

## BEATS Study

Built Environment and  
Active Transport to School

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## BEATS Research Programme: Selected Recent Conference Abstracts (2018 – present)

Mandic S, Hopkins D, García Bengoechea E, Moore A, Sandretto S, Coppell K, Ergler C, Keall M, Rolleston A, Kidd G, Wilson G, Spence JC. Complexities of Active Travel to Secondary Schools in Dunedin. 2 Walk&Cycle Conference, March 2021, Dunedin, New Zealand. (Accepted for verbal presentation)

Mandic S, García Bengoechea E, Hopkins D, Coppell K, Spence JC. Adolescents' Perceptions of Walking and Cycling to School by Distance. 2 Walk&Cycle Conference, March 2021, Dunedin, New Zealand. (Accepted for verbal presentation)

Situmorang ML, Coppell K, Smith M, Keall M, Mandic S. Active School Travel and Snacking Behaviours. 2 Walk&Cycle Conference, March 2021, Dunedin, New Zealand. (Accepted for poster presentation)

Rahman ML, Moore A, Smith M, Lieswyn J, Mandic S. Modelling Safe Routes to School Framework. 2 Walk&Cycle Conference, March 2021, Dunedin, New Zealand. (Accepted for poster presentation)

Aznar S, Spence J, García Bengoechea E, Mandic S. Adolescents' awareness of their physical activity level: a comparison of meeting physical activity guidelines using self-report versus device-based measurements. International Society of Behavioural Nutrition and Physical Activity Conference, June 2020, Auckland, New Zealand. (Accepted for poster presentation)

Situmorang ML, Coppell K, Smith M, Keall M, Mandic S. Purchase and Consumption of Snack Foods and Soft Drinks during School Journeys among Adolescents in the Otago Region, New Zealand. International Society of Behavioural Nutrition and Physical Activity Conference, June 2020, Auckland, New Zealand. (Poster presentation)

Mandic S, Hopkins D, García Bengoechea E, Flaherty C, Coppell K, Moore A, Williams J, Spence JC. Does Home-to-School Distance Matter? Parental Perceptions of Walking and Cycling to High School in Dunedin, New Zealand. International Society of Behavioural Nutrition and Physical Activity Conference, June 2020, Auckland, New Zealand. (Accepted for poster presentation; presented as pre-recorded presentation)

Pocock T, Moore A, Molina-García J, Queralt A, Mandic S. School Neighbourhood Built Environment Assessment for Adolescents' Active Transport to School: Modification of an Environmental Audit Tool (MAPS Global). International Society of Behavioural Nutrition and Physical Activity Conference, June 2020, Auckland, New Zealand. (Verbal presentation)

Rahman ML, Moore A, Mandic S. A Conceptual Framework for Modelling Safe Walking and Cycling Routes to Secondary Schools. International Society of Behavioural Nutrition and Physical Activity Conference, June 2020, Auckland, New Zealand. (Poster presentation)

Mandic S, Hopkins D, García Bengoechea E, Moore A, Sandretto S, Coppell K, Ergler C, Keall M, Rolleston A, Kidd G, Wilson G, Spence JC. Changes in Built Environment and Active Transport to School among

Adolescents: BEATS Natural Experiment. International Society of Behavioural Nutrition and Physical Activity Conference, June 2020, Auckland, New Zealand. (Accepted for verbal presentation; presented as pre-recorded presentation)

Mandic S, Jackson A, Lieswyn J, Mindell JS, García Bengoechea E, Spence JC, Wooliscroft B, Wade-Brown C, Coppell K, Hinckson E. Development of Key Policy Recommendations for Active Transport in New Zealand: Multi-Sector and Multidisciplinary Endeavour. Health Promoting Physical Activity (HEPA) Europe Conference. Odense, Denmark, August 2019 (Accepted for verbal presentation)

Mandic S, Hopkins D, García Bengoechea E, Coppell K, Moore A, Sandretto S, Ergler C, Keall M, Rolleston A, Kidd G, Wilson G, Flaherty C, Hitchcock S, Smith M, Taungapeau F, Connolly S, Stephenson J, King K, Molina-García J, Queralt A, Chillón P, Mindell JS, Spence JC. From a Pilot Project to a Multidisciplinary Research Programme: Lessons Learned from the Six-Year BEATS Research Journey. BEATS Symposium 2020 Proceedings (p.14); Dunedin, New Zealand, February 2020 (Verbal presentation)

Mandic S, Hopkins D, García Bengoechea E, Coppell K, Moore A, Sandretto S, Ergler C, Keall M, Rolleston A, Kidd G, Wilson G, Flaherty C, Hitchcock S, Smith M, Taungapeau F, Connolly S, Stephenson J, King K, Molina-García J, Queralt A, Chillón P, Mindell JS, Spence JC. From a Pilot Project to a Multidisciplinary Research Programme: Lessons Learned from the Six-Year BEATS Research Journey. Active Living Conference 2020. Orlando, FL, United States, February 2020 (Poster presentation)

