

# Jay Maillet, PhD



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## EDUCATION

University of Saskatchewan <b>PhD</b> <i>Environment and Sustainability</i> 2015 - 2020	University of Saskatchewan <b>M.E.S.</b> <i>Environment and Sustainability</i> 2013 - 2015	Mount Allison University <b>B.Sc. (Hons.)</b> <i>Environmental Science</i> 2010 - 2013
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## TEACHING EXPERIENCE

<b>2020</b>	<b>Instructor</b> , University of Saskatchewan Course title: Group Project in Renewable Resource Management (RRM 421)
<b>2019</b>	<b>Co-Instructor</b> , University of Saskatchewan Course title: Sustainability in Action (EVSC 401)
<b>2017</b>	<b>Instructor</b> , University of Saskatchewan Course title: Principles of Plant Ecology (PLSC 213)
<b>2016 – 2020</b>	<b>Teaching Assistant</b> , University of Saskatchewan Course title: Field Studies in the Environment (ASKI 101.3)
<b>2014 – 2018</b>	<b>Tutorial Leader</b> , University of Saskatchewan Course title: Renewable Resources and Environment (EVSC 110)
<b>2013</b>	<b>Teaching Assistant</b> , Mount Allison University Course title: Research Methods in Environmental Science (GENS 3401)
<b>2012</b>	<b>Teaching Assistant</b> , Mount Allison University Course title: Weather and Climate (GENS 2421)
<b>2011</b>	<b>Teaching Assistant</b> , Mount Allison University Course title: Introduction to the Physical Environment (GENS 1401)

## ACADEMIC POSITIONS HELD

<b>2018</b>	<b>Teacher-Scholar Doctoral Fellow (TSDF)</b>
<b>2014-2016</b>	<b>Lab Manager</b> , Mistik Askiwin Dendrochronology Laboratory
<b>2014</b>	<b>Contract Work</b> , Tree ring feature identification for BGC Engineering
<b>2013</b>	<b>Lab Manager</b> , Mount Allison Dendrochronology Laboratory
<b>2012</b>	<b>Research Assistant</b> , Mount Allison Dendrochronology Laboratory <b>Contract Work</b> : Field assistant in Labrador with MUN research group
<b>2011</b>	<b>Research Assistant</b> , Mount Allison Dendrochronology Laboratory

## HONOURS

- 2020** Provost's Outstanding Graduate Student Teacher Award
- 2018** Teacher-Scholar Doctoral Fellowship  
Devolved Teaching Scholarship  
SENS PhD Scholarship
- 2017** Top 20% of Instructors in the College of Agriculture and Bioresources  
Devolved Teaching Scholarship  
Saskatchewan Innovation & Opportunity Scholarship  
SENS PhD Scholarship
- 2016** Devolved Teaching Scholarship  
Saskatchewan Innovation & Opportunity Scholarship  
SENS PhD Scholarship
- 2015** CREATE Scholarship
- 2014** SENS Graduate Student Scholarship
- 2013** Dean's List, Mount Allison University

## PUBLICATIONS

- Metsaranta, J., Mamet, S., **Maillet, J.**, Barr, A.G. (2020) Comparison of tree-ring and eddy-covariance derived annual ecosystem production estimates for jack pine and trembling aspen forests in Saskatchewan, Canada. *Agricultural and Forest Meteorology* (in review).
- Pappas C., **Maillet, J.**, Rakowski, S., Baltzer, J.L., Barr, A.G., Black, A., Fatichi, S., Matheny, A.M, Roy, A., Sonnentag, O., Zha, T. (2020) Aboveground tree growth is a minor and decoupled fraction of boreal forest carbon input. *Agricultural and Forest Meteorology* 290 <https://doi.org/10.1016/j.agrformet.2020.108030>
- Pappas C., Baltzer J.L., Barr A., Black T.A., Bohrer G., Detto M., **Maillet J.**, Matheny A.M., Roy A., Sonnentag O., Stephens J. (2018) Boreal Tree Light- and Water-Use: Asynchronous, Diverging, yet Complementary. *Tree Physiology* 38(7): 953-964 <https://doi.org/10.1093/treephys/tpy043>
- Maillet, J.**, Laroque, C.P., Bonsal, B. (2017) A dendroclimatological assessment of shelterbelt trees in a moisture limited environment. *Agriculture and Forest Meteorology* 237: 30-38. <https://doi.org/10.1016/j.agrformet.2017.02.003>

