

Complete list of publications – Thomas Brudermann

Google Scholar: <https://scholar.google.com/citations?user=jO88hY0AAAAJ> (h-Index = 20)

Scopus: <https://www.scopus.com/authid/detail.uri?authorId=26667543400> (h-Index = 16)

Web of Science: <https://www.webofscience.com/wos/author/record/1620855> (h-Index = 15)

ORCID: <https://orcid.org/0000-0003-4133-3322>

ResearchGate: http://www.researchgate.net/profile/Thomas_Brudermann

Articles in peer-reviewed journals

[35] Lenk-Ostendorf, B., Thaller, A., Brudermann, T., & Krusche, S. (2026). Decoding climate policy acceptance: Contrasting the influence of simulation and text-based information. *Environmental Research Communications*. <https://doi.org/10.1088/2515-7620/ae7fdd>

[34] Walter, H., Treiber, F. M., Brohmer, H., Brudermann, T., Foelsche, U., Beranek-knauer, H., Eder, L., & Maier, C. (2026). The communication format Science & Cinema: reflecting on representations of science in movies for joint meaning-making. *Journal of Science Communication*, 25(03). <https://doi.org/10.22323/166420260228095115>

[33] Trimmel, K. E., Obersteiner, P., Kriechbaum, M., Fleiss, E., & Brudermann, T. (2026). Between conviction and convenience : Shared social perspectives and shifting intentions among car commuters. *Transportation Research Part A*, 204, 104830. <https://doi.org/10.1016/j.tra.2025.104830>

[32] Obersteiner P, Trimmel K, Brudermann T & Kriechbaum M (2024). Beyond simplified storylines and polarization: Exploring discursive struggles over a transport infrastructure project in Vienna, Austria. *Case Studies on Transport Policy* 18(1):101293, <https://doi.org/10.1016/j.cstp.2024.101293>

[31] Trimmel, K. E., Kriechbaum, M., Lazou, R., & Brudermann, T. (2024). Between distributive and procedural justice claims: Reframing patterns of discursive resistance against climate action. *Energy Research & Social Science*, 109, 103424. <https://doi.org/10.1016/j.erss.2024.103424>

[30] Kerner C, Thaller A & Brudermann T (2023). Carbon dioxide removal to combat climate change? An expert survey on perception and support. *Environmental Research Communications* 5 (4), 041003. doi:10.1088/2515-7620/accc72 [\[Link\]](#)

[29] Venneman B, Kriechbaum M & Brudermann T (2022). Act global, think local? Local perspectives towards environmental sustainability in semi-rural communities of Alberta, Canada. *Journal of Environmental Policy & Planning* 24(6), 839–851. doi: 10.1080/1523908X.2022.2073206 [\[Link\]](#)

[28] Kiunke T, Gemignani N, Malheiro P & Brudermann T (2022). Key factors influencing onshore wind energy development: A case study from the German North Sea region. *Energy Policy*, 165, 112962. doi:10.1016/j.enpol.2022.112962 [\[Link\]](#)

[27] Ilieva V, Janeska-Iliev A, Debarliev S, Nakov L, Drakulevski L & Brudermann T (2022). Knowledge overconfidence among entrepreneurs from Austria and North Macedonia. *Journal of East European Management Studies*, 27(2), 259–279. doi.org/10.5771/0949-6181-2022-2-259

[26] Fenzl T & Brudermann T (2021). Eye cues increase cooperation in the dictator game under physical attendance of a recipient, but not for all. *Journal of Behavioral and Experimental Economics* 94, 101748. doi:10.1016/j.socec.2021.101748 [\[Link\]](#)

