Dear Colleagues!

Welcome to this new issue of the AREA Newsletter. We can look back at a successful AREA day at the recent ISA Annual Conference in Milwaukee. I was especially impressed by the quality of the student presentations—for me personally always a highlight of the AREA session. In this newsletter you will read the students’ own reflections on this event.

This is my first newsletter as new AREA President and I am really excited about this coming ‘AREA year’. Last year, under the excellent leadership of Greg Dahle, AREA made some important steps, such as revamping our newsletter and website. This could not have been done without the excellent support of Tricia Duzan and Wesley Kocher at ISA Headquarters. We also supported student participation in milestone events such as the Urban Tree Diversity conference in Alnarp, Sweden. Also to be mentioned are the activities of the Urban Tree Growth and Longevity Working Group, who once again hosted an excellent field trip at the ISA conference.

AREA is well on track with its broad membership, with a substantial share of students of arboriculture and urban forestry. But we can expand our network, not in the least at the global scale. As I am based in Europe and have a network that also covers other parts of the world, my aim is to further ‘internationalize’ AREA and get more researchers, educators and students involved from outside North America. The conference in Alnarp sets an example of AREA getting involved in events in different parts of the world.

Finally, let me welcome Jessica Sanders of Casey Trees to the Executive Committee as new Vice-President. I express my thanks to Angela Hewitt, last year’s Immediate Past President, for her significant contributions to AREA during the past years.

AREA can only be successful through the active involvement of you, our members and I am looking very much forward to working with all you towards the progression of our field.

Cecil Konijnendijk van den Bosch
President

A big thank you to everyone who attended AREA sessions in Milwaukee this year...
See you August 8-12, 2015 in Orlando, Florida, USA!
Welcome New AREA Vice President Dr. Jessica Sanders!

Jason Grabosky

I am happy to have the opportunity to introduce folks to Dr. Jessica Sanders, the newly elected Vice-president of the ISA Arboricultural Research and Education Academy (AREA). Jess Sanders is currently the Director of Technical Services and Research for Casey Trees, a not-for-profit (NFP) in Washington D.C. [http://caseytrees.org](http://caseytrees.org). Casey Trees is responsible for the annual tree report card for Washington D.C., tree planting programs, urban forestry and design educational programming, volunteer training and coordination, the Treewise Summer youth program and numerous internships for students in urban forestry. As undergraduate academic supervisors know, Dr. Sanders is the type of person that is good to know for student internship placement opportunities and networking. In a world of dog, cat, bird or reptile pet owners, Jess is definitely a dog person. Being good judges of character, dogs seem to like her. I am pretty sure she could make peace with a house-trained wombat if one was so inclined. Dr. Sanders worked her way through her graduate program at Rutgers in a variety of job assignments:

» a lead teaching assistant for a 6000+ student General Biology 101-102 course,
» teaching the undergraduate arboriculture course during my sabbatical leave,
» working in the Rutgers Graduate School as the Associate Director of Orientation and Project Coordinator for the Teaching Assistant Project (TAP) program,
» teaching youth on the National Science Foundation’s Science Bus,
» coordinating a graduate pre-doctoral leadership development institute as a graduate fellow in the Rutgers University Carnegie Academy for the Scholarship of Teaching and Learning,
» collecting data on electric transmission corridors in the NJ Pinelands.

Her research dissertation focused on defining and measuring success in the urban forest, linking soil availability in common design site types to urban tree success and expectation for young, mid-life and older trees with a focus in Central and Northern New Jersey street tree species.

A sharp personality and a driven soul, Jess is easy to meet and I encourage folks to introduce themselves and say hello at conferences and through social media. I look forward to seeing her contribute to the ISA in the volunteer leadership role as she makes an effort to bring the NFP community further into AREA and the ISA.

Urban and Peri-urban Forestry—FAO Perspective

Yujuan Chen-Junior Professional Officer (Urban/Peri-urban Forestry and Trees Outside Forest); Forest Assessment, Management and Conservation Division, Forestry Department; Food and Agriculture Organization of the United Nations (FAO)

It is my honor to introduce the urban and peri-urban forestry (UPF) program of the Food and Agriculture Organization of the United Nations (FAO) and share my own experience with AREA. Currently, I am an urban and peri-urban forestry junior professional officer at FAO, and I was an AREA Travel Grant Recipient in 2012 as a PhD student from Virginia Tech. I have attended the ISA annual meetings in 2010 and 2012 and the experience with AREA paved my path to FAO.

