

Biometeorology Quarterly



International Society of Biometeorology
A newsletter for students & new professionals

www.biomet-education.net



We hope that everyone who was able to make it to ICB21 in Durham, England had a great time! If you missed the conference or need a refresher, you can find the minutes from the SNP meeting [HERE](#).

A Interview with Outgoing Chair Dr. Jennifer Vanos





1. Starting out as a member and now spending three years as chair of the SNP, how has the group grown and evolved since you became involved?

The group was already such an active group when I became Chair because of all the hard work by Kate Bassil and Simon Gosling. I think that in my role as Chair, I was able to continue the worldwide involvement and further integrate people through the new Biometeorology Quarterly Newsletter and the Website. Members of the SNP group are very active and successful, and it is great to have a forum to share our successes with each other and the Society, as well as make others around the world who may be interested have a place to find more information.

2. What is the biggest accomplishment of the group during your time as chair?

I think that the workshop held at Old Dominion, hosted by Mike Allen, was a huge accomplishment by the group. We were able to produce numerous outputs that demonstrate the SNPs integration of ideas and forward thinking, and the creation of the new BiometEd website (ran by Hamed Mehdipoor) is a great example of this.

3. How has being in the SNP group helped to shape where you are as a new professional today?

It has helped me realize the unique perspectives on research and teaching around the world, between institutions, and between disciplines. We all have experiences that each other can gain from, and many of us in the group are at a similar career stage in our lives. The awareness of each other's research and teaching successes and having a community with which to keep connected is an extremely important of an academic lifestyle that can otherwise feel isolating. I think my role as Chair has allowed me to support members of the group and share both my successes and failures in an open way so that we can all learn from each other, such as at our congress workshops.

4. What would you like to see from the SNP group over the next three years?
I am hopeful that the group maintains its size and that the international ties become even stronger. I am also hopeful that members become more active on the website and participate in the creation of a new textbook with senior members of the ISB.

5. What is your favorite dinosaur?

Littlefoot (Ed. note: Presumably from *The Land Before Time*).

On behalf of the entire Student and New Professionals Group, we would like thank Dr. Vanos for her great leadership over the past three years! You're the best!

Kudos



The 2017-2020 Executive Board of the Student and New Professionals Group has been announced. Congratulations to all who will lead us through the next three years as we look forward to Brazil in 2020!

Chair: *Hamed Mehdipoor*, University of Twente, Netherlands

Outgoing Chair: *Jennifer Vanos*, University of California San Diego, USA

IT Administrator & Assistant: *Hamed Mehdipoor*, University of Twente, Netherlands and *Britta Jänicke*, National Institute of Meteorological Sciences, Korea, South Korea

Research Administrator: *Andrew Leung*, University of Toronto, Canada

Communications Director: *Daniel Vecellio*, Texas A&M University, USA

Content Curation Assistants: *Angela Lees*, University of Queensland, Australia and *Alexandria Herdt*, Natural Resources Program, USA.

Congratulations to **Andrew**



Leung who recently started a job as a Physical Science Specialist with Environment and Climate Change Canada.

Welcome to our new members!

Katarzyna Lindner-Cendrowska
ASSISTANT PROFESSOR AT UNIVERSITY OF WARSAW

Mohammad Taleghani
RESEARCH FELLOW AT UNIVERSITY OF SALFORD

Jana Fischereit
PHD-STUDENT AT METEOROLOGICAL INSTITUTE, UNIVERSITY OF HAMBURG

Emily Hecker
PHYSICIAN AT ENLIGHTEN FUNCTIONAL MEDICINE, PRIVATE PRACTICE

Publications



Lam CKC, Hang J (2017) Solar Radiation Intensity and Outdoor Thermal Comfort in Royal Botanic Garden Melbourne during Heatwave Conditions. *Procedia Engineering* 205:3456-3462. <https://doi.org/10.1016/j.proeng.2017.09.877>

Elcik, C., **Fuhrmann, C.M.**, Mercer, A.E., and Davis R.D. (2017) Relationship between air mass type and emergency department visits for migraine headache across the Triangle region of North Carolina

Int J Biometeorol. <https://doi.org/10.1007/s00484-017-1432-z>

Lees, A. M., J. C. Lees, V. Sejjan, **A. L. Wallage**, and J. B. Gaughan. 2017. Short communication: using infrared thermography as an in situ measure of core body temperature in lot-fed Angus steers. *International Journal of Biometeorology*: 10.1007/s00484-00017-01433-y.

