to learn the latest in research, technology, and innovations in arboriculture and urban forestry.

ISA is seeking proposals for presentations for the 2009 conference. Proposals will be accepted for 30- to 60-minute oral presentations for general and split sessions, Tree Academy workshops, Climbers' Corner demonstrations, and poster presentations.

Proposals will be evaluated based on overall quality, appropriateness and timeliness of topic, well-defined focus, practical applications of material, and attractiveness to a diverse audience.

To learn more about submitting a proposal, visit ISA's Web site or go to [www.isa-arbor.com/calendar/submitpaper.aspx](http://www.isa-arbor.com/calendar/submitpaper.aspx)

**Only proposals submitted online will be accepted.**

**AREA Professional Affiliation Day at ISAs 84<sup>th</sup> Annual Conference  
Wednesday, July 30, 2008**

**Graduate Student Oral Competition**

- 8:00 am – 8:15 am     **Effect of Planting Depth and Soil Treatment on Landscape Establishment of Baldcypress**  
*Donita Bryan, Graduate Student, Texas A&M University, College Station, TX*
- 8:15 am – 8:30 am     **Relationship of Vessel to Fiber Ratio and the Trade-off Between Hydraulics and Mechanics in Norway Maple (*Acer platanoides*) branches**  
*Greg Dahle, Graduate Research Assistant, Rutgers University, New Brunswick, NJ*
- 8:30 am – 8:45 am     **An Assessment of Drought Tolerance of Widely Grown Shade Tree Species**  
*Alessio Fini, Graduate Research Assistant, University of Florence, Italy*
- 8:45 am – 9:00 am     **Carbohydrate Injections as a Potential Option to Improve Growth and Vitality of Live Oaks**  
*Tomás Martínez-Trinidad, Graduate Research Assistant, Texas A&M University, College Station, TX*
- 9:00 am – 9:15 am     **The Impact of Deep Planting on the Root Growth of Landscape Trees**  
*Richard Rathjens, Graduate Student, The Ohio State University, Columbus, OH*
- 9:15 am – 9:30 am     **Influence of Tree Stock Size on Urban and Suburban Canopy Restoration**  
*Matthew Ross, Graduate Student, Michigan State University, East Lansing, MI*
- 9:30 am – 9:45 am     **Tree Planting in New York City: A Five-year Mortality Study**  
*Jessica Sanders, Graduate Student, Rutgers University, New Brunswick, NJ*
- 9:45 am – 10:15 am   **Program Break**

**Educational Presentations**

- 10:15 am – 10:45 am   **The Green Thumb Nursery: Growing Trees, Changing Kids**  
*Dr. Bonnie Appleton, Researcher, Virginia Tech, Virginia Beach, Virginia*
- 10:45 am – 11:45 am   **Distance Learning: The Newest Branch of Arboriculture Education**  
*Rick Tagtow, Instructor, Northeast Iowa Community College, Calmar, IA*
- 11:45 am – 12:00 pm   **Program Break**
- 12:00 pm – 1:30 pm     **AREA Annual Business Meeting and Luncheon**

## Research Presentations

- 1:30 pm – 2:00 pm **Pavement Permeability Affects Growth, Physiology and the Rhizosphere of Sweetgum Trees**  
*Dr. Astrid Volder, Assistant Professor, Department of Horticultural Sciences, Texas A&M University, College Station, TX*
- 2:00 pm – 2:30 pm **Soil Decompaction and Amendment Treatment for Trees on Urban Soils**  
*Dr. Christina Wells, Associate Professor, Clemson University, Department of Horticulture, Clemson, SC*
- 2:30 pm – 3:00 pm **Loss of Tree Canopy Due to Emerald Ash Borer as an Opportunity to Study the Effect of Trees on Energy Use**  
*Robert Laverne, Forester, Davey Tree Expert Company, Hartville, OH*
- 3:00 pm – 3:30 pm **Native Oak Tree Species and Their Adaptations and Tolerance to Flooding Stress**  
*Dr. Zhu Ning, Professor, Southern University, Urban Forestry Department, Baton Rouge, LA*
- 3:30 pm – 4:00 pm **Structural Response of Tree Tissues to Mechanical Wounding**  
*Dr. Primoz Oven, Biotechnical Faculty, University of Ljubljana, Wood Science and Technology Department, Ljubljana, Slovenia*

## Poster Presentations

*\*Presenters will be with their posters Monday, July 28th from 2:30 pm - 3:30 pm . Posters will be displayed in the hallway leading to the trade show floor.*

### ***Ulmus americana* in Minneapolis, MN: Stratified Sample Analysis and Age to Diameter at Breast Height (dbh) Biometrics**

*David Hanson, Research Specialist, University of Minnesota, Department of Forest Resources, St. Paul, MN*

### **Alteration of Tree Root Architecture by Nursery Production Practices**

*Angela Hewitt, Research Assistant, The Morton Arboretum, Lisle, IL*

### **Quantifying Wood Decay in Living Trees**

*Denise Johnstone, Lecturer in Arboriculture, University of Melbourne, Resource Management Department, Melbourne, Australia*