## CONFERENCE PRESENTATIONS

- Nehemy, M., **Maillet J.**, Pappas C., Laroque C.P., McDonnell, J. Stable Isotopes in the Cold Critical Zone: Snowmelt Water Contributes Significantly to Tree Water Storage Refilling. *Fall Meeting of the American Geophysical Union (AGU)*. Online. December 1-17, 2020.
- Pappas C., **Maillet J.**, Rakowski, S., Baltzer J.L., Barr A., Black T.A., Fatichi, S., Matheny A.M., Roy A., Sonnentag O., Zha, T. Aboveground Tree Growth is a Minor Fraction of the Boreal Forest Carbon Sink and is Decoupled from Carbon Input. *Global Water Futures 3<sup>rd</sup> Annual Open Science Meeting*. Online. May 13<sup>th</sup>, 2020.
- Pappas C., **Maillet J.**, Rakowski, S., Baltzer J.L., Barr A., Black T.A., Fatichi, S., Matheny A.M., Roy A., Sonnentag O., Zha, T. Aboveground Tree Growth is a Minor Fraction of the Boreal Forest Carbon Sink and is Decoupled from Carbon Input. *European Geosciences Union (EGU)*. Online. May 4-8, 2020.
- Pappas C., **Maillet J.**, Rakowski, S., Baltzer J.L., Barr A., Black T.A., Fatichi, S., Matheny A.M., Roy A., Sonnentag O., Zha, T. Aboveground Tree Growth is a Minor Fraction of the Boreal Forest Carbon Sink and is Decoupled from Carbon Input. *Coloqne du Centre d'Étude Nordique (CEN)*. Montréal, QC. February 13-14, 2020.
- Maillet, J.**, Mood, B.J., Laroque C.P. Cross-Scale Applications of Dendrochronology in Forest Carbon Research. *Annual Meeting of the Canadian Association of Geographers*. Winnipeg, MB. May 27-31, 2019.
- Maillet, J.**, Laroque C.P. Building Sustainable Lifestyles: An Overview of ENVS 401 Sustainability in Action. *International Association of Universities Cluster on Sustainable Development Goal #12*. Regina, SK. May 6-7, 2019.
- Maillet, J.**, Barr, A., Laroque C.P. Insights from Twenty Years of Carbon Dynamics in Boreal Aspen and Jack Pine Stands. *International Geographical Union Regional Conference – Annual Meeting of the Canadian Association of Geographer – Annual Conference for the National Council for Geographic Education*. Québec, QC. August 6-10, 2018.
- Maillet, J.**, Barr, A., Laroque C.P. Multi-Scale Investigations of Boreal Carbon Allocation in Central Saskatchewan. *Annual Meeting of the Western division of the Canadian Association of Geographers*. Edmonton, AB. March 9-10, 2018.
- Person, Z., Verbeek, I., **Maillet, J.**, Laroque C.P. Get the Lead Out: Synchrotron Investigations of Lead in the Environment of St John's, NL. *Annual Meeting of the Western division of the Canadian Association of Geographers*. Edmonton, AB. March 9-10, 2018.
- Stark, B., Verbeek, I., **Maillet, J.**, Laroque C.P. Interspecific and Topographic Tree Climate Response: A Story from Nain, Labrador. *Annual Meeting of the Western division of the Canadian Association of Geographers*. Edmonton, AB. March 9-10, 2018.
- Pappas C., Baltzer J.L., Barr A., Black T.A., Bohrer G., Detto M., **Maillet J.**, Matheny A.M., Roy A., Sonnentag O., Stephens J. Boreal Tree Light- and Water-Use: Asynchronous, Diverging, yet Complementary. *Fall Meeting of the American Geophysical Union (AGU)*. New Orleans, LA. December 11-17, 2017.