As many of you might know, in 2008, for the first time in history, more than 50% of the world population was living in urban areas; the urban population will be more than 70% by 2050. As a result of rapid urbanization, there are increasing concerns about food security, energy resources, environmental issues, and social problems. These issues are becoming increasingly urgent as their effects are adding to those of climate change and frequent natural disasters (e.g. floods, landslides, and droughts). Urban and Peri-urban Forestry (UPF) can play an important role in urban food supply, climate change mitigation and adaptation, jobs and income generation, human health and well-being, and disaster risk prevention. However, the role of UPF is not recognized globally and there is a need to build a platform to share and exchange knowledge and best practices of UPF management internationally.

In this context, the Food and Agriculture Organization (FAO), the UN agency that leads international efforts to defeat hunger, has been increasingly focusing on the needs of the urban poor through an integrated approach to sustainable development, land use, food security and poverty alleviation in line with the Millennium Development Goals (MDGs). Indeed, UPF is an important component in sustainable development, particularly in developing countries, because
planning trees in and around cities can help fight hunger and malnutrition, as trees are a source of food, fuel and non-wood products that can be either directly consumed/used or sold. In fact:

» Growing trees which produce food (fruits, nuts, leaves, etc.) provide an easy accessible nutritious food for the urban dwellers.
» Wood residues can be used as wood energy for cooking and/or heating.
» Leaves, and other parts of trees, can serve as forage for livestock.
» By capturing, filtering and storing water, urban and peri-urban forests play an important role in providing drinking water.

The UPF program at FAO was initiated in the early 1990s in the Department of Forestry to assist both developed and developing countries to raise awareness of UPF and implement UPF policies and management practices. FAO is committed to promote UPF globally by putting information within reach, sharing policy expertise, providing a meeting place for nations, and bringing knowledge to the field. Currently, there are three main areas of UPF activities at FAO:

1. To put information within reach, FAO has initiated an international effort leading to the preparation of “Voluntary Guidelines for Policy and Decision Making Promoting Urban and Peri-urban Forestry” to raise awareness and provide UPF best practices at global, regional, national, and local levels which will be published by the end of 2014. The guidelines will be a useful planning tool for policy makers and decision takers to guide their long term investment decisions. The guidelines will feature successful case studies from a wide range of regions and countries which will provide main principles of UPF management and key strategic actions of sustainable development.

2. To share policy expertise and provide a meeting place for nations, FAO coordinates regional initiatives and networks. The Silva Mediterranea Working Group on UPF (http://www.fao.org/forestry/80480/en/) is the first FAO-supported regional UPF network and was established in 2012 by the Committee on Mediterranean Forestry Questions (Silva Mediterranea) in the framework of its 21st session held in Turkey. The mission of this working group is to establish and consolidate a UPF networking strategy for the Mediterranean countries by acting as a neutral forum where nations can meet and negotiate agreements, as well as debate policy on UPF.

3. To bring knowledge to the field, FAO implements and funds technical cooperation projects. Field projects have been undertaken recently in Niger, the Republic of the Congo, Chad, and the Central African Republic. These projects helped partner countries to develop UPF strategies and action plans that are adapted to their contexts and priorities.

FAO is fully committed to promote UPF globally by facilitating the dialog between different regions, countries, and cities; dialog between decision makers and decision takers; dialog between experts and practitioners. However, our resources are limited. As a researcher, scientist, or educator, your effort is also needed to provide state of the art knowledge on urban forestry, raise public awareness about urban forestry, and participate in dialogues and networks.

All of FAO’s activities rely on the contribution of governmental and non-governmental organizations (NGOs), universities, research centers and the private sector and we are always open to research/project proposals and ideas. Effective collaboration, partnership, and communication are the key to achieving healthy, resilient and sustainable living environment in the future and we look forward to collaborating with all of you.

For more information, please visit our website at: (http://www.fao.org/forestry/urbanforestry/en/) or contact Mr. Simone Borelli (Agroforestry and Urban/Peri-urban Forestry Officer) at Simone.Borelli@fao.org.