Lees, A. M., J. C. Lees, A. T. Lisle, M. L. Sullivan, and J. B. Gaughan. 2017. Effect of heat stress on rumen temperature of three breeds of cattle. *International Journal of Biometeorology*: doi:10.1007/s00484-00017-01442-x.

Gaughan, J. B., **A. M. Lees**, and V. Sejian. 2017. Sixty years of animal biometeorology. *International Journal of Biometeorology*: doi:10.1007/s00484-00017-01459-00481.

Hardin, A. W., Liu, Y., **Cao, G.**, and **Vanos, J. K.** (2017). Urban heat island intensity and spatial variability by synoptic weather type in the northeast US. *Urban Climate*. <https://doi.org/10.1016/j.uclim.2017.09.001>

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

News You Can Use

Many of our SNP members have been making headlines with their research or media interviews! A few are listed below.

- **Dr. David Hondula** and other researchers at Arizona State University were quoted in a series of stories in *The Republic* (Phoenix, AZ newspaper) about the effects of the extreme heat of 2016 on those in the community. <https://www.azcentral.com/story/news/local/arizona-environment/2017/10/19/human-cost-heat-those-who-paid-record-year-deaths-metro-phoenix/646194001/>
- **Dr. Jennifer Vanos** was featured in a University of California-San Diego news story about her undergraduate course: Experiences in Ocean and Climate Science: <https://scripps.ucsd.edu/news/photo-week-undergraduates-ahoy>



Dr. Yuri Hosokawa chaired a meeting in Washington D.C., titled "Roundtable in Activity Modification in Heat" on October 19th, 2017. The event was supported by the National Integrated Heat Health Information System (NIHHIS). The Korey Stringer Institute has been working to facilitate collaborations and discussion among federal sectors that regulate heat activity modification guidelines in athletic, military and occupational settings. 23 participants from 9 different entities were represented at the meeting and participants of the meeting are currently working on a manuscript that gathers current consensus

regarding heat activity modification guidelines for physically active population (athletes, warfighters, and laborers), which is hoped to be released next year.

Conferences & Courses



American Meteorological Society



98th Annual American Meteorological Society Meeting

Austin, TX

January 7 - 11, 2018

<https://annual.ametsoc.org/2018/>



Alexander von Humboldt
Stiftung / Foundation

International Climate Protection Fellowship

For young climate experts from developing countries.

Germany

Apply by March 1, 2018

<https://www.humboldt-foundation.de/web/icf.html>



2018 American Dairy Science Association Annual Meeting

Knoxville, Tennessee

June 24 - 27, 2018

<https://www.adsa.org/2018/>



**Australian
Society of
Animal
Production**

**32nd Biennial Conference of the Australian Society of Animal
Production**

Conference theme "Fostering Innovation through the value chain".

Wagga Wagga, New South Wales, Australia

July 2 - 4, 2018

<http://www.asap.asn.au/2018-conference/>



2018 ASAS-CSAS Annual Meeting & Trade Show

Vancouver, Canada

July 8 -12, 2018

<https://www.asas.org/meetings/annual-2018>



**10th International Conference on Urban Climate/14th Symposium
on the Urban Environment**

New York, NY

August 6 -10, 2018

<https://www.ametsoc.org/ams/index.cfm/meetings-events/ams-meetings/10th-international-conference-on-urban-climate-14th-symposium-on-the-urban-environment/>



Phenology 2018 Conference

Melbourne, Australia

September 23 – 27, 2018

Under the leadership of the ISB Phenology Commission.

<http://phenology2018.com.au/>

PLEA 2018
Smart and Healthy within the 2-degree Limit



PLEA2018 (Passive and Low Energy Architecture)

Hong Kong, China

December 10 - 12, 2018

<http://web5.arch.cuhk.edu.hk/server1/staff1/edward/www/plea2018/home.html>

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 Communications Director Daniel Vecellio (djvecellio@tamu.edu) or Content Curators Lexie Herdt (aherdt0725@gmail.com) and Dr. Angela Lees (a.mcilwain@uq.edu.au). 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!**



Facebook



Twitter



Website

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Contact our Communications Director for more information: Daniel Vecellio (djvecellio@tamu.edu)

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