- Stark, B., **Maillet, J.**, Laroque C.P. The Nain Event: Effects of Climate Change on Tree Growth in Nain, Labrador. *One Health Leadership Experience*. Saskatoon, SK. August 25-27, 2017.
- Stark, B., **Maillet, J.**, Laroque C.P. The Nain Event: Effects of Climate Change on Tree Growth in Nain, Labrador. *USRA Summer Social and Poster Competition*. Saskatoon, SK. August 17, 2017.
- Pappas C., Matheny A.M., **Maillet, J.**, Baltzer, J., Stephens, J., Barr, A., Black, A.T., Sonnentag, O. Plant hydraulic strategies and their variability at high latitudes: Insights from a southern Canadian boreal forest site. *Fall Meeting of the American Geophysical Union (AGU)*. San Francisco, CA. December 12-16, 2016.
- Maillet, J.**, Johnstone, J.F., Laroque, C.P. Understanding the Climate, Radial-Growth, and Carbon Interface at BERMS. *Annual General Meeting for the Changing Cold Regions Network*. Guelph, ON. Nov 2-4, 2016.
- Maillet, J.**, Laroque, C.P. Understanding Carbon Dynamics at Three Boreal Ecosystem and Research Monitoring Sites (BERMS) in Saskatchewan. *Annual Meeting of the Canadian Association of Geographers*. Halifax, NS. May 30<sup>th</sup> - June 4<sup>th</sup>, 2016.
- Maillet, J.** A Multi-Species Perspective of Boreal Forest Growth Dynamics and Carbon Uptake. *Annual Symposium for the School of Environment and Sustainability*. Saskatoon, SK. March 18<sup>th</sup>, 2016.
- Maillet, J.**, Laroque, C.P. From Annual to Intra-annual: exploring the radial growth-climate relationship with high resolution data. *Annual Meeting of the Canadian Association of Geographers*. Vancouver, BC. June 1-6, 2015.
- Maillet, J.**, Laroque, C.P. Watching Trees Grow: The use of intra-annual measures of radial-growth in dendroclimatological studies. *Annual Meeting of the Canadian Society for Ecology and Evolution*. Saskatoon, SK. May 21-25, 2015.
- Maillet, J.** White spruce radial growth and continentality in Labrador. *Annual Symposium for the School of Environment and Sustainability*. Saskatoon, SK. March 27<sup>th</sup>, 2015.
- Maillet, J.**, Laroque, C.P. Analysis of white spruce radial growth under coastal influences in Labrador. *Annual Meeting of the Western division of the Canadian Association of Geographers*. Victoria, BC. March 7-8, 2014.
- Maillet, J.**, Laroque, C.P. Analysis of white spruce radial growth under coastal influences in Labrador. *Annual Meeting of the Atlantic division of the Canadian Association of Geographers*. Moncton, NB. October 18-20, 2013.
- Maillet, J.**, Jennings, C., Laroque, C.P., and Van Rees, K. Dendroclimatological study of shelterbelt trees in a moisture limited environment. *Annual Meeting of the Canadian Association of Geographers*. St. John's, NL. August 11-15, 2013.

**Maillet, J.**, Jennings, C., Murray, S., Laroque, C.P. Rockin' Out with Ghost Glacier: An exercise in hydrodynamic transport. *Annual Meeting of the Atlantic Division of the Canadian Association of Geographers*. Halifax, NS. October 19-21, 2012.

Jennings, C., **Maillet, J.**, and Laroque, C.P. Examining growth patterns of *Picea glauca* and *Fraxinus pennsylvanica* across a latitudinal gradient. *Annual Meeting of the Atlantic division of the Canadian Association of Geographers*. Halifax, NS. October 19-21, 2012.

**Maillet, J.**, Laroque, C.P. Growth analysis of *Fraxinus Pennsylvanica* in prairie shelterbelt systems. *Annual meeting: Summer Undergraduate Research Fair*. Sackville, NB. September 14<sup>th</sup>, 2012.

