

TAMARA FLETCHER

School of Physics, Chemistry and Earth Sciences, University of Adelaide, Australia, 5005
tamara.fletcher@adelaide.edu.au

RESEARCH EXPERIENCE

- 2023–** Ramsay Fellowship – University of Adelaide
High-latitude climate sensitivity inferred from the geological past
- 2021–2023** Marie Skłodowska-Curie Action, Individual Fellowship – University of Leeds
PReP – Palaeocloud Reconstruction Project
- 2019–2021** President’s International Fellow, Chinese Academy of Sciences – Institute of Applied
Implications of Arctic palaeoclimate and palaeofire records for Earth System Models.
- 2017–2018** Post-Doctoral Fellow, University of Nevada, Reno–University of Montana, Missoula
Fire and vegetation as long-term feedbacks to Arctic amplification
- 2015–2018** Post-Doctoral Researcher, University of Montana, Missoula
Investigation of Arctic amplification of temperature during the Pliocene
- 2009–2014** Ph.D. Research, University of Queensland, Brisbane
Reconstructing the palaeoenvironment of the Upper Cretaceous Winton Formation in
central-western Queensland
- 2006–2007** Honours Research, University of Queensland, Brisbane
Description and biogeographic implications of pterosaur fossils from western Queensland
- 2005–2006** Undergraduate research
Histology of leatherback turtle and crocodilian osteoderms

AWARDS AND GRANTS

- 2023** Ramsay Fellowship (~\$570,000 AUD)
PAGES Data Stewardship Scholarship (\$15,000 USD)
- 2022** Alan Turing Institute – Postdoctoral Enrichment Award (PI £2000 GBP)
PAGES and EGU Early Career Scientist Galileo Conference support (£550)
- 2021** Marie Skłodowska-Curie Action, Individual Fellowship (PI €224,933.76 EU)
- 2020** European Research Council Seal of Excellence
- 2019** President’s International Fellowship Initiative – CAS (PI 520,000 RMB)
European Research Council Seal of Excellence
- 2017** Endeavour Research Fellowship (PI \$23,000 AUD)
- 2016** National Geographic Committee for Research and Exploration (PI \$25,000 USD)
- 2016** Polar Continental Shelf Program Field Support (Field Team, ~\$57,000, CAD)
- 2014** University of Queensland – 2014 Future Leader Award
- 2013** University of Queensland, School of Biological Sciences 3-minute Thesis competition
University of Queensland, Faculty of Science 3-minute Thesis competition runner-up
- 2009-2014** Australian Postgraduate Award Scholarship (PI ~\$87,000 AUD Stipend + fee waiver)
- 2012** UQ, Graduate School International Travel Award (\$5000 AUD)
UQ, School of Biological Sciences International Conference Travel Grant (\$1,200 AUD)
UQ, School of Biological Sciences Conference Travel Grant (\$400 AUD)
- 2011** UQ School of Geography Field Support (\$1,400 AUD)
- 2008** Smart Women, Smart State Undergraduate Awards – Short-listed
Commonwealth Supported Postgraduate Coursework Scholarship (~\$2,400 AUD)
Dean’s Commendation for High Achievement Faculty of Social & Behavioural Sciences
- 2003–2006** Dean’s Commendation for High Achievement Faculty of Biological & Chemical Sciences

EDUCATION

- 2009 – 2014** **PhD Palaeontology**
The palaeoenvironment of the Upper Cretaceous (Cenomanian-Turonian) portion of the Winton Formation, central-western Queensland, Australia, The University of Queensland
- 2008 – 2009** **Graduate Certificate of Arts**
Philosophy, specifically focusing on the logic and philosophy of science, The University of Queensland
- 2008 – 2009** **Graduate Certificate of Communication**
Science communication, The University of Queensland
- 2006 – 2007** **BSc Honours – First Class**
New pterosaur fossils from the Early Cretaceous (Aptian–Albian) of Western Queensland, Australia, The University of Queensland
- 2003 – 2006** **Bachelor of Science**
Zoology, with four final year research subjects in Palaeontology, The University of Queensland