Mandic S, Jackson A, Lieswyn J, Mindell JS, García Bengoechea E, Spence JC, Wooliscroft B, Wade-Brown C, Coppell K, Hinckson E. Development of Key Policy Recommendations for Active Transport in New Zealand: Multi-Sector and Multidisciplinary Endeavour. Active Living Conference 2020. Orlando, FL, United States, February 2020 (Verbal presentation)

Mindell J, Ergler C, Copland L, Hopkins D, Mandic S. Policy Recommendations for Encouraging Public Bus Use to School in Dunedin. International Conference on Transport and Health. Melbourne, Australia, November 2019 (Verbal presentation) *Journal of Transport & Health*, 14(Suppl.), (pp. S8-S9). DOI: <https://doi.org/10.1016/j.jth.2019.100706>

Mandic S, Jackson A, Lieswyn J, Mindell JS, García Bengoechea E, Spence JC, Wooliscroft B, Wade-Brown C, Coppell K, Hinckson E. 'Turning the Tide - from Cars to Active Transport': Policy Recommendations for New Zealand. International Conference on Transport and Health. Melbourne, Australia, November 2019 (Verbal presentation by J Mindell) *Journal of Transport & Health*, 14(Suppl.), (pp. S6-S7). DOI: <https://doi.org/10.1016/j.jth.2019.100701>

Long C, Moore A, Mandic S. Kernel Density Analysis of Active Transport to School Patterns in Dunedin Adolescents. M Gahegan and A Moore (eds) *Proceedings GeoComputation 2019*, November 2019, Queenstown, New Zealand. <https://doi.org/10.17608/k6.auckland.9850784.v1> (Verbal presentation)

Mandic S. Extending Research Data Collection into Rural Areas: Project Implementation Insights from the BEATS Rural Study. Abstract presented as part of the symposium "Learning in the field: Working across Sectors, Disciplines and Settings in Physical Activity Promotion". Health Promoting Physical Activity (HEPA) Europe Conference. Odense, Denmark, August 2019 (Verbal presentation)

Mandic S, Ikeda E, Stewart T, Garrett N, Egli V, Hosking J, Witten K, Hawley G, Tautolo ES, Hopkins D, Moore A, Smith M. Social and Built Environment Correlates of Travel to School By Car in New Zealand: Meta-Analysis. Health Promoting Physical Activity (HEPA) Europe Conference. Odense, Denmark, August 2019 (Verbal presentation)

Mandic S, Jackson A, Lieswyn J, Mindell JS, García Bengoechea E, Spence JC, Wooliscroft B, Wade-Brown C, Coppell K, Hinckson E. Development of Key Policy Recommendations for Active Transport in New Zealand: Multi-Sector and Multidisciplinary Endeavour. Health Promoting Physical Activity (HEPA) Europe Conference. Odense, Denmark, August 2019 (Verbal presentation)

García Bengoechea E, Flaherty Chillón P, Mandic S. Effects of Cycle Skills Training on Cycling-Related Knowledge, Self-Efficacy, and Behaviour in Children and Adolescent Girls. International Society for Behavioural Nutrition and Physical Activity (ISBNPA) Annual Conference 2019. Prague, Czech Republic, June 2019 (Accepted for verbal presentation)

Mandic S, Hopkins D, García Bengoechea E, Flaherty C, Moore A, Sandretto S, Coppell K, Ergler C, Keall M, Rolleston A, Wilson G, Kidd G, Spence JC. Travel to School Patterns in Urban, Semi-Urban and Rural Areas of the Otago Region, New Zealand. International Society for Behavioural Nutrition and Physical Activity (ISBNPA) Annual Conference 2019. Prague, Czech Republic, June 2019 (Accepted for verbal presentation)

Mandic S, Hopkins D, García Bengoechea E, Flaherty C, Moore A, Sandretto S, Coppell K, Ergler C, Keall M, Rolleston A, Wilson G, Kidd G, Spence JC. Challenges for Active Transport to School in Urban and Rural New Zealand: Insights from the BEATS Research Programme. The Active Living and Environment Symposium (TALES) 2019 (p.22). Dunedin, New Zealand, February 2019 (Invited verbal presentation)

Rahman ML, Moore A, Mandic S. Modelling Safe Walking and Cycling Routes for Adolescents in Dunedin, New Zealand. The Active Living and Environment Symposium (TALES) 2019 (p.54). Dunedin, New Zealand, February 2019 (Verbal presentation)

Chen L, Moore A, Mandic S. Spatial Analysis and Geovisualisation for Active Transport. The Active Living and Environment Symposium (TALES) 2019 (p.40). Dunedin, New Zealand, February 2019 (Verbal presentation)

Calverley J, Mandic S. Perceptions of Walking versus Cycling to School among Rural Adolescents in Otago, New Zealand. The Active Living and Environment Symposium (TALES) 2019 (p.30). Dunedin, New Zealand, February 2019 (Verbal presentation)