**Maillet, J.**, Davis, E., Laroque, C.P. Determining the Annual-shoot Elongation Parameter of *Cassiope mertensiana* as a Paleo-climate Proxy Indicator in the Canadian Rocky Mountains, Jasper AB. *Annual Meeting of the Atlantic Division of the Canadian Association of Geographers*. Sackville, NB. October 14-16, 2011. (**Won runner-up for best oral paper**)

#### MANUSCRIPTS IN PREPARATION

**Maillet, J.**, Mood, B.J., Laroque, C.P. Recent warming and wetting is having a short term positive impact on southern boreal forest trees in Saskatchewan.

**Maillet, J.**, Laroque, C.P. Spurious correlations influence relationships between radial growth and ecosystem carbon at daily temporal resolution.

**Maillet, J.**, Barr, A., Laroque, C.P. Insights from twenty years of carbon dynamics in boreal aspen and jack pine stands.

**Maillet, J.**, King, G., Laroque, C.P. The importance of minimum daily temperature in driving intra-annual white spruce radial growth at treeline.

**Maillet, J.**, Laroque, C.P. Growing degree-days as a predictor of radial tree growth in Labrador.

#### PROFESSIONAL DEVELOPMENT ACTIVITIES

**2020**      **Remote Teaching Workshops (Gwenna Moss Centre):** In light of the COVID-19 global pandemic, I attended a series of remote teaching workshops, including: Using WebEx Training Centre, How to Use Discussion Forums Effectively, Ideas and Tips for Writing Assignments, Assessment Decisions and Academic Integrity, Building a Virtual Learning Community, Designing Learning for Asynchronous Delivery, and Synchronous Facilitation.

**2019**      **Facilitator at Camp Nehiyawe:** Responsible for leading a breakout group to discuss forests, trees, and first nations perspectives during a cultural camp at Muskeg Lake Cree Nation.

**2018**      **Mental Health First Aid Training:** I am better able to interact with and help students who may be suffering from a mental illness.

**Teacher-Scholar Doctoral Fellow (TSDF):** As a TSDF, I attend GPS 982: Mentored Teaching during terms 1 and 2 (2018 – 2019), and teach EVSC 401: Sustainability in Action during term 2.

**Teaching Workshop (Gwenna Moss Centre):** 2-day Instructional Basics Workshop (IBW)

**Guest Lecture, ASKI 101.3 Field Studies in the Environment:** On forests, a broad overview and introduction.

**Science Mentor for Students on the Beamlines:** A Canadian Light Source Outreach Program funded by NSERC PromoScience. Bishop Grandin High School: The effect of heavy metal pollution on terpene production and flammability in trees.

2017

**Guest Speaker, Queen's University:** On the boreal forest, climate change, and carbon interface, ongoing research at the BERMS sites.

**Lab Rotation at Queen's University:** During this time, I was working with Dr. Greg King on the treatment and analysis dendrometer data. We are currently collaborating on a manuscript using existing data from one of my field campaigns in Northern Labrador.

**Guest Lecture, ASKI 101.3 Field Studies in the Environment:** On forests, a broad overview and introduction.

**Guest Lecture, BIOL 373 Community Ecology:** On the impact of historical and contemporary change on boreal forest structure and resilience.

**Science Mentor for Students on the Beamlines:** A Canadian Light Source Outreach Program funded by NSERC PromoScience. Bishop James Mahoney High School: Exploring the effects of anthropogenic pollution on native plants of Saskatchewan (Saskatoon Berries and Sweet Grass).

**Teaching Workshop (Gwenna Moss Centre):** Embedding active learning, research, and inquiry-based learning.

2016

**Guest Lecture, ASKI 101.3 Field Studies in the Environment:** On forests, a broad overview and introduction.

**Guest Lecture, Sustainability Course Design Institute:** On sustainability as it pertains to educators.

**Science Mentor for Students on the Beamlines:** A Canadian Light Source Outreach Program funded by NSERC PromoScience. Luseland School Science Club: Chemical Comparison of Crooked and Non-Crooked Aspen Using XRF and XANES Technology.