PUBLICATIONS

- Haywood, A.M., Tindall, J.C., Burton, L.E., Chandler, M.A., Dolan, A.M., Dowsett, H.J., Feng, R., **Fletcher, T.L.**, Foley, K.M., Hill, D.J., Hunter, S.J., Otto-Bliesner, B.L., Lunt, D.J., Robinson, M.M., Salzmann, U., 2023. Pliocene model intercomparison project Phase 3 (PlioMIP3) – Science plan and experimental design. *Global and Planetary Change*, 104316.
- Su J, Liu Z, Wang W, Jiao K, Yu Y, Li K, Lü Q, **Fletcher TL**. 2023. Evaluation of the Spatial Distribution of Predictors of Fire Regimes in China from 2003 to 2016. *Remote Sensing* 15(20): 4946. <https://doi.org/10.3390/rs15204946>
- Tindall, J., Haywood, A., Salzmann, U., Dolan, A., **Fletcher, T.** 2022. The Warm Winter Paradox in the Pliocene Northern High Latitudes. *Climate of the Past* 18: 1385–1405. <https://doi.org/10.5194/cp-18-1385-2022>
- Fletcher, T.**, Eble, C., Sinninghe Damsté, J.S., Brown, K.J., Rybczynski, N., Gosse, J., Liu, Z., Ballantyne, A. 2021. Widespread wildfire across the Pliocene Canadian Arctic Archipelago. *Palaeogeography, Palaeoclimatology, Palaeoecology* 584: 110653. <https://doi.org/10.1016/j.palaeo.2021.110653>
- Fletcher, T.L.**, Telka, A., Rybczynski, N., Matthews, J., Jr. 2021. Neogene and early Pleistocene flora from Alaska and Arctic/Subarctic Canada: new data, intercontinental comparisons and correlations. *Palaeontologica Electronica* 24(1): a07. <https://doi.org/10.26879/1121>
- Barendregt, R.W., Matthews J.V. Jr., Behan-Pelletier, V., Brigham-Grette, J., Fyles, J.G., Ovensen, L.E., McNeil, D.H., Brouwers, E., Marinovich, L., **Fletcher, T.** 2021. Biostratigraphy, age, and the paleoenvironment of the Pliocene Beaufort Formation on Meighen Island, Canadian Arctic Archipelago. *Geological Society of America Special Publications* 551: 1–39. <https://doi.org/10.1130/SPE551>.
- Jiao, K., Liu, Z., Wu, S., **Fletcher, T.** 2021. Revealing climatic impacts on the temporal and spatial variation in vegetation activity across China: Sensitivity and contribution. *Advances in Climate Change Research* 12(3): 409–420. <https://doi.org/10.1016/j.accre.2021.04.006>
- Fletcher, T.**, Lepley, K., Rouini, N., Bloye, R., Tremarelli, C., Peña, K., Meko, D., Touchan, R. 2019. Two reconstructions of August–July precipitation for central northern Arizona from tree-rings, *Tree-Ring Research* 75: 116–126. <https://doi.org/10.3959/1536-1098-75.2.116>
- Fletcher, T.**, Warden, L., Sinninghe-Damste, J., Brown, K.J., Rybczynski, N., Gosse, J., Ballantyne, A.P. 2019. Evidence for fire in the Pliocene Arctic in response to amplified temperature. *Climate of the Past* 15: 1063–1081. <https://doi.org/10.5194/cp-2018-60>.
- Fletcher, T.**, Csank, A., Ballantyne, A.P. 2019. Identifying bias in cold season temperature reconstructions by beetle mutual climatic range methods in the Pliocene Canadian High Arctic, *Palaeogeography, Palaeoclimatology, Palaeoecology* 514: 672–676. <https://doi.org/10.1016/j.palaeo.2018.11.025>