Student Perspective—2014 ISA Conference Experience

Rachael Bergmann—Indiana University School of Public and Environmental Affairs MPA/MSES, AREA Student Travel Grant 2014

The ISA International Trade Show and Conference is the first large conference I have attended, and provided a great opportunity to further explore arboriculture through both the research and practitioner lens. I met a diverse group of people throughout the conference, giving me insight on the wide range of fields in arboriculture and facilitating networking opportunities. Talking to people and hearing about their career
I must say that the greatest learning experience actually occurred at the AREA Student Presentations themselves. Despite being nervous and terrified of tripping in high heels, I appreciated the engagement of the audience and the number of people who came to listen. I was enraptured listening to the diversity of projects that are being undertaken by students like myself. Just as current industry leaders are worried about the lack of interest from younger generations in arboriculture, I am too. I look around at peers and worry how to engage them and encourage them to pursue a “green career” post-degree. However, my experiences at ISA showed me that there are mentors and other students out there who are working to fix this as well.

I look forward to discovering who will be on the “Expert Express” panels when I attend ISA conferences 20 years from now. Thank you all for your support and opening a door to arboriculture I had yet to explore.

path was particularly helpful as I prepare to finish my masters and look for a job. I feel like I have a better understanding of the current issues in arboriculture and urban forestry and how different industries are involved. It is clear that ISA connects people in various sectors to share experience and knowledge, which is invaluable in creating a cohesive community.

Presenting my research to industry professionals and academics was a unique opportunity to not only share my work but also receive insight from others. I met people throughout the weekend who were able to relate my research and interests to their work. After ISA, I feel more confident and excited about entering the arboriculture and urban greening industry, and look forward to the many opportunities to come.

Lauren Garcia—currently pursuing her Masters of Science in Horticulture at Texas A&M University in College Station, Texas.

Through the generosity of AREA, this year was the first time I attended an ISA Conference. As I left for the conference, I was nervous. I knew no one else who was going, I worried over transportation and lodging, and I was jittery in regards to meeting experts; experts that I had cited, read about, and practiced their teachings. Arriving Sunday morning, I spent the afternoon touring the Milwaukee Domes Botanical Gardens and watching the ITCC Tree Climbing Championships. Both were new experiences that I greatly enjoyed and might I say, I learned how to use the public bus system to do it! That evening I attended the Student/Emerging Professional Orientation, hosted by AREA. I met individuals who would guide and befriend me throughout the remainder of the conference and I felt myself relax. Monday and Tuesday were full of educational sessions that piqued my interest in areas of arboriculture I did not know existed. From biometrics to urban planning, I took away at least a page of notes from each session. My notes were filled with questions and thoughts that I reference still.

I explored the Bartlett Field Day where I was given an opportunity to look through microscopes at pests; before this opportunity I had only seen the symptoms/damage from these pests. I also walked endlessly through the exhibit hall, mouth gaping at the diversity of businesses represented and the fun “toys” they all brought.

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24th IUFRO World Congress
Sustaining Forests, Sustaining People: the Role of Research
October 5–11, 2014
Salt Lake City, Utah, USA

The International Union of Forest Research Organizations (IUFRO) is open to all individuals and organizations dedicated to forests, forest products, and related disciplines. The 24th IUFRO World Congress will provide attendees the opportunity to share knowledge and build relationships with colleagues from around the world.

The agenda will facilitate the flow of ideas and interaction among attendees. After the Congress, we hope that attendees will feel invigorated in their efforts to enhance understanding of the ecological, economic, and social aspects of forests and trees and to disseminate this information around the world.

Congress Themes
» Forests and Forest Products for a Greener Future
» Forest Health in a Changing World
» Forests for People
» Forest Biodiversity and Ecosystem Services
» Forests and Climate Change
» Forest and Water Interactions
» Forest Biomass and Bioenergy

Registration opens in November 2013.
September 29 – October 3, 2014: Special Program for Developing Countries Training
October 5 – 11, 2014: The 24th IUFRO World Congress
We look forward to seeing you in Salt Lake City!
Upcoming Events

Society of Municipal Arborists Conference
November 3-4, 2014
The Westin Charlotte, Charlotte, North Carolina, US
For details, see: www.urban-forestry.com

Desert Green XVIII
November 6-7, 2014
Henderson Convention Center, Henderson, Nevada, US
For details, see: www.desert-green.org

XVIII Congresso Brasileiro de Arborização Urbana
November 8-12, 2014
Rio de Janeiro, Brazil
For details, see: http://www.cbau2014.com.br

TCI EXPO 2014
November 13-15, 2014
Connecticut Convention Center, Hartford, Connecticut, US
For details, see: www.expo2014.tcia.org