**Syllabus / Course Development:** Played a lead role in designing a course for second year undergraduate students. The course is designed to provide a suitable introduction to concepts of sustainability, sustainable development, and

the greater field of sustainability science, including relevant theories and approaches applied in this interdisciplinary field of study.

**2015**      **Stand-In Lecturer, EVSC 110 Renewable Resources and Environment** Four lectures on radiative balance, the carbon cycle, forest dynamics, and biofuels.

**Guest Lecture, ECUR 498.3 Teaching Indigenous Science:** On dendrochronology and its potential application in experiential learning.

**Sensor Design:** Helped to develop and prototype a band dendrometer (Pro6) with funding from the University of Saskatchewan industry liaison office.

#### COMMUNITY ENGAGEMENT

**Carbonless Concert Series:** Beginning in October 2016, I've hosted a series of carbonless concerts, aimed at promoting local live music and sustainability in the community. At these events, I use solar powered generators to power all the audio equipment and lighting. For me, this is a way to lead by example, to engage my community in discussions of sustainability, to show the potential of solar energy on a small scale, and to support local musicians and local live music.

**Carbonless Concert, Youth Engaging Youth, and Canada 150:** Carbonless Concert X took place on September 30<sup>th</sup>, 2017. This was the 10<sup>th</sup> show in the series, and marked the one-year anniversary of the Carbonless Concert initiative. For this, I was approached by the community animator for the Ukrainian Congress Youth Engaging Youth program with funding from Canada 150. They were impressed by my initiative and offered financial support for this capstone event, which was shared widely and offered free of charge for all to attend.

**Earth Day Talks at École River Heights (2017-present):** Visit grade-two classes once a year on earth day to talk about the environment, teach about trees, and read stories.

#### ORGANIZING ACTIVITIES

**2019**      **Chair:** Session on Forests, Carbon, and Climate, *Annual Meeting of the Canadian Association of Geographers*, at the University of Winnipeg, Winnipeg, MB.

**2018**      **Organizer:** Dendrochronology special session, *Annual Meeting of the Western Division of the Canadian Association of Geographers*, at the University of Alberta, Edmonton.

**2016**      **Organizer:** Dendrochronology special session, *Annual Meeting of the Canadian Association of Geographers*, at Saint Mary's University and Dalhousie University, Halifax, NS.

**Member of the Planning Committee for the Sustainability Course Design Institute:** Assisted in planning a two-day workshop for the integration of sustainability in course design.

- 2015**      **Organizer:** Dendrochronology special session, *Annual Meeting of the Canadian Association of Geographers*, at Simon Fraser University, Vancouver, BC.
- 2013**      **Student Representative:** Atlantic Division of the Canadian Association of Geographers.

