

November 2016
Biometeorology
Quarterly



International Society of Biometeorology
A newsletter for students & new professionals



**Plan for the
21st International Congress of Biometeorology
Sept 3–7, 2017
Durham University, UK!**

<http://community.dur.ac.uk/icb.2017/index.html>

Workshop for the Students and New Professionals

Plan to come one day early to Durham to participate in a free workshop for only the Students and New Professionals Group! The workshop will be led by Sheila Tavares Nascimento. More information to come in the coming months!

Call for Symposia at ICB:

For those interested in submitting a symposium proposal please complete the proposal form at the end of this announcement. The closing date for proposal submissions is November 30, 2016. Proposals and any associated questions should be sent to Glenn McGregor at glenn.mcgregor@durham.ac.uk

Successful applications will be confirmed by December 16, 2016.

For more information, click [here](#).

SNP Newsletter Designers Needed!

Please email jennifer.vanos@ttu.edu if you are interested in helping out with the newsletter and playing a larger role in the SNP group!

Kudos



Yohann Chiu

Institut National de la Recherche Scientifique

Yohann won 1st Prize for poster presentation: "[Study of relationships between cardiovascular disease peaks and weather: Applications in Quebec and Montreal, Canada](#)" at the Canadian Society for Epidemiology and Biostatistics National Student Conference 2016

Andrew Leung, University of Toronto

Andrew is the new President, Graduate Students' Association at Scarborough (GSAS) at the University of Toronto in Canada.

Hanna Lokys, University Münster

Hanna began as a new Research Scientist in October working at University Münster in the Climatology working group. In this new position, Hanna teaches Bachelors and Masters classes, supervises Bachelor and Master theses, and completes research.

Vijendra Ingole, Umea University

Vijendra successfully defended his PhD

["Too Hot!: an Epidemiological Investigation of Weather-Related Mortality in Rural India"](#)

Castle Williams, University of Georgia

Castle recently became a student member of the AMS Committee on Effective Communication of Weather and Climate Information.

Jennifer Vanos, Texas Tech University

Jenni is beginning a new faculty position at the University of California San Diego. The position is joint between the Scripps Institution of Oceanography (Climate, Atmospheric Science, and Physical Oceanography), and the School of Medicine (Department of Family Medicine and Public Health).

Minh Phan, East Carolina University

Minh won the Graduate Student Oral Presentation Award for his presentation, "Communicating Weather Information through Social Media-ology: An Assessment of the National Weather Service's Social Media Content and Account Analytics," at the National Weather Association Meeting in Norfolk, VA in September.

Hanna Lokys, University Münster

Hanna presented research at "Air Quality 2016" conference in Milan. *"The use of indices to describe short-term effects of air quality and biometeorology on morbidity in western Germany"*.

Publications



Chiu, Y., Chebana, F., Abdous, B., Bélanger, D., & Gosselin, P. (2016). Mortality and morbidity peaks modeling: An extreme value theory approach. *Statistical Methods in Medical Research*, 0962280216662494. <http://smm.sagepub.com/content/early/2016/08/11/0962280216662494.abstract>

Lee, C.C. (2016) Reanalyzing the impacts of atmospheric teleconnections on cold-season weather using multivariate surface weather types and self-organizing maps. *International Journal of Climatology*. (Accepted, in press).

Gabriel, K.M.A., Kuechly, H.U., Falchi, F., Wosniok, W., Hölker, F.: Resources of dark skies in German climatic health resorts. *Int J Biometeorol* (2016). doi:10.1007/s00484-016-1187-y. <http://link.springer.com/article/10.1007/s00484-016-1187-y>

Liu, Y, Zhao, N, **Vanos, JK**, Cao, G. (2017) Effects of synoptic weather on ground-level PM_{2.5} concentrations in the United States. *Atmospheric Environment*. 148, 297–

Graham, A, Brown, RD, **Vanos, JK**, Kenny, NA. (2016) The relationship between neighbourhood tree canopy cover and heat-related ambulance calls during extreme heat events in Toronto, Canada. *Urban Forestry Urban Greening*. 20, 180-186.

<http://www.sciencedirect.com/science/article/pii/S161886671630348X>

Lam, C.K.C., Gallant, A.J.E. and Tapper, N.J. (2016), Perceptions of thermal comfort in heatwave and non-heatwave conditions in Melbourne, Australia, *Urban Climate*, doi:

<http://dx.doi.org/10.1016/j.uclim.2016.08.006>

Solis, P., **Vanos, JK.**, Forbis, R. The Decision-making / Accountability Spatial Incongruence Problem for Research linking Environmental Science and Policy. *Geographical Review*.

Online: <http://onlinelibrary.wiley.com/doi/10.1111/gere.12240/full>

Berisha, V., **Hondula, D.**, Roach, M., White, J. R., McKinney, B., Bentz, D., ... & Goodin, K. (2016). Assessing adaptation strategies for extreme heat: a public health evaluation of cooling centers in Maricopa County, Arizona. *Weather, Climate, and Society*, (2016). <http://journals.ametsoc.org/doi/abs/10.1175/WCAS-D-16-0033.1>

***Note: Names in bold indicate SNP members*

News You Can Use



[What does the science say about why our knees hurt when it rains?](#)

Simon Gosling Interviewed by the BBC.

Simon Gosling was interviewed by BBC Mundo, which is the BBC's service for the Spanish-speaking world and attracts around 8.5 million unique visitors each month. They did a feature on biometeorology with quotes from Simon and a number of references to the ISB. Simon also referred the journalist to articles in IJB, which is nice to see get a mention in the final BBC article.