International Arboriculture Summit—Hong Kong
November 19-21, 2014
Wu Kai Sha YMCA Youth Village, Wu Kai Sha, Hong Kong
For details, see: http://www.ias.hk/

Cost of Not Maintaining Trees Symposium
March 18-19, 2015
Patel Center of Global Sustainability, University of South Florida, Tampa, Florida, US
For details, see: www.isa-arbor.com/costofnotmaintainingtrees

New England Chapter-ISA 48th Annual Conference & Tradeshow
September 28-30, 2014
Sheraton Hotel & Conference Center, Burlington, Vermont, US
For details, see: www.newenglandisa.org

PNW-ISA Annual Training Conference
September 28-October 1, 2014
Hilton Vancouver, Vancouver, Washington, US
For details, see: www.pnwisa.org

MAC-ISA Annual Meeting
October 6-7, 2014
The Inn at Virginia Tech, Blackburg, Virginia, US
For details, see: www.mac-isa.org

New Zealand Arborist Association Conference
October 16-18, 2014
Novotel Lakeside Hotel, Rotorua, New Zealand
For details, see: http://nzarbor.org.nz/conference/

Illinois Arborist Association Annual Conference
October 21-22, 2014
Holiday Inn/Tinley Park Convention Center, Tinley Park, Illinois, US
For details, see: www.illinoisarborist.org

XVI Congreso Nacional de Arboricultura Española
October 23-26, 2014
Complejo Deportivo-Cultural La Petxina, VALENCIA, SPAIN
For details, see: http://congresoaea.org

Kentucky Arborist Association Annual Conference
October 23, 2014
The Campbell House, Lexington, Kentucky, US
For details, see: www.ky-isa.org/calendar
The Halifax Symposium is being organized by a steering committee representing industries, agencies, and universities involved in research and management of electric transmission line, pipeline, highway, railroad, fiber optic, and other rights-of-way (ROW). The 10th symposium was held in Phoenix, AZ (1993); New Orleans, LA (1997); Calgary, Alberta (2000); Saratoga Springs, NY (2004); and Portland, OR (2009).

**Background**

The Halifax Symposium is being organized by a steering committee representing industries, agencies, and universities involved in research and management of electric transmission line, pipeline, highway, railroad, fiber optic, and other rights-of-way (ROW). This is the 11th symposium of this series. The 10th symposium was held in Phoenix, Arizona in October 2011, and attracted nearly 350 attendees. Others in the series have included Mississippi State University (1976), Ann Arbor, MI (1979); San Diego, CA (1982); Indianapolis, IN (1987); Montreal, Quebec (1993); New Orleans, LA (1997); Calgary, Alberta (2000); Saratoga Springs, NY (2004); and Portland, OR (2009).

**Purpose**

Right-of-way managers must comply with complex environmental regulations and public demands for attaining the highest level of environmental protection while promoting multiple use of rights-of-way. There is a need for cost-effective management practices which demonstrate environmental stewardship, maintain biodiversity, and satisfy conflicting expectations of stakeholders and the general public. The Symposium will address environmental issues in ROW planning and management, and will provide a forum for information exchange among environmental professionals from a wide variety of agencies, industries, and academic organizations. The goal is to achieve a better understanding of current and emerging environmental issues related to ROW management by sharing environmental research and practical experience throughout the world. This exchange of experiences and ideas will result in more cost-effective and environmentally sensitive ROW management.

**Call for Papers**

Environmental Concerns in Rights-of-Way (ROW) Management

**11th International Symposium**

Halifax, Nova Scotia, Canada

**September 20-23, 2015**

**www.rights-of-way.org**

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**ANNOUNCING:**

International Arboriculture Summit-Hong Kong

(1AS-HK) 国際樹木會議-香港

**November 19, 20 & 21, 2014**

“Hanging By Their Roots, Trees & Slippery Slopes”

(Applying arboricultural-bioengineering principles for challenging environments)

**KEYNOTE EDUCATOR: ALEXIA STOKES**

**WHY NOT MAKE THIS YOUR EDU-VACATION FOR THE YEAR!**

The conference educational seminars/workshops are possible through the effort of the Institute of Arboriculture Studies 樹藝學術研究中心 (Hong Kong)

Hosted at the Wu Kai Sha YMCA Youth Village

(details: www.IASHK)

This year the summit will be followed by the Hong Kong Tree Climbing Competition (HKTC) Nov. 22-23 which will be held at the Baptist Assembly Camp in Pingiting New Territories.
Save the Date for ACES 2014!