- Feng, R., Otto-Bliesner, B., Yangyang, X., Brady, E., **Fletcher, T.**, Ballantyne, A. 2019. Contributions of aerosol-cloud interactions to mid-Piacenzian seasonally sea ice-free Arctic Ocean, *Geophysical Research Letters* 46: 9920–9929. <https://doi.org/10.1029/2019GL083960>
- Fletcher, T.**, Moss, P., Salisbury, S.W. 2018. Palaeoenvironmental Reconstruction of the Upper Cretaceous (Cenomanian-Turonian) portion of the Winton Formation, central-western Queensland, Australia, *PeerJ* 6: e5513. <https://doi.org/10.7717/peerj.5513>
- Fletcher, T.**, Feng, R., Telka, A.M., Matthews, J.V., Jr., Ballantyne A.P. 2017. Floral dissimilarity and the influence of climate in the Pliocene High Arctic: Biotic and abiotic influences on five sites on the Canadian Arctic Archipelago, *Frontiers in Ecology and Evolution: Paleoecology* 5: 19. <https://doi.org/10.3389/fevo.2017.00019>
- Gosse, J.C., Ballantyne, A.P., Barker, J.D., Csank, A.Z., **Fletcher, T.L.**, Grant, G.W., Greenwood, D.R., MacPhee, R.D., Rybczynski, N. 2017. PoLAR-FIT: Pliocene Landscapes and Arctic Remains—Frozen in Time. *Geoscience Canada* 44: 47–54. <https://doi.org/10.12789/geocanj.2017.44.116>
- Feng, R., Otto-Bliesner, B., **Fletcher, T.**, Tabor, C., Ballantyne, A., Brady, E. 2017. Amplified Late Pliocene terrestrial warmth in northern high latitudes from greater radiative forcing and closed Arctic Ocean gateways, *Earth and Planetary Science Letters* 466: 129–138. <https://doi.org/10.1016/j.epsl.2017.03.006>
- Fletcher, T.L.**, Moss, P.T., Salisbury, S.W. 2015. Wood growth indices as climate indicators from the Upper Cretaceous (Cenomanian–Turonian) portion of the Winton Formation, Australia. *Palaeogeography Palaeoclimatology Palaeoecology* 417: 35–43. <https://doi.org/10.1016/j.palaeo.2014.10.012>
- Fletcher, T.L.**, Greenwood, D.R., Moss, P.T., Salisbury, S.W. 2014. Palaeoclimate of the Late Cretaceous (Cenomanian–Turonian) portion of the Winton Formation, central-western Queensland, Australia: new observations based on CLAMP and Bioclimatic Analysis. *Palaios* 29: 121–128. <https://doi.org/10.2110/palo.2013.080>
- Fletcher, T.L.**, Cantrill, D.J., Moss, P.T., Salisbury, S.W. 2014. A new species of *Protophyllocladoxylon* from the Upper Cretaceous (Cenomanian-Turonian) portion of the Winton Formation, central-western Queensland, Australia. *Review of Palaeobotany and Palynology* 208: 43–49. <https://doi.org/10.1016/j.revpalbo.2014.05.004>
- Fletcher, T.L.**, Salisbury, S.W. 2014. Probable oribatid mite (Acari: Oribatida) tunnels and faecal pellets in silicified conifer wood from the Late Cretaceous (Cenomanian–Turonian) portion of the Winton Formation, central-western Queensland, Australia. *Alcheringa* 38: 541–545. <https://doi.org/10.1080/03115518.2014.912557>
- Fletcher, T.L.**, Moss, P.T., Salisbury, S.W. 2013. Foliar physiognomic climate estimates for the Late Cretaceous (Cenomanian–Turonian) Lark Quarry fossil flora, central-western Queensland, Australia. *Australian Journal of Botany* 61: 575–582. <https://doi.org/10.1071/BT13197>
- Delfino, M., Scheyer, T.M., Chesi, F., **Fletcher, T.L.**, Gemel, R., Macdonald, S., Rabi, M., Salisbury, S.W. 2013. Gross morphology and microstructure of type locality ossicles of *Psephophorus polygonus* Meyer, 1847 (Testudines, Dermochelyidae). *Geological Magazine* 150: 767–782.
- Fletcher, T.**, Salisbury, S.W. 2010. New pterosaur fossils from the Early Cretaceous (Albian) of Queensland, Australia. *Journal of Vertebrate Paleontology* 30(6): 1747–1759. <https://doi.org/10.1080/02724634.2010.521929>

CONFERENCE PRESENTATIONS

- Fletcher, T.**, Tindall, J., Voss, J., Haywood, A., 2023. Cloudy with a chance it rained: Progress towards a proxy for palaeocloud. European Geophysical Union General Assembly, 24th–28th April. <https://doi.org/10.5194/egusphere-egu23-13521>
- Fletcher, T.**, Tindall, J., Feng, R., Haywood, A., Salzmann, U., Dolan, A. 2022. The Pliocene Arctic: Were winters warm? *NECLIME Annual Conference*, 21st–24th November.
- Fletcher, T.**, Tindall, J., Haywood, A. 2022. Palaeocloud for the Pliocene. *The warm Pliocene: Bridging the geological data and modelling communities workshop*, 24th–26th August.