## TECHNICAL REPORTS

- Wood, S., **Maillet, J.**, Marleau, N., Bowman, J., Jackle, T., and Laroque, C.P. (2016) A Dendrochronological Analysis of Canadian Prairie Shelterbelts: Fisher Farm. *MAD Lab Report 2016-01*
- Wood, S., **Maillet, J.**, Marleau, N., Bowman, J., Jackle, T., and Laroque, C.P. (2016) A Dendrochronological Analysis of Canadian Prairie Shelterbelts: Gust Farm. *MAD Lab Report 2016-02*
- Wood, S., Banman, K., **Maillet, J.**, and Laroque, C.P. (2016) Progress Report for the Pro6 and Pro7 Dendrometers. *MAD Lab Report 2016-05*
- Wood, S., **Maillet, J.**, Marleau, N., Millette, V., Laroque, O.J., and Laroque, C.P. (2015) A Dendrochronological Analysis of Canadian Prairie Shelterbelts: Ruest Farm I. *MAD Lab Report 2015-02*
- Wood, S., **Maillet, J.**, Marleau, N., Millette, V., Laroque, O.J., and Laroque, C.P. (2015) A Dendrochronological Analysis of Canadian Prairie Shelterbelts: Perron Farm. *MAD Lab Report 2015-03*
- Wood, S., **Maillet, J.**, Marleau, N., Millette, V., Laroque, O.J., and Laroque, C.P. (2015) A Dendrochronological Analysis of Canadian Prairie Shelterbelts: Kobes Farm. *MAD Lab Report 2015-04*
- Wood, S., **Maillet, J.**, Marleau, N., Millette, V., Laroque, O.J., and Laroque, C.P. (2015) A Dendrochronological Analysis of Canadian Prairie Shelterbelts: Jurke Farm. *MAD Lab Report 2015-05*
- Wood, S., **Maillet, J.**, Millette, V., Marleau, N., and Laroque, C.P. (2015) A Dendrochronological Analysis of Canadian Prairie Shelterbelts: Ruest Farm II. *MAD Lab Report 2015-06*
- Wood, S., Millette, V., **Maillet, J.**, Marleau, N., Laroque, O.J., and Laroque, C.P. (2015) A Dendrochronological Analysis of Canadian Prairie Shelterbelts: Moulton Farm. *MAD Lab Report 2015-07*
- Maillet, J.**, Marleau, N., Wood, S., Millette, V., and Laroque, C.P. (2015) A Dendrochronological Analysis of Canadian Prairie Shelterbelts: Hystad Farm. *MAD Lab Report 2015-08*
- Wood, S., **Maillet, J.**, Marleau, N., Millette, V., Laroque, O.J., and Laroque, C.P. (2015) A Dendrochronological Analysis of Canadian Prairie Shelterbelts: Burns Farm. *MAD Lab Report 2015-09*
- Wood, S., Millette, V., **Maillet, J.**, Marleau, N., Laroque, O.J., and Laroque, C.P. (2015) A Dendrochronological Analysis of Canadian Prairie Shelterbelts: Fehr Farm. *MAD Lab Report 2015-10*
- Wood, S., **Maillet, J.**, Marleau, N., Millette, V., Verbeek, I., and Laroque, C.P. (2015) A Dendrochronological Analysis of Canadian Prairie Shelterbelts: Iffy Nipper. *MAD Lab Report 2015-11*
- Wood, S., **Maillet, J.**, Marleau, N., Millette, V., Laroque, O.J., and Laroque, C.P. (2015) A Dendrochronological Analysis of Canadian Prairie Shelterbelts: Seymour Farm. *MAD Lab Report 2015-12*
- Wood, S., Millette, V., **Maillet, J.**, Marleau, N., Laroque, O.J., and Laroque, C.P. (2015) A Dendrochronological Analysis of Canadian Prairie Shelterbelts: Covey Farm. *MAD Lab Report 2015-13*