White B, Mandic S. Adolescents' Perceptions of the School Neighbourhood Environment in Rural Settlements, Small and Medium Urban Areas. The Active Living and Environment Symposium (TALES) 2019 (p.31). Dunedin, New Zealand, February 2019 (Verbal presentation)

Pocock T, Moore A, Keall M, Mandic S. School Neighbourhood Built Environment and Active Transport to School in Adolescents. The Active Living and Environment Symposium (TALES) 2019 (p.55) Dunedin, New Zealand, February 2019 (Verbal presentation)

King K, Kidd G, King A, Sandretto S, Mandic S. Inspiring, Empowering and Supporting Adolescents in Rural Areas to Be Agents of Change: The Catalyst Project. The Active Living and Environment Symposium (TALES) 2019 (p.42). Dunedin, New Zealand, February 2019 (Verbal presentation)

Mandic S, Hopkins D, García Bengoechea E, Flaherty C, Moore A, Sandretto S, Coppell K, Ergler C, Keall M, Rolleston A, Wilson G, Kidd G, Findlay A, White B, Tait C, Calverley J, Jensen M, Keller R, Porskamp T, Rodda J, Chen L, King K, Spence JC. Adolescents' Travel to School Patterns in Urban, Semi-Urban and Rural Settings: Insights from the BEATS Research Programme. Proceedings of the 12th Otago Energy Research Centre Symposium 2018 (p. 25). Retrieved from <http://www.otago.ac.nz/oerc/symposia/>; Dunedin, New Zealand, November 2018 (Verbal presentation)

- White B, Mandic S. Adolescents' Perceptions of the School Neighbourhood Environment in Small-to-Medium Urban Areas versus Rural Settlements. Sport and Exercise Science New Zealand Annual Conference 2018 Proceedings. 2018 (p. 42); Dunedin, New Zealand, November 2018 (Poster)
- Mandic S, Keller R, García Bengoechea E, Moore A, Coppell KJ. School Bag Weight as a Barrier to Active Transport to School among New Zealand Adolescents. Sport and Exercise Science New Zealand Annual Conference 2018 Proceedings. 2018 (p 37), Dunedin, New Zealand, October 2018 (Verbal presentation)
- Mandic S, Hopkins D, García Bengoechea E, Flaherty C, Moore A, Sandretto S, Coppell K, Ergler C, Keall M, Rolleston A, Wilson G, Kidd G, Rice G, Sargent N, Spence JC. Challenges for Encouraging Active Transport to School in Urban and Rural Areas: BEATS Study Findings. Transport Knowledge Conference, Wellington, New Zealand, November 2018 (Verbal presentation)
- Mandic S, Ergler C, Moore A, García Bengoechea E, Hopkins D, Coppell K, Sandretto S, Keall M, Rolleston A, Flaherty C, Wilson G, Kidd G, Findlay A, Jensen M, Calverley J, White B, Keller R, Tait C, Rodda J, Chen L, Spence JC. Challenges and opportunities for active transport to school research in rural settings: Insights from the BEATS Rural Study. Proceedings of The Movement to Move Conference (Adelaide, Australia, November 2018): p. 77 (Poster presentation)
- Mandic S, Moore A, Ergler C, García Bengoechea E, Hopkins D, Coppell K, Sandretto S, Keall M, Rolleston A, Flaherty C, Wilson G, Kidd G, Rice G, Sargent N, Spence JC. Building on the strengths of multidisciplinary and multi-sector collaborations: Extending the BEATS Study into a natural experiment. Proceedings of The Movement to Move Conference (Adelaide, Australia, November 2018): p. 76 (Poster presentation)
- Mandic S, Moore A, Spence JC, García Bengoechea E. Environmental correlates of active transport to school in New Zealand Adolescents living within a walkable distance to school. (2018). Environmental correlates of active transport to school in New Zealand adolescents living within a walkable distance to school. *Journal of Physical Activity & Health*, 15(10, Suppl. 1), (pp. S179-S180). doi: <https://doi.org/10.1123/jpah.2018-0535> Presented at the 7th International Society for Physical Activity and Health Congress, London, United Kingdom, October 2018 (ePoster)
- Pocock T, Moore A, Mandic S. Assessing school neighbourhood environments for active transport to secondary schools in Dunedin, New Zealand. The New Zealand Geographical Society and the Institute of Australian Geographers conference, Auckland, New Zealand, July 2018 (Verbal presentation)
- Mandic S, Ergler C, Moore A, García Bengoechea E, Hopkins D, Coppell K, Sandretto S, Keall M, Rolleston A, Flaherty C, Wilson G, Kidd G, Rice G, Sargent N, Spence JC. Multidisciplinary collaboration and multi-sector partnership for active transport research. 2 Walk and Cycle conference, Palmerston North, New Zealand, July 2018 (Plenary session)