[STEM speaker explores Biometeorology](#)

[Castle Williams writes Blog Post for *The Weather Social*](#)

[Minh Phan writes a blog post as well on Hurricane Matthew](#)

Opportunities



NASA Graduate Student Opportunity



NASA Earth and Space Science Fellowship (NESSF) Program

NASA announces a call for graduate fellowship proposals to the NASA Earth and Space Science Fellowship (NESSF) program for the 2017-2018 academic year. This call for fellowship proposals solicits applications from accredited U.S. universities on behalf of individuals pursuing Master of Science (M.Sc.) or Doctoral (Ph.D.) degrees in Earth and space sciences, or related disciplines. The purpose of NESSF is to ensure continued training of a highly qualified workforce in disciplines needed to achieve NASA's scientific goals. Awards resulting from this competitive selection will be made in the form of training grants to the respective universities.

The NESSF call for proposals and submission instructions are located at the NESSF 17 solicitation index page at <http://nspires.nasaprs.com/>- click on "Solicitations" then click on "Open Solicitations" then select the "NESSF17" announcement. Also refer to "Program Specific Questions" and "Frequently Asked Questions" listed under "Other Documents" on the NESSF17 solicitation index page.

Conferences & Courses



TropAg2017

International Tropical Agriculture Conference

High impact science to nourish the world



20-22 November 2017 | Brisbane Convention & Exhibition Centre, Australia

TropAg2017, the world's pre-eminent international tropical agriculture and food conference, is now inviting abstract submissions for presentation at the TropAg2017 conference in **Brisbane, Australia, on 20-22 November 2017**. The conference theme is *High Impact Science to Nourish the World* and abstracts may address five themes related to global nutritional security.

Theme 1: Future Field Crops

Theme 2: Harnessing Horticultural Crops

Theme 3: Advancing Animal Science

Theme 4: Nutrition and Food Sciences

Theme 5: Drivers and Consequences of Intensifying Agriculture and Food Systems

Please refer to the [Call for abstracts](#) for detailed guidelines, submission requirements and a description of the themes. **The call for abstracts will close on 20 March 2017.**



Association of American Geographers Conference

April 5-9th, 2016 Boston

<http://www.aag.org/annualmeeting>

American Meteorological Society



97th Annual American Meteorological Society Meeting-Seattle, WA
January 22 - January 26, 2017

Web Program Posted: <https://ams.confex.com/ams/97Annual/webprogram/>

Jobs



**TEXAS TECH UNIVERSITY
ATMOSPHERIC SCIENCE GROUP
DEPARTMENT OF GEOSCIENCES
TENURE-TRACK POSITION**



The Department of Geosciences at Texas Tech University (TTU) invites applications for a tenure-track faculty position in Atmospheric Science to begin in Fall 2017. The position will be filled at the Assistant Professor level. A Ph.D. in Atmospheric Science or a closely related field is required at the time of appointment. The successful candidate will establish an innovative, externally-funded academic research program, instruct graduate and undergraduate courses, and direct M.S. and Ph.D. student research. Service duties include program-building, as well as commitment to extra-curricular activities. Service to the department, college, and university is expected. Applicants whose research program can contribute to University strategic priorities in areas such as climate and hydrology are especially encouraged to apply, but consideration will be given to other tangential disciplines that have exceptional promise of growth. Applicants must first visit the TTU employment website at <http://jobs.texas-tech.edu>. Once there, select "Faculty" then "Search Openings", search for requisition number 8789BR, and provide the required information.



Two Assistant Professor Positions at

Arizona State University

School of Geographical Sciences & Urban
Planning

The School of Geographical Sciences and Urban Planning invites applications for a full-time, tenure-track position as Assistant Professor with an anticipated start date of August 2017 (Job #11790). We are particularly interested in applicants with a research focus in urban environmental planning. The successful candidate will teach in the urban planning undergraduate, Masters of Urban and Environmental Planning and doctoral planning programs, and have an active agenda of peer-reviewed publications. For complete qualifications and application information please visit:

<https://geoplan.asu.edu/employment>.

The School of Geographical Sciences and Urban Planning (SGSUP) invites applications for a full-time, tenure-track Assistant Professor with advanced expertise in social science research methods, including statistics, for an anticipated start date of August 2017 (Job# 11788). The successful candidate is expected to teach advanced social science statistics and social science methods at the graduate and undergraduate level, mentor both undergraduate and graduate students, conduct collaborative research, present research findings in peer-reviewed scholarly outlets and in public fora, seek external funding, and provide service to the university and profession. For complete qualifications and application information please visit: <https://geoplan.asu.edu/employment>.



ANNOUNCEMENTS AND FINAL THOUGHTS

If you have any questions, comments, contributions, or ideas for submissions to the *Biometeorology Quarterly Newsletter* for the ISB Students and New Professionals Group, please feel free to contact Jennifer Vanos (jennifer.vanos@ttu.edu) or Andrew Leung (andrewc.leung@mail.utoronto.ca). Connect with us too on Twitter using the Twitter handle [@biometeorology](https://twitter.com/biometeorology).

****Please be sure that your membership is up to date with the International Society of Biometeorology. This comes at a significantly discounted rates for students and new professionals, and you get some freebies with it too. Also, to be a member of the SNP group you must be an ISB member, so check your status! Go here: <http://www.biometeorology.org/members/>**

****Also please tell other undergraduate and graduate students in your department about the Student and Young Professional organization within the International Society of Biometeorology!**



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Twitter



Website

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Contact our SNP Chair for more information: Jennifer Vanos (jennifer.vanos@ttu.edu)

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