- Wood, S., Marleau, N., Millette, V., **Maillet, J.**, Laroque, O.J., and Laroque, C.P. (2015) A Dendrochronological Analysis of Canadian Prairie Shelterbelts: Sparks Farm I. *MAD Lab Report 2015-14*
- Wood, S., **Maillet, J.**, Marleau, N., Millette, V., Laroque, O.J., and Laroque, C.P. (2015) A Dendrochronological Analysis of Canadian Prairie Shelterbelts: Amy Farm. *MAD Lab Report 2015-15*
- Wood, S., **Maillet, J.**, Marleau, N., Millette, V., Laroque, O.J., and Laroque, C.P. (2015) A Dendrochronological Analysis of Canadian Prairie Shelterbelts: Phillipon Farm. *MAD Lab Report 2015-16*
- Wood, S., Marleau, N., Millette, V., **Maillet, J.**, Laroque, O.J., and Laroque, C.P. (2015) A Dendrochronological Analysis of Canadian Prairie Shelterbelts: Sparks Farm II. *MAD Lab Report 2015-17*
- Maillet, J.**, Wood, S., Marleau, N., Millette, V., Laroque, O.J., and Laroque, C.P. (2015) A Dendrochronological Analysis of Canadian Prairie Shelterbelts: Lawrysyn Farm I. *MAD Lab Report 2015-18*
- Wood, S., **Maillet, J.**, Marleau, N., Millette, V., Laroque, O.J., and Laroque, C.P. (2015) A Dendrochronological Analysis of Canadian Prairie Shelterbelts: Lawrysyn Farm II. *MAD Lab Report 2015-19*
- Wood, S., Marleau, N., Millette, V., **Maillet, J.**, Laroque, O.J., and Laroque, C.P. (2015) A Dendrochronological Analysis of Canadian Prairie Shelterbelts: Hysuick Farm. *MAD Lab Report 2015-20*
- Wood, S., **Maillet, J.**, Marleau, N., Millette, V., and Laroque, C.P. (2015) A Dendrochronological Analysis of Canadian Prairie Shelterbelts: Delage Farm. *MAD Lab Report 2015-21*
- Maillet, J.**, Marleau, N., Wood, S., Millette, V., Jackle, T., and Laroque, C.P. (2015) A Dendrochronological Analysis of Canadian Prairie Shelterbelts: Grad Farm. *MAD Lab Report 2015-22*
- Wood, S., Marleau, N., Millette, V., **Maillet, J.**, Laroque, O.J., and Laroque, C.P. (2015) A Dendrochronological Analysis of Canadian Prairie Shelterbelts: Wensley Farm. *MAD Lab Report 2015-23*
- Maillet, J.**, Wood, S., Marleau, N., Millette, V., Verbeek, I., and Laroque, C.P. (2015) A Dendrochronological Analysis of Canadian Prairie Shelterbelts: Whelan Farm. *MAD Lab Report 2015-24*
- Maillet, J.**, Marleau, N., Wood, S., Millette, V., Furlan Nehemy, M., and Laroque, C.P. (2015) A Dendrochronological Analysis of Canadian Prairie Shelterbelts: Beckstead Farm. *MAD Lab Report 2015-25*
- Wood, S., Marleau, N., Millette, V., **Maillet, J.**, Laroque, O.J., and Laroque, C.P. (2015) A Dendrochronological Analysis of Canadian Prairie Shelterbelts: Sutherland Farm I. *MAD Lab Report 2015-26*
- Wood, S., **Maillet, J.**, Marleau, N., Millette, V., Verbeek, I., and Laroque, C.P. (2015) A Dendrochronological Analysis of Canadian Prairie Shelterbelts: Loverin Farm. *MAD Lab Report 2015-27*
- Maillet, J.**, Marleau, N., Wood, S., Millette, V., Jackle, T., and Laroque, C.P. (2015) A Dendrochronological Analysis of Canadian Prairie Shelterbelts: McGregor Farm. *MAD Lab Report 2015-28*
- Wood, S., **Maillet, J.**, Marleau, N., Millette, V., Laroque O.J., and Laroque, C.P. (2015) A Dendrochronological Analysis of Canadian Prairie Shelterbelts: Nunweiler Farm. *MAD Lab Report 2015-29*
- Wood, S., **Maillet, J.**, Marleau, N., Millette, V., Jackle, T., and Laroque, C.P. (2015) A Dendrochronological Analysis of Canadian Prairie Shelterbelts: Ryde Farm. *MAD Lab Report 2015-30*