- Haywood, A., Burton, L., Dolan, A., Dowsett, H., **Fletcher, T.**, Hill, D., Hunter, S., and Tindall, J. 2022. PlioceneMIP3: A science programme proposal to the community. *The warm Pliocene: Bridging the geological data and modelling communities workshop*, 24th–26th August.
- Fletcher, T.** 2022. A Beaver Pond frozen in time: Multi-proxy analysis in the Pliocene High Arctic. *NECLIME workshop on climate*. 21st–22nd February.
- Fletcher, T.**, Csank, A., Gosse, J., Rybczynski, N., Brown, K., Eble, C., Ballantyne, A. 2020. Fire under ice: Evidence for extensive geographic and temporal range of wildfire in the Pliocene High Arctic. *Geological Society of America Connects Online*, 26th–30th October.
- Csank, A.Z., **Fletcher, T.**, Gosse, J.C., 2020. Past futures: Reconstructing the fire history of the Pliocene Arctic, *1st Tree Ring Society Virtual Symposium*, 29th May.
- Fletcher, T.**, Rybczynski, N., Telka, A., Matthews, J.V., Jr. 2020. Neogene plant macrofossils from Alaska and Arctic/Subarctic Canada: New data, intercontinental comparisons and correlations, *2nd Palaeontological Virtual Congress*, 1st–15th May.
- Fletcher, T.**, Barendregt, R.W., Matthews, J.V., Jr., Behan-Pelletier, V., Brigham-Grette, J. Fyles, J.G., Ovenden, L.E., McNeil, D., Brouwers, E., Marincovich L. 2020. Biostratigraphy, age, and the paleoenvironment of the Pliocene Beaufort Formation on Meighen Island, Canadian Arctic Archipelago, *2nd Palaeontological Virtual Congress*, 1st–15th May.
- Csank, A.Z., **Fletcher, T.**, Gosse, J.C., 2019. It Was Always Burning, Fire Scars from subfossil wood reveal fire return intervals in a mid-Pliocene Arctic forest, *52nd Fall Meeting of the American Geophysical Union*, San Francisco, USA, 9th–13th December.
- Fletcher, T.**, Feng, R., Brown, K., Warden, L., Csank, A., Higuera, P., Rybczynski, N., Otto-Bliesner, B., Ballantyne, A. 2017. Vegetation and fire: Feedbacks to Pliocene Arctic climate, *Geological Society of America Abstracts with Programs* 49(6) <https://doi.org/10.1130/abs/2017AM-298574>. Seattle, USA, 22nd–25th October.
- Feng, R., Otto-Bliesner, B., **Fletcher, T.**, Ballantyne, A., Brady, E. 2017. Contributions to Pliocene Arctic warmth from a clean atmosphere and enhanced forest fire emissions, *PAST Global Changes 3rd Young Scientist Meeting*, Morillo de Tou, Spain, 7–9th May.
- Fletcher, T.** 2017. Outside of now: Informing Arctic climate predictions with fossil floras. *3rd Association of Polar Early Career Scientists International Online Conference*, 20th March.
- Fletcher, T.**, Brown, K., Warden, L., Csank, A., Feng, R., Higuera, P., Rybczynski, N., Ballantyne, A. 2016. Climate-vegetation-fire Interactions: Pieces in the Pliocene polar puzzle, *Abstract #PP53C-2390*, *49th Fall Meeting of the American Geophysical Union*, San Francisco, USA, 12–16th December.
- Feng, R., Otto-Bliesner, B., **Fletcher, T.**, Ballantyne, A., Brady, E. 2016 Contributions to Pliocene Arctic warmth from removal of anthropogenic aerosol and enhanced forest fire emissions. *49th Fall Meeting of the American Geophysical Union*, San Francisco, USA, 12–16th December.
- Fletcher, T.** 2012. Paleoclimate of the dinosaur-bearing, mid-Cretaceous Winton Formation, central-western Queensland, Australia: New observations based on Leaf Margin Analysis, Climate Leaf Analysis Multivariate Program, Bioclimatic Analysis and fossil wood growth indices. *72nd Annual Meeting of the Society of Vertebrate Paleontology*, Raleigh, USA, 32, 94–95.
- Fletcher, T.**, Moss, P., Salisbury, S. 2012: Palaeoclimate of the mid-Cretaceous Winton Formation, central-western Queensland, Australia: New observations based on Leaf Margin Analysis, CLAMP, Bioclimatic Analysis and fossil wood growth indices. *34th International Geological Congress*, Brisbane, Australia, 5th–10th August.
- Delfino, M., Scheyer, T., Chesi, F., **Fletcher, T.**, Gemel, R., MacDonald, S., Rabi, M. and Salisbury, S., 2012. Ossicle gross morphology and microstructure of *Psephophorus polygonus* Meyer, 1847 (Testudines, Dermochelyidae), p. 18 In: *Program and Abstracts - Symposium on Turtle Evolution* 48 pp, June 1st–4th, University of Tübingen, Germany.
- Fletcher, T.**, Berrell, R.W., Geddes, K., Salisbury, S.W., 2009. Acid preparation of vertebrate fossils (Teleostei and Dinosauria) from the mid-Cretaceous Winton Formation of Isisford, central-western Queensland, Australia. In: Travuillon, K.J., Worthy, T.H., Hand, S.J. and Creaser, P. (ed), *Conference on*

