



Tree-Ring Society Newsletter

December 2019

A Message from the President (Iain Robertson)

It is my pleasure to welcome you to the TRS newsletter and thank you for your continued support. We are an active society dedicated to supporting dendrochronology with 250 members throughout the World. We have an amazing opportunity ahead. As there was a lack of venues for AmeriDendro, it has been suggested that we run a **virtual conference** in June 2020 (or possibly a little later). If we're serious about **reducing our carbon footprint**, this has many advantages but the **lack of social interaction** is a real concern. We have had very mixed feedback on this suggestion so far. One idea was to have a physical venue (a couple of latecomers are now being investigated) with several breakout virtual sessions.

Alternatively, we could establish a more traditional conference in the summer of 2021. Whatever the final format of a virtual conference, there would be a minimal charge to cover the technical wizardry and ensure people are committed to the event with TRS members paying a reduced fee. Amongst several people that are familiar with the software (Zoom or equivalent), Dr Nathan English, has already demonstrated that it is technically possible. A virtual conference will never replace the need to occasionally meet up and discuss research but, if you believe that we should give this a go, please email me (dendro@gmail.com) before 15 January 2020. Please get in touch as a conference without participants is not a success! **Be honest.**

Members should have recently received an email about membership renewal. As our main source of income is from membership fees and all expenses have increased there has been a slight increase for some members (\$5). Fortunately, the rate will remain the same for retirees, students and members from developing countries. The good news is that, to encourage prompt payment, if you **renew before the end of December 2019**, we will accept the old fee.

Although not a TRS Conference, we were able to partly support the Conference fees of two scientists (\$300) to attend the 6th Asian Dendrochronology Conference at the Birbal Sahni Institute of Palaeosciences in Lucknow, India in November 2019.

<http://pastglobalchanges.org/calendar/upcoming/127-pages/1931-asiandendro19>

Following the successful development of a policy on “Bullying, Harassment and Sexual Harassment”, we are in the process of developing a “Professional Code of Conduct” and are always interested in input from members. Please get in touch if you are prepared to comment upon the draft document. Again, we’re here to help you.

January 2020 Issue of Tree-Ring Research

Your membership fee supports our journal (5-year impact factor = 2.183). We strongly encourage the dissemination of information and there are **no page charges for papers under 10 pages with black-and-white graphics**. An open-access option is also available at reduced cost to TRS members. The issue that is currently in production is volume 76, number 1. It will include papers on tropical edge effects on Araucaria climate sensitivity (Albiero-Júnior *et al.*), Rocky Mountain bristlecone pine frost rings (Brown *et al.*), resin ducts induced by increment coring (Klutsch *et al.*), common climate signals in high-latitude co-occurring species (Strong), and fire history in Corsica/France (Szymczak *et al.*). Additionally, a short In Memoriam is provided for Wallace Broecker related to his contributions to tree-ring studies. “Online First” versions of this content can be found at <https://treeringresearch.org/toc/trre/0/0>. As always, new submissions are welcome, and general instructions are at <https://treeringresearch.org/page/edpolicy>.

Donations!

We rely upon your support. For members within the USA you can still make **tax-deductible donations within the current US tax year** as the Tree-Ring Society is a 501(c)(3) USA nonprofit organization. Please specify if you would like this donation to be made towards the Florence Hawley Ellis Diversity Award. Thank you.

North American Dendroecological Fieldweek (NADEF)



The formal links between the TRS and NADEF have been very successful and we are pleased to announce that individual members of the TRS can obtain a **\$100 discount** off the full fieldweek fees! The next NADEF will be held at the A.L. Mikelson Field Station near Cody in Wyoming, USA in the Summer of 2020. Further information about NADEF can be found at:

<https://sites.google.com/view/nadef/the-science>

Dendrochronology in China



We are proud to have been represented at several high-profile conferences in China (at no cost to the TRS). The **6th China Dendrochronology Conference** was held at Xishuangbanna Tropical Botanical

Garden (XTBG), Chinese Academy of Sciences in Yunnan Province from 23-27 October 2019. Under the theme “*Tree Rings, Environment, and Tropical Forests*” more than 330 researchers from China (and Germany) were present. There were 115 oral presentations and 36 posters demonstrating the strength of the discipline in China. Prof. Yu Liu, the President of the China Tree-Ring Society, and Prof. Jin Chen, the Director of XTBG, both gave opening addresses. Several scientists were honored in recognition of their significant contribution to the progress of dendrochronology in China. Prof. Jiangfeng Li, Prof. Yujiang Yuan and Prof. Xuemei Shao received the Outstanding Contribution Award in China Dendrochronology. Two young dendro-scientists, Prof. Keyan Fang and Assoc. Prof. Xiuchen Wu were awarded the prestigious Youth Talent Award. Two pre-conference training courses covering “*xylem anatomy and cell traits*” and “*tree rings and climate change*” were organized by XTBG.

The China Dendrochronology Conference is held every two years. The past five conferences were held in Xi’an, Urumqi, Shenyang, Fuzhou, and Harbin. The **next conference would be held in October 2021 in Zhuhai, Guangdong Province** organized by Beijing Normal University. The conference is expected to promote tree ring research and further development in China.

The **International Symposium of Multiscale Climate Variability and Dynamics** was successfully held by Institute of Earth Environment, Chinese Academy of Sciences from 13-19 October 2019 in Xi'an, China. More than 70 participants from the USA, Germany, UK, Spain, Brazil, Japan, South Korea, Thailand and China, attended the symposium. The symposium was divided into two sessions covering “*Suborbital to millennial climate changes during the Quaternary*” and “*Centennial to seasonal climate variability over the past thousands of years.*” Between these sessions, the participants visited the Lantian loess-red clay site and the State Key Laboratory of Loess and Quaternary Geology. Discussions focused upon cutting-edge scientific issues in the field of multi-scale climate change, such as the sensitivity and difference of marine and terrestrial biomass records, the temporal and spatial similarities and differences of abrupt events, the feasibility of paleoclimate data integration, and the challenge of comparison between records and simulation. At both Conference we strongly encouraged researchers to become members of the TRS!

Connect with TRS

Connect with other members of the tree-ring community! Please visit the TRS web pages (treeringsociety.org), or connect with us on Twitter (@treeringsociety) or Facebook (search “Tree-Ring Society”)

Executive Committee

If you have specific questions about the Tree-Ring Society please feel free to contact any member of the executive committee:

President:	Iain Robertson
Vice-President:	Jodi Axelson
Treasurer:	Elaine Kennedy Sutherland
Secretary:	Christopher Gentry
Communications:	Grant Harley
Editor:	Steve Leavitt
Student Representative:	Anabela Bonada (currently on parental leave)
Associate Council Member	Yu Liu (non-voting member)

If you have any questions regarding your renewal or making payments, please contact our Administrator, Lori Wilson at trslori@gmail.com