- [25] Kerner C & Brudermann T (2021). I Believe I Can Fly — Conceptual Foundations for Behavioral Rebound Effects Related to Voluntary Carbon Offsetting of Air Travel. *Sustainability* 13, 4774. doi:10.3390/su13094774 [\[Link\]](#)
- [24] Thaller A, Fleiß E & Brudermann T (2020). No glory without sacrifice — drivers of climate (in)action in the general population. *Environmental Science & Policy* 114, 7–13. doi:10.1016/j.envsci.2020.07.014 [\[Link\]](#)
- [23] Thaller A & Brudermann T (2020). "You know nothing, John Doe" – Judgmental overconfidence in lay climate knowledge. *Journal of Environmental Psychology* 69:101427. doi:10.1016/j.jenvp.2020.101427 [\[Link\]](#)
- [22] Brudermann T, Zaman R & Posch A (2019). Not in my hiking trail? Acceptance of wind farms in the Austrian Alps. *Clean Technologies and Environmental Policy* 21(8):1603–1616. doi:10.1007/s10098-019-01734-9 [\[Link\]](#)
- [21] Brudermann T, Aschemann R, Füllsack M & Posch A (2019). Education for Sustainable Development 4.0: Lessons Learned from the University of Graz, Austria. *Sustainability* 11 (8): 2347. doi:doi.org/10.3390/su11082347. [\[Link\]](#)
- [20] Riedner L, Mair C, Zimek M, Brudermann T & Stern T (2019). E-mobility in agriculture: differences in perception between experienced and non-experienced electric vehicle users. *Clean Technologies and Environmental Policy* 21(1):55-67. doi.org/10.1007/s10098-018-1615-2. [\[Link\]](#)
- [19] Sangkakool T, Techato K, Zaman R & Brudermann T (2018). Prospects of Green Roofs in Urban Thailand - A Multi-Criteria Decision Analysis. *Journal of Cleaner Production* 196:400-410. [\[Link\]](#)
- [18] Zaman R & Brudermann T (2018). Energy Governance in the Context of Energy Service Security: A Qualitative Assessment of the Electricity System in Bangladesh. *Applied Energy* 223:443-456. [\[Link\]](#)
- [17] Ilieva V, Brudermann T & Drakulevski L (2018). "Yes, we know!" (Over)confidence in general knowledge among Austrian entrepreneurs. *PLoS ONE* 13(5): e0197085. doi.org/10.1371/journal.pone.0197085 [\[Link\]](#)
- [16] Zaman R, Brudermann T, Kumar S & Islam N (2018). A Multi-Criteria Analysis of Coal-based Power Generation in Bangladesh. *Energy Policy* 116:182-192. [\[Link\]](#)
- [15] Brudermann T, Holländer R, Pastres R, Posch A & Schot P (2017). Integrating Interdisciplinarity and Internationality in Sustainable Development Education. *GAIA* 26(4): 360-62. [\[Link\]](#)
- [14] Brudermann T & Sangkakool T (2017). Green roofs in temperate climate cities in Europe – an analysis of key decision factors. *Urban Forestry and Urban Greening* 21:224-234. doi: 10.1016/j.ufug.2016.12.008. [\[Link\]](#)
- [13] Hofer C, Lechner G, Brudermann T & Füllsack M (2017). Adapting Axelrod's cultural dissemination model for simulating peer effects. *MethodsX* 4:1:10. doi: 10.1016/j.mex.2016.11.003. [\[Link\]](#)
- [12] Zaman R & Brudermann T (2017). Energy governance in resource-poor settings: The case of Bangladesh. *Energy Procedia* 142:2384-2390. [\[Link\]](#)
- [11] Reinsberger K, Brudermann T, Hatzl S, Fleiss E & Posch A (2015). Photovoltaic diffusion from the bottom-up: Analytical investigation of critical factors. *Applied Energy* 159:178-187. doi:10.1016/j.apenergy.2015.08.117. [\[Link\]](#)