Australian Vertebrate Evolution, Palaeontology and Systematics, 2009. *Geological Society of Australia, Abstracts*, 93, p.74, June 22nd–25th, Sydney, Australia.

Fletcher, T., Salisbury, S.W., Cook, A.G., 2007. New pterosaur fossils from the Early Cretaceous (Aptian-Albian) of western Queensland, Australia. *Flugsaurier: Pterosaur conference in honour of Peter Wellnhofer*, September 10th–14th, Munich, Germany

Fletcher, T.L., Salisbury, S.W., Cook, A.G. 2007. New pterosaur fossils from the Early Cretaceous (Aptian-Albian) of western Queensland, Australia. In: Warren, A. (ed), *Conference on Australian Vertebrate Evolution, Palaeontology and Systematics*, 2007. *Geological Society of Australia, Abstracts*, 85, p. 26, 10th–13th April Melbourne, Australia.

COMMUNITY ENGAGEMENT

- 2022** Otley Science Week Cafe, ‘Cloudy, with a chance it rained’
2020 *Your Forest* Podcast, ‘The Evolution of the Boreal Forest’
2017 Science News article, ‘What the Pliocene epoch can teach us about future warming on Earth’
2015 ABC Radio Adelaide, 9 June
 ABC Radio Gold Coast, 8 June
 The Conversation article, ‘Before we build Jurassic World we need to study recent extinctions’ 8 June
2014 Longreach Leader article, ‘Longreach mayor happy to go down in history as petrified wood’ 4 July
 ABC regional radio, 1 July
 Dinosaur Chat by APN News and Media on ‘Coveritlive.com’ 3 June
 ABC Science article, ‘Leaves reveal ancient Queensland was warm’ 7 April
 Speed-date a Scientist; National Youth Science Forum and University of Queensland Faculty of Science Youth Science Forum
2010, 2013 Three-minute thesis competition

PROFESSIONAL ENGAGEMENT

- Working Groups:** PlioMIP (Pliocene Model Intercomparison Project) Steering Committee – Terrestrial Data Lead
 PlioMioVAR Steering Committee – Neogene Terrestrial Climate Lead
 PoLAR-FIT (Pliocene Landscapes and Arctic Remains – Frozen In Time) Committee for the Association of Polar Early Career Scientists
 Nordic Research Council Report lead
2016–2017
Editorial Board: *Frontiers in Earth Science - Palaeontology*
Journal Referee: *Palaeogeography Palaeoclimatology Palaeoecology*
Geological Magazine
Cretaceous Research
Canadian Journal of Earth Sciences
Earth & Environmental Science Transactions of the Royal Society of Edinburgh
MethodsX
 Review of Palaeobotany and Palynology
 PALAIOS
Proposal Referee: National Science Foundation - Division of Earth Sciences, USA
 The Royal Society – University Research Fellowships, UK
Scientific Societies: International Organisation of Palaeobotany
 NECLIME
 Geological Society of America
 Association of Polar Early Career Scientists