Washington D.C. | December 8-11, 2014

We are excited to announce that ACES: A Community on Ecosystem Services, in partnership with the Ecosystem Markets Community and the Ecosystem Services Partnership, will host the ACES 2014 Conference in Washington, DC, December 8-11, 2014. Please mark your calendar and make plans to attend this important meeting to help further the discussion on ecosystem service science, practice, and policy.

www.conference.ifas.ufl.edu/ACES

Submit a Session Proposal

The Program Committee is seeking input from the ecosystem services community via the session proposal process. If you would like to organize a pre-conference workshop, conference oral session, featured poster discussion, or a town hall meeting, check out the conference themes, and submit your proposal by March 31, 2014.

Submit an Individual Abstract

After the call for session proposals concludes, those seeking individual oral or poster presentations will be invited to submit abstracts for review and inclusion in the ACES program. Those involved with proposed sessions will also be asked to submit an abstract of their talk. The abstract submission deadline is July 11, 2014.

Sponsor ACES 2014

Sponsorship opportunities are available via the ACES 2014 website. Sponsor today to gain exposure to one of the world’s largest and most dynamic communities in ecosystem services. We expect 600+ ecosystem service stakeholders to join us for ACES 2014 and sponsors receive first option for our limited display space. Sponsor Today!

Visit the ACES 2014 website and join the mailing list to receive conference updates!

Who Should Attend?

ACES 2014 will bring together scientists, practitioners, managers and policy makers from government, academia, NGOs, and the private sector. Participants will include individuals with interests in resource management, restoration, institutions and policy, government, business, conservation, and urban and non-urban development and will have expertise in areas such as:

- Biophysical sciences
- Socioeconomic sciences
- Public environmental policy
- Markets and finance
- Resource and ecosystem management
- Sustainability and resilience
- Economic Development
- Policy, institutions, and law
- Urban and regional planning
- Geography
- Model and tool development

ACES 2014 will offer discussion on state-of-the-art methods and experiences relating to Ecosystem Services. Specific themes to be addressed include but are limited to the following:

- Ecosystem Service Identification, Production, and Flows
- Economic and Non-Economic Valuation
- Cultural Values and Traditional Knowledge
- Institutions, Markets, Incentives, and Legal Frameworks
- Adaptive Decision-Making
- Sustainability, and Resilience
- Adaptation and Climate Change
- Tribal Goals and Resources
- Public Policy, Science, and Practice
- Using Ecosystem Services for Energy and Water Resource Planning
- Public-Private Partnerships and Inter-Agency Coordination
- What’s Next? A decade after Millennium report
- Scaling, Networking, Consistency and Standardization after a Decade of Demonstration Projects
- Urban Ecosystems and Services

Questions? Contact Jhanna Gilbert, Conference Coordinator at jhanna@ifas.ufl.edu or 352-392-5330

The Cost of Not Maintaining Trees Symposium

Patel Center of Global Sustainability, University of South Florida

Tampa, Florida, USA

March 18-19, 2015

The International Society of Arboriculture, the Florida Urban Forestry Council, and the ISA Florida Chapter will host two full days of talks, featuring some of the world’s leading experts in the field of arboriculture, urban forestry, and utility vegetation management.

Speakers will include:
- Dave Nowak
- Greg McPherson
- Cecil Kempson
- Rich Maisel
- and more!

For more information or to register, go to: www.isa-arbor.com/conservationmatters
Employment Opportunities

POSITION AVAILABLE: Assistant Professor, Nursery Sustainability and Production TSU Nursery Research Center, McMinnville TN.

12-month, tenure track Assistant Professor position in Nursery Sustainability and Production. The position includes internal funding and a technician. Position closes September 30, 2014.

Duties:
Develop and execute a woody ornamental research program to improve the quality of stock and sustainability of production practices in the Tennessee nursery industry. Incumbent will develop methods to decrease inputs (water, nutrients, labor, chemicals, etc.) required for nursery production and increase quality (structure, form, survivability, etc.) of nursery stock produced in Tennessee. Primary emphasis is on field and container grown woodyamentals.

Areas to be addressed may include, but are not limited to, cultural, biological and mechanical practices to enhance sustainability, enhance production practices, enhance water use efficiency, optimize plant growth regulation and optimize post harvest survivability in field and container nursery production.

