

PUBLICATIONS

Peer Reviewed:

- Wagner, M.**, Hendy, I.L., Lai, B., 2022. Characterizing Ag uptake and storage in the marine diatom *Thalassiosira pseudonana*: implications for Ag biogeochemical cycling. *Marine Chemistry*. **247**. <https://doi.org/10.1016/j.marchem.2022.104175>
- Wagner, M.**, Bothner, C., Rau, E., Zeng, P. Z., Waisanen, E., Czerwinski, M., Fickes, B., Eastin, I., Hardin, R.D., 2021. Gala: an open-access platform for interactive learning with sustainability case studies. *IEEE Transactions on Learning Technologies*. **14**, 788–801. <https://doi.org/10.1109/TLT.2022.3148723>
- Wei, C., Brown, M., **Wagner, M.**, 2018. Pursuing the promise of case studies for sustainability and environmental education: converging initiatives. *Case Studies in the Environment*. April 2018. <https://doi.org/10.1525/cse.2018.001065>
- Wagner, M.**, Hendy I.L., 2017. Trace metal evidence for a poorly ventilated glacial Southern Ocean. *Quaternary Science Reviews*. **170**, 109–120. <https://doi.org/10.1016/j.quascirev.2017.06.014>
- Wagner, M.**, Chappaz, A., Lyons, T.W., 2017. Molybdenum speciation and burial pathway in weakly sulfidic environments: insights from XAFS. *Geochimica et Cosmochimica Acta*. **206**, 18–29. <https://doi.org/10.1016/j.gca.2017.02.018>
- Wagner, M.**, Hendy, I.L., McKay, J.L., Pedersen, T.F., 2015. Redox chemistry of West Antarctic Peninsula margin surface sediments. *Chemical Geology*. **417**, 102–114. <https://doi.org/10.1016/j.chemgeo.2015.10.002>
- Moore, T.C., Jr., Wade, B.S., Westerhold, T., Erhardt, A.M., Coxall, H.K., Baldauf, J., **Wagner, M.**, 2014. Equatorial Pacific productivity changes near the Eocene-Oligocene boundary. *Paleoceanography*. **29**. <https://doi.org/10.1002/2014PA002656>
- Wagner, M.**, Hendy, I.L., McKay, J.L., Pedersen, T.F., 2013. Influence of biological productivity on silver and redox-sensitive trace metal accumulation in Southern Ocean surface sediments, Pacific sector. *Earth and Planetary Science Letters*. **380**, 31–40. <https://doi.org/10.1016/j.epsl.2013.08.020>

Other Articles:

- Wagner, M.** and Hardin, R.D., 2022. Introduction to special issue: remaking case-based learning for sustainability. *World Development Perspectives*. **26**. <https://doi.org/10.1016/j.wdp.2022.100413> (guest co-editor for issue)
- Wagner, M.**, Kusano, S., Hardin, R.D., Matney, M., 2020. The Michigan Sustainability Cases initiative: adapting case-based teaching for innovative sustainability science education. *Center for Research on Learning and Teaching Occasional Paper No. 39*. Available at:

<https://crlt.umich.edu/michigan-sustainability-cases-initiative-adapting-case-based-teaching-innovative-sustainability>

Wagner, M., Hardin, R., 2019. Michigan Sustainability Cases: an open-access resource for infusing sustainability into geoscience curricula. *In the Trenches*. **9**, 12–13.

Rutt, R., **Wagner M.**, 2019. Struggles over 'science': what is the role for science in community forestry in Nepal? *Sustainability: The Journal of Record*. **12**, 10–17.

<https://doi.org/10.1089/sus.2018.0025>