### **Detection of Internal Decay in Water Oak (*Quercus nigra*) Using Sonic Tomography Technology**

*Dr. Yadong Qi, Professor, Southern University, Urban Forestry Program, Baton Rouge, LA*

### **Crown Pruning Effects on Fine Root Development of Green Ash (*Fraxinus pennsylvanica*)**

*Dr. Eric Wiseman, Assistant Professor, Virginia Tech, Forestry Department, Blacksburg, VA*

## Student Poster Competition

*\*Contestants will be with their posters Monday, July 28th from 2:30 pm - 3:30 pm. Posters will be displayed in the hallway leading to the trade show floor.*

### **Residual Strength of Carabineers after Use in Tree Climbing**

*Marcy Gladdys, Student, College of Natural Resources and the Environment, University of Massachusetts-Amherst, Amherst, MA*

### **Impact of Mulch Type on the Soil CO<sub>2</sub> Fluxes in an Urban Forest Ecosystem**

*Thomas N. Legiandenyi, Student, Urban Forestry Program, SU Agricultural Research and Extension Center, Baton Rouge, LA*

### **Influence of Exogenous Applications of Carbohydrates on Soil Respiration and Microbial Populations in Field-grown Live Oaks**

*Tomás Martínez -Trinidad, Ph.D. Candidate, Department of Ecosystem Science & Management, Texas A&M University, College Station, TX*

### **Bloomington, Indiana and Indiana University's School of Public and Environmental Affairs: Partnering for the Urban Forest**

*Sarah K. Mincey, Environmental Science Ph.D. Candidate, School of Public and Environmental Affairs, Indiana University, Bloomington, Indiana*

---

## ISA Hires New Science and Research Manager

ISA recently selected Andrew Koeser to serve as the new Science and Research Manager. Andrew has been with ISA for more than two years, working as an intern in the Educational Goods and Services Department. He received a bachelor's degree in Urban Forestry from the University of Wisconsin-Stevens Point and recently finished his master's work in Natural Resources and Environmental Sciences at the University of Illinois. As Science and Research Manager, part of Andrew's duties include serving as a staff liaison to AREA and writing e-newsletter articles in the third person.

Andrew is a Certified Arborist and has been a member of both ISA and AREA for several years. In his spare time, he enjoys woodworking, gardening, bonsai, canoeing, biking, and sailing. This summer he hopes to combine two of his hobbies by building a small wooden sailboat.

Andrew looks forward to serving as Science and Research Manager and interacting with professionals in the fields of arboriculture and urban forestry.





**ATTENTION: AREA BUDGET INFORMATION**

Below are the expenditures for last year and the proposed budget for this coming year, starting at this year's conference in St. Louis. Members will be voting on the budget for this coming year at the AREA business meeting on Wed., July 30 after the luncheon.

**AREA Financial Report 2007-2008 (Last Year)****Income revenue 2007-2008:**

\$12,193.23 (solely from AREA membership dues)

**Expenses July 1, 2007-June 30, 2008:**

\$3,500 - Graduate student travel awards, 2007 (in lieu of poster competition)

\$4,747.81 - AREA representative travel to attend two ISA Board of Directors meetings and AREA President travel to ISA Annual Conference: (higher due to Hawaii conference location)

\$452.88 - ISA Insurance

\$ 0 - AREA luncheon: none, covered completely by lunch registration (in the past, had to partially fund at \$204)

**Total expenditures for 2007-2008:**

\$8,700.69

**Net income for 2007-2008:**

\$3,492.54

**Proposed AREA Budget 2008-2009  
(To be voted on at the AREA business meeting)****Estimated income revenue 2008-2009:**

\$11,550 (solely from AREA membership dues, 462 members at \$25 each)

**Expenses July 1, 2008-June 30, 2009:**

\$3,000 - Graduate Student Oral Competition (first place @ \$1200, second place @ \$850, third place @ \$500, there are seven graduate student oral presenters this year) The winners will be presented their award at the AREA Business meeting on Wed., July 30.

\$2,500 - Graduate Student Poster Competition: \$2,500 (first place @ \$1,000, second place @ \$750, third place @ \$500, fourth place \$250 (there are only four graduate student poster presenters this year). This money is actually NOT part of the AREA budget as we received Special Project Funds from ISA to cover the cost of the poster competition only, not the oral competition. This money was received and will be distributed to the four winners at the AREA Business meeting on Wed., July 30.

...AREA budget continued

\$240 - Graduate Student oral and poster presenters luncheons: \$240 (10 students @ \$40 each, but four students are covered by the SAC) The Student Activities Committee (SAC) will cover the cost of the four student poster presenters luncheon. Since there is one person competing in both the oral and poster competition, that leaves six lunches that AREA is to cover.