Qualifications/Experience:
Ph.D. in horticulture, plant physiology, plant nutrition, botany, or closely related field (ABD considered). Demonstrated training or education in fundamental and applied woody ornamental research. The successful applicant will demonstrate the ability to initiate, complete and publish research, work effectively with team-based research programs, colleagues and clientele, and must possess excellent written and oral communication skills.

Apply at https://jobs.tnstate.edu

Assistant or Associate Professor: Urban Forestry - Revised
School of Agricultural and Natural Sciences

The Department of Agriculture, Food and Resource Sciences (DAFRS) invites resumes for a nine month, full-time, tenure track position. Salary is commensurate with experience and qualification.

Responsibilities: The successful applicant will be expected to teach urban forestry classes from a course list consisting of any of the following: Dendrology, Forest Ecology, Forest Measurements, Forest Protection, Ornithology, Urban Affairs and Planning, and Natural Resources related lecture and or lab sections; develop new courses to strengthen the Urban Forestry degree program; and establish an externally funded research program in their area of interest that will involve both undergraduate and graduate students. Performs other related duties as assigned.

Qualifications: Ph.D. in Urban Forestry or related area required. Candidates must be eligible for forester certification for the State of Maryland. Experience in and desire to work with diverse populations of learners and stakeholders is preferred. Preference will be given for applicants who have a combination of academic preparation and experience in forestry. An undergraduate degree in forestry is preferred. Preference will also be given to applicants with field experience, demonstrated excellence in undergraduate teaching, demonstrated experience working with students in field applications, and research. Evidence of grantmanship and research output as supported through refereed publications is required. Additionally, the successful candidate must have excellent communication skills and a strong commitment to teaching, research and service.

Screening of the applicants will begin immediately and continue until a suitable candidate is found. Qualified applicants should submit a curriculum vitae, letter of application, unofficial transcripts of academic work (official transcripts will be required prior to an official offer being made), statement of scholarly interest, statement of teaching philosophy, and have three letters of professional recommendation sent directly by reference to:

Department of Human Resources
University of Maryland Eastern Shore
Princess Anne, MD 21853
E-mail:mvames@umes.edu

UMES is an EEO/AA employer. The successful candidate must be able to show acceptable documentation establishing the right to accept employment in the United States of America. Minorities, women and persons with disabilities are encouraged to apply.

Office of Human Resources
University of Maryland Eastern Shore

PNW Research Station is seeking to hire a Research Social Scientist in Olympia, Washington in the near future. The full performance level of this Research Social Scientist is GS-101-12. A Ph.D. in a social science field (e.g., sociology, geography, political science etc.) with an interest and ability in quantitative analysis is required.

The incumbent will reside in the Goods, Services and Values Program (PNW 2665) with a duty station in Olympia, Washington. The mission of the Program is to conduct and communicate research to advance understanding of relationships among people and forest and rangeland ecosystems. The unit conducts interdisciplinary research in five problem areas:
1. Improve knowledge of fundamental social and economic processes and their interactions with the natural environment.
2. Examine the roles of policies, programs, and other institutions in interactions between people and natural resources.
3. Describe and analyze the implications of changing demographics, socio-economics, and technology on natural resources and their management.
4. Describe the capacity of dynamic landscapes to provide for evolving human wants and needs.
5. Conduct and use integrated multidisciplinary research to support development of management approaches that account for interactions among socioeconomic, ecological, and physical factors.

The Program’s researchers work from Alaska, Washington, Oregon, nationally, internationally and in partnerships with other Forest Service researchers, university scientists, policy makers and managers with the ultimate goal of improving understanding about the effectiveness, efficiency, and fairness of government policies, management, decision-making processes, and programs. The researchers work towards this goal by helping policymakers, managers, and the public understand the variety of available options and the ways they interact with and manage natural resources.

Research will be in one or more of the following areas: (1) ecosystem management, particularly how human behavior affects ecosystems and associated goods and services policies, and regulations; (2) analyses of environmental justice in the provision of ecosystem goods and services; (3) how the natural environment affects human systems and/or (4) analyses of social and environmental factors affecting peoples’ behavior and management of ecosystems. Specific research topics may include analyses of strategies, policies or regulations relating to climate change, water systems, riparian restoration, land use change and development, ecosystem services, cultural ecosystem services, recreation behavior.

Please contact Simon Kihia at smkihia@fs.fed.us for further information about the position.

To be considered, applicants must be U.S. citizens.
Thank you for your interest in this position.