- Wood, S., **Maillet, J.**, Marleau, N., and Laroque, C.P. (2015) A Dendrochronological Analysis of Canadian Prairie Shelterbelts: Cey Farm. *MAD Lab Report 2015-31*
- Maillet, J.**, Marleau, N., Wood, S., Millette, V., and Laroque, C.P. (2015) A Dendrochronological Analysis of Canadian Prairie Shelterbelts: Gallon Farm. *MAD Lab Report 2015-32*
- Maillet, J.**, Wood, S., Marleau, N., Millette, V., Laroque, O.J., and Laroque, C.P. (2015) A Dendrochronological Analysis of Canadian Prairie Shelterbelts: Florence Farm. *MAD Lab Report 2015-33*
- Wood, S., **Maillet, J.**, Marleau, N., Millette, V., Laroque O.J., and Laroque, C.P. (2015) A Dendrochronological Analysis of Canadian Prairie Shelterbelts: Sutherland Farm II. *MAD Lab Report 2015-34*
- Carverhill, J., **Maillet, J.**, Marleau, N., Wood, S., Millette, V., and Laroque, C.P. (2014) A Dendrochronological Analysis of Canadian Prairie Shelterbelts: Bernauer Farm. *MAD Lab Report 2014-15*
- Carverhill, J., **Maillet, J.**, Marleau, N., Wood, S., Millette, V., and Laroque, C.P. (2014) A Dendrochronological Analysis of Canadian Prairie Shelterbelts: Fleishhacker. *MAD Lab Report 2014-14*
- Carverhill, J., **Maillet, J.**, Wood, S., Millette, V., Marleau, N., and Laroque, C.P. (2014) A Dendrochronological Analysis of Canadian Prairie Shelterbelts: Barteski Farm. *MAD Lab Report 2014-13*
- Wood, S., **Maillet, J.**, Marleau, N., Millette, V., Carverhill, J., and Laroque, C.P. (2014) A Dendrochronological Analysis of Canadian Prairie Shelterbelts: Zyrmiak Farm. *MAD Lab Report 2014-12*
- Wood, S., Carverhill, J., **Maillet, J.**, Marleau, N., Millette, V., and Laroque, C.P. (2014) A Dendrochronological Analysis of Canadian Prairie Shelterbelts: Rogala Farm. *MAD Lab Report 2014-11*
- Wood, S., Carverhill, J., **Maillet, J.**, Marleau, N., Millette, V., and Laroque, C.P. (2014) A Dendrochronological Analysis of Canadian Prairie Shelterbelts: Perry Farm. *MAD Lab Report 2014-10*
- Carverhill, J., **Maillet, J.**, Marleau, N., Wood, S., Millette, V., and Laroque, C.P. (2014) A Dendrochronological Analysis of Canadian Prairie Shelterbelts: Buitenhuis. *MAD Lab Report 2014-09*
- Maillet, J.**, Millette, V., Marleau, N., Carverhill, J., Wood, S., and Laroque, C.P. (2014) A Dendrochronological Analysis of Canadian Prairie Shelterbelts: Senft Farm. *MAD Lab Report 2014-08*
- Wood, S., Carverhill, J., **Maillet, J.**, Marleau, N., Millette, V., and Laroque, C.P. (2014) A Dendrochronological Analysis of Canadian Prairie Shelterbelts: Tchozewski. *MAD Lab Report 2014-07*
- Maillet, J.**, Millette, V., Wood, S., Marleau, N., Carverhill, J., and Laroque, C.P. (2014) A Dendrochronological Analysis of Canadian Prairie Shelterbelts: Berscheid. *MAD Lab Report 2014-06*
- Carverhill, J., **Maillet, J.**, Wood, S., Marleau, N., Millette, V., and Laroque, C.P. (2014) A Dendrochronological Analysis of Canadian Prairie Shelterbelts: Murphy Farm. *MAD Lab Report 2014-05*
- Wood, S., **Maillet, J.**, and Laroque, C. P. (2014) Aging the Amadi and Jackson Cores - Set VII. *MAD Lab report 2014-04*
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## INTERVIEWS AND MEDIA RELATIONS

- 2020**            **Radio Interview:** Pour Faire un Monde, CBC Radio Canada,  
**Radio Interview:** Pour Faire un Monde, CBC Radio Canada,
- 2013**            **Radio Interview:** “Des détectives du bois à Sackville” L’heure de pointe Acadie, CBC Radio Canada, Acadie.  
**Educational Video:** For the Fundy Biosphere Reserve (<http://www.fundy-biosphere.ca/en/home/whitney-journals.html>)

VOLUNTEER OPPORTUNITIES

**2016 – pres. Volunteer Musician at Parkridge Centre Special Care Home:** Perform for the residents twice a year.

**2018 Judge for Students on the Beamline Poster Competition:** Part of a panel of judges to determine the winner of the poster competition.

LANGUAGES

**English:** (Fluent) Read, write, speak, and understand.

**French:** (Fluent) Read, write, speak, and understand.

**Spanish:** Rudimentary understanding