- [10] Brudermann T, Mitterhuber C & Posch A (2015). Agricultural biogas plants - a systematic analysis of strengths, weaknesses, opportunities and threats. *Energy Policy* 76:107-111. doi:10.1016/j.enpol.2014.11.022. [\[Link\]](#)
- [9] Reinsberger K, Brudermann T & Posch A (2015). The Role of Photovoltaics in Energy Transition – Assessing the Prospects for a Regime Shift. *GAIA* 24 (1):49-55. [\[Link\]](#)
- [8] Posch A, Brudermann T, Braschel N & Gabriel M. (2015). Strategic energy management in energy-intensive enterprises – a quantitative analysis of relevant factors in the Austrian paper and pulp industry. *Journal of Cleaner Production* 90:291-299. doi:10.1016/j.jclepro.2014.11.044. [\[Link\]](#)
- [7] Brudermann T, Bartel G, Fenzl T & Seebauer S (2015). Eyes on social norms: A field study on an honor system for newspaper sale. *Theory and Decision* 79(2):285-306, DOI: 10.1007/s11238-014-9460-1. [\[Link\]](#)
- [6] Brudermann T & Yamagata Y (2014). Towards studying collective dynamics of electricity sharing systems. *Energy Procedia* 61: 975-978. [\[Link\]](#)
- [5] Hatzl S, Brudermann T, Reinsberger K & Posch A (2014). Do public programs in 'energy regions' affect citizen attitudes and behavior? *Energy Policy* 69:425-429. [\[Link\]](#)
- [4] Brudermann T, Reinsberger K, Orthofer A, Kislinger M, & Posch A (2013). Photovoltaics in Agriculture: A Case Study on Decision Making of Farmers. *Energy Policy* 61:96-103. [\[Link\]](#)
- [3] Koinegg J, Brudermann T, Posch A and Mrotzek M (2013). "It Would Be a Shame if We Did Not Take Advantage of the Spirit of the Times ..." - An Analysis of Prospects and Barriers of Building Integrated Photovoltaic. *GAIA* 22(1):39-45. [\[Link\]](#)
- [2] Brudermann T, Rauter R & Yamagata Y (2013). Behavioral aspects of urban resilience. *Innovation and Supply Chain Management* 7(3):83-91.
- [1] Fenzl T & Brudermann T (2009): Risk behavior in decision-making in a multi-person-setting. *Journal of Socio-Economics* 38(5): 752-756. [\[Link\]](#)

Other publications

Books

- [B2] Brudermann, Thomas (2022). Die Kunst der Ausrede. Warum wir uns lieber selbst täuschen, statt klimafreundlich zu leben. [The art of making excuses: Why self-deception trumps climate-friendliness] München: Oekom Verlag. [\[Link\]](#)
- [B1] Brudermann, Thomas (2010). Massenpsychologie. Psychologische Ansteckung, kollektive Dynamiken, Simulationsmodelle. [Crowd psychology: Social contagion, collective dynamics, simulation models] Wien/New York: Springer. [\[Link\]](#)

Edited books

- [E1] S. Hummel, P. Assinger, C. Bauer, T. Brudermann, A. Jany, M. Jury, R. Rauter, & M. van Poppel (2023). Shaping Tomorrow Today – SDGs from multiple perspectives. Wiesbaden: Springer. [\[Link\]](#)

Book chapters, articles in non-listed journals, contributions to reports

- [O9] E. Blanco, I. Otto, S. Pahl et al. (2025). Navigating demand-side transformations to achieve net zero through human decisions and behavior. In "Second Austrian Assessment Report on Climate Change (AAR2) of the Austrian Panel on Climate Change (APCC)". [D. Huppmann, M. Keiler, K. Riahi, H. Rieder (eds.)].

Austrian Academy of Sciences Press, Vienna, Austria. doi: 10.1553/aar2-ch5. url: <https://aar2.ccca.ac.at/chapters/5>

[O8] Novy Andreas, Haderer Margaret, Kubeczko Klaus, Aigner Ernest, Bärnthaler Richard, Brand Ulrich, Brudermann Thomas, Daniel Antje, Exner Andreas, Frankhauser Julia, Getzner Michael, Görg Christoph, Jonas Michael, Ohndorf Markus, Ornetzeder Michael, Plank Leonhard, Schinko Thomas, Schlitz Nicolas, Strüver Anke and Tödting Franz (2023). Kapitel 2: Perspektiven zur Analyse und Gestaltung von Strukturen für ein klimafreundliches Leben. In: APCC Special Report: Strukturen für ein klimafreundliches Leben (APCC SR Klimafreundliches Leben) [Görg, C., V. Madner, A. Muhar, A. Novy, A. Posch, K. Steininger und E. Aigner (Hrsg.)]. Springer Spektrum: Berlin/Heidelberg.

[O7] Novy Andreas, Kubeczko Klaus, Haderer Margaret, Bärnthaler Richard, Brand Ulrich, Brudermann Thomas, Daniel Antje, Exner Andreas, Getzner Michael, Görg Christoph, Jonas Michael, Ohndorf Markus, Ornetzeder Michael, Plank Leonhard, Schinko Thomas, Schlitz Nicolas, Strüver Anke and Tödting Franz (2023). Kapitel 24. Theorien des Wandels und der Gestaltung von Strukturen. APCC Special Report: Strukturen für ein klimafreundliches Leben (APCC SR Klimafreundliches Leben) [Görg, C., V. Madner, A. Muhar, A. Novy, A. Posch, K. Steininger und E. Aigner (Hrsg.)]. Springer Spektrum: Berlin/Heidelberg.