INVITED PRESENTATIONS

- 2022 School of Geography, seminar series
Centre for Plant Sciences Symposium
Palaeo@Leeds, seminar series
- 2019 Institute of Applied Ecology – Chinese Academy of Sciences, seminar series
- 2018 Geography colloquium – University of Nevada
- 2017 PaleoEcology and Fire Ecology Lab – University of Montana
Paleoecology Lab – Montana State University
- 2015 Geosciences Colloquium – University of Montana
- 2014 Rockhampton Girls Grammar senior archaeology classes, guest speaker
- 2013 Guest lecture for University of Queensland course, ‘BIOL2201 – Evolution’
- 2009 – 2010 Brisbane state primary school visits, prep to grade 2

PROFESSIONAL DEVELOPMENT

- 2023 Teaching Techniques: Writing Effective Learning Objectives – LinkedIn Learning
Foundations In Teaching – OD&PL, University of Leeds
- 2022 Data Science in R – Data Camp
Alan Turing Institute conference on AI, 22–23 February
GeoChronR Hackathon, 8–9 February
Building Impact Momentum seminars with OD&PL Leeds
- 2021 National Geographic Explorer’s Festival, Communication, Tools and Technology
Workshops
Learning GIT and GitHub
Discovering your Leadership with OD&PL Leeds
Introduction to Linux & High-Performance Computing Carpentry, ARC Leeds
Effective Postgraduate Research Supervision, OD&PL Leeds
Introduction to Python
- 2017 Dendroclimatology Intensive Workshop, Laboratory of Tree Ring Research, University of Arizona, 15 May – 3 June
Dendrology and Wood Anatomy, University of Montana NFC.
- 2016 Climate Science and Modeling, University of Chicago via CourseRA.
Wilderness First Aid Certificate with Aerie Backcountry Medicine.
- 2015 Framing: Creating Powerful Political Messages, DelfX via edX
- 2014 Senior First Aid and CPR
4WD Training - Sand
- 2012 Computing for Data Analysis with John Hopkins University via CourseRA
- 2004 – 2012 Research assistant in the Vertebrate Palaeontology and Biomechanics laboratory
- 2011 Introducing R workshop with Simon Blomberg, UQ
- 2010 – 2011 Tutor development modules taught by the School of Biology, UQ
- 2008 4WD Training – ‘Bush’
- 2005 Peer Assisted Study Sessions Leadership Training

TEACHING EXPERIENCE

- 2022 Supervision – Natural Environment Research Council Research Placement
- 2014 Lecturing – Evolution, ‘Mass Extinctions’ and ‘The Origin of Tetrapods’
Field Tutoring – Australia’s Terrestrial Environment
- 2013 – 2014 Senior tutor – Evolution
- 2013 Demonstrator – Global challenges in the Environment
- 2010 – 2012 Tutor – Evolution
- 2008 – 2012 Supervision – Undergraduate laboratory experience
- 2009 Tutor – Critical Reasoning
- 2004 – 2006 Peer Assisted Study Sessions – Animal Biology

FIELD EXPERIENCE

- 2017** Northern Arizona, USA
Sunset Crater; dendroclimatology field collections.
- 2016** Canadian Arctic Archipelago
Beaver Pond, Fyles Leaf Beds, Lake Ekblaw; plant macrofossils and sediments.
Montana, USA
Lolo National Forest; dendrology field collections.
- 2011** Queensland, Australia
Bunya Mountains, Central coast, Wet Tropics World Heritage Site, Brisbane;
dendroclimatology field collections.
- 2010** Central Queensland, Australia
Lark Quarry; leaf impressions and sediment.
- 2008, 2009** Central Queensland, Australia
Isisford; dinosaur bone bed.
- 2007** Central Queensland, Australia
Bladensburg; sauropod bone bed.

DIGITAL IDENTIFIERS

Web of science researcher ID: i-31107-2019

Scopus author ID: 36767412900

ORCID ID: 0000-0001-9066-7834

REFEREE

- Prof Alan Haywood School of Earth and Environment, University of Leeds, Leeds, LS2 9JT, UK
a.m.haywood@leeds.ac.uk +44 (0) 113 343 8657
- Prof John Gosse Department of Earth and Environmental Sciences Dalhousie University, 1459
Oxford Street, Halifax NS, B3H 4R2, Canada
john.gosse@dal.ca
- A/Prof Ashley Ballantyne Department of Ecosystem and Conservation Sciences, University of Montana,
Missoula, 59812, USA
ashley.ballantyne@umontana.edu +1 (760) 846-1391
- A/Prof Adam Csank Department of Geography, University of Nevada, Reno, 89557, USA
acsank@unr.edu +1 (775) 784-6663