\$3,500 - AREA representative travel to attend two ISA Board of Directors meetings and AREA president travel to ISA Annual Conference in St. Louis

\$75 - AREA business meeting luncheon audio-visual equipment

\$550 - ISA Insurance

\$50 - AREA checking account and office supplies

**Total proposed expenditures for 2008-2009:**

\$7,415

**Balance in AREA checking account as of July 8, 2008:**

\$22,195.31

---

## Professional Opportunities

### URBAN FOREST ECOLOGIST WANTED

Assistant Professor of Biology  
Plant Biology

Hofstra University invites applications for a full-time, tenure-track, assistant professor position in the Department of Biology. The successful candidate will be qualified to teach plant biology, ecology/evolution and ideally one other of the following subject areas: plant ecology, plant pathology, mycology, or phycology. The successful candidate should be able to teach courses at a variety of levels, i.e. non-majors, undergraduate majors, Master's. Faculty in Biology must maintain an active and productive research program accessible to both undergraduate and master's research students. The specific areas of research are open; however, preference will be given to candidates whose research involves urban habitats and who can participate actively in our nascent Urban Ecology program.

Candidates must have a Ph.D. in a relevant discipline, experience in course development and design, and demonstrated teaching ability. An interest in and/or experience with innovative teaching techniques is desirable.

*continued on next page...*

*...urban ecologist position continued*

Post-doctoral experience is preferred. Interested individuals should: (1) submit a curriculum vitae (indicating specific teaching experience; (2) statement of research interests; (3) statement of teaching experience, interests and philosophy; and (4) have letters from three references sent to:

Faculty Search, Department of Biology, Hofstra University, Hempstead, NY 11549-1140, or email application documents (in PDF format) to [Robert.W.Seagull@hofstra.edu](mailto:Robert.W.Seagull@hofstra.edu).

The Department of Biology is a medium-sized, diverse, and growing department. Additional information about the department, faculty, facilities, etc. is posted on the web at: <http://hofstra.edu/biology>

Application materials should be received by 15 October 2008.

Starting date: September, 2009

Hofstra University is an Equal-Opportunity Employer.

---

## **URBAN ECOSYSTEMS SENIOR RESEARCH OFFICER (SRO)**

Seeking a highly motivated SRO to plan, develop, and manage an urban ecosystems research program. Research will focus on enhancing Singapore's urban greening program through maximizing the benefits of urban greenery (e.g. carbon sequestration, stormwater mitigation, improvement of runoff quality, urban heat island mitigation, air pollution mitigation, etc) and improving biodiversity in Singapore's urban ecosystems. The successful applicant will have relevant work experience in landscape ecology, conservation biology, or natural resource management. Candidates are also expected to possess the technical expertise and ability to work with various government, academic and NGO partners.

SRO will plan and implement research projects in association with our partners to fulfill the objectives of the research program, and assist in the use of research results for policy and guideline formulation.

### **Requirements:**

- PhD in landscape ecology, conservation biology, environmental management, or related field from a recognized university
- Demonstrated research achievement in the above fields
- At least 5 years of working experience in a similar position
- Strong written and oral communication skills to communicate effectively in a variety of scientific and non-scientific forums
- Ability to work independently and as part of an inter-disciplinary Centre for Urban Greenery and Ecology research team

*continued on next page...*

...SRO continued

For more information contact:

Dr. Tan Puay Yok

Assistant Director/CUGE Research

National Parks Board

Email: [TAN\\_Puay\\_Yok@nparks.gov.sg](mailto:TAN_Puay_Yok@nparks.gov.sg)

Phone: +65 64717834

Fax: +65 64723033

<http://www.nparks.gov.sg>

<http://www.cuge.com.sg>



---

## RESEARCH EXTENSION SERVICES MANAGER

Seeking a highly motivated person to plan, develop, and manage a research extension services program for the Centre for Urban Greenery and Ecology (CUGE). Manager will primarily be responsible for ensuring that the results of research projects undertaken by CUGE Research are effectively communicated to various audiences in the form of publications, seminars and workshops, and dedicated training programs. Manager will also be responsible for effectively engaging members of the landscape and horticulture industry to understand their research needs and to seek external funding to implement a research program for the industry. Manager will play an important role in ensuring that CUGE Research becomes a key link for the industry and researchers in the field of urban greenery and ecology.

The job requires strong administrative, written/oral communication, and interpersonal skills with knowledge of the landscape and horticulture industry preferred.

Requirements:

- Degree and at least 3 years work experience
- Relevant experience in marketing and communications
- Competence in information management
- Basic knowledge in scientific research, preferably in the fields of urban greenery and ecology

For more information contact:

Dr. Tan Puay Yok

Assistant Director/CUGE Research

National Parks Board

Email: [TAN\\_Puay\\_Yok@nparks.gov.sg](mailto:TAN_Puay_Yok@nparks.gov.sg)

Phone: +65 64717834

Fax: +65 64723033

<http://www.nparks.gov.sg>

<http://www.cuge.com.sg>

*Have a career opportunity, fellowship, assistantship, or internship you would like to post?*

*Contact [akoesser@isa-arbor.com](mailto:akoesser@isa-arbor.com)*