[O6] Novy Andreas, Brudermann Thomas, Frankhauser Julia, Getzner Michael and Ohndorf Markus (2023). Kapitel 25. Theorien des Wandels und der Gestaltung von Strukturen: Marktperspektive. In: APCC (2023) APCC Special Report Strukturen für ein klimafreundliches Leben (APCC SR Klimafreundliches Leben) [Görg, C., V. Madner, A. Muhar, A. Novy, A. Posch, K. Steininger und E. Aigner (Hrsg.)]. Springer Spektrum: Berlin/Heidelberg.

[O5] Neumann, J., & Brudermann, T. (2023). Littering in Municipal Public Places: The Role of Personal Factors and Intentions. In S. Hummel, P. Assinger, C. Bauer, T. Brudermann, A. Jany, M. Jury, R. Rauter, & M. van Poppel (Eds.), *Shaping Tomorrow Today – SDGs from multiple perspectives* (pp. 47–71). Springer. https://doi.org/10.1007/978-3-658-38319-0_3

[O4] Brudermann T, Hofer C & Yamagata Y (2016). Agent-Based Modeling - A Tool for Urban Resilience Research? In *Yamagata Y & Maruyama H (eds): Urban Resilience - A Transformative Approach*, Chapter 11, Springer International Publishing, 135-151

[O3] Brudermann T, Kelz C, Klettner S, Röderer K, Seebauer S & Wicher M (2015). Mensch und Umwelt: Umweltpsychologische Forschung in Österreich / Humans and Environment: Environmental Psychology Research in Austria. *Psychologie in Österreich* 35(2): 116–125.

[O2] Brudermann T (2014). Mass Psychology revisited — Insights from Social Psychology, Neuroscience and Simulation. In *Weidmann U, Kirsch U & Schreckenberg M (eds.): Pedestrian and Evacuation Dynamics*, Berlin/Heidelberg: Springer, 39-54.

[O1] Brudermann T & Fenzl T (2010). Agent-based Modelling: A new approach in viral marketing research. In: *Ralf Terlutter, Sandra Diehl, Shintaro Okazaki (eds.): EAA Advances in Advertising Research (Vol. 1): Cutting Edge International Research*. Wiesbaden: Gabler Verlag, 397-412.

Keynote lectures at academic events

[K10] “Climate (communication) with humor?” [“Klima(kommunikation) mit Humor?”]. 1st Symposium for Future, St. Pölten, October 10, 2025.

[K9] “Climate communication with humor” [“Klimakommunikation mit Humor”]. K3 Conference for Climate Communication, Graz, September 26, 2024.

[K8] "Stereotypes of self-deception and repression with regards to climate action" ["Stereotype der Selbsttäuschung und Verdrängung beim Klimaschutz"]. Environmental psychology conference of the Austrian Association of Psychologists (BÖP), St. Pölten, October 6, 2023.

[K7] "Rethinking the role of individual decisions for a sustainable future." *The InnoRenew CoE International Conference 2022 - Rethinking buildings and materials for a sustainable future*. Izola, Slovenia, November 17, 2022.

[K6] "Climate Psychology: From individual behaviors towards a systemic perspective." *Austrian Environmental Psychology Summit*, Vienna, September 12, 2022.

[K5] "Climate psychology: Exploring the gaps between awareness, knowledge, attitudes, intentions and behaviors." *Biological-Psychological Student Conference*, Koper, October 9, 2021.

[K4] "Humans and Climate: Why is it so difficult to behave climate-friendly?" *EFPSA 2019 Conference*, Prague, November 22, 2019.

[K3] "From Individual Decision Making to Collective Dynamics." *The 2014 Social Mood Conference*, Atlanta, Georgia, April 5, 2014.

[K2] "Mass Psychology Revisited – Insights from Social Psychology, Neuroscience and Simulation." *Keynote at the 6th International Conference on Pedestrian and Evacuation Dynamics (PED 2012)*, ETH Zürich, Switzerland, June 6, 2012.

[K1] "Massenpsychologie – der Mensch im Plural." Keynote talk at *3rd conference on police science*, hosted by police academy Niedersachsen. Nienburg, Germany, September 8, 2011.