

List of key publications

2022

- Banerjee, O., Cicowiez, M., Macedo, M.N., **Malek, Ž.**, **Verburg, P.H.**, Goodwin, S., Vargas, R., Rattis, L., Bagstad, K. J., Brando, P.M., Coe, M.T., Neill, C., Marti, O.D., & Murillo, J.Á. (2022). Can we avert an Amazon tipping point? The economic and environmental costs. *Environmental Research Letters*, 17(12), 125005. <https://doi.org/10.1088/1748-9326/aca3b8>
- **Debonne, N.**, Bürgi, M., Diogo, V., Helfenstein, J., Herzog, F., **Levers, C.**, Mohr, F., **Swart, R.** & **Verburg, P.** (2022). The geography of megatrends affecting European agriculture. *Global Environmental Change*, 75, 102551. <https://doi.org/10.1016/j.gloenvcha.2022.102551>
- Felix, L., Houet, T. & **Verburg, P.H.** (2022). Mapping biodiversity and ecosystem service trade-offs and synergies of agricultural change trajectories in Europe. *Environmental Science and Policy*, 136, 387–399. <https://doi.org/10.1016/j.envsci.2022.07.004>
- **Laroche, P.C.S.J.**, **Schulp, C.J.E.**, Kastner, T. & **Verburg, P.H.** (2022). Assessing the contribution of mobility in the European Union to rubber expansion. *Ambio*, 51(3), 770–783. <https://doi.org/10.1007/s13280-021-01579-x>
- **Li, M.**, Wang, Y., Rosier, J.F., **Verburg, P.H.** & **van Vliet, J.** (2022). Global maps of 3D built-up patterns for urban morphological analysis. *International Journal of Applied Earth Observation and Geoinformation*, 114, 103048. <https://doi.org/10.1016/j.jag.2022.103048>
- Meyfroidt, P., de Bremond, A., Ryan, C.M., ... **Verburg, P.H.**, Zeleke, G. & Zu Ermgassen, E.K.H.J. (2022). Ten facts about land systems for sustainability. *Proceedings of the National Academy of Sciences of the United States of America*, 119(7), e2109217118. <https://doi.org/10.1073/pnas.2109217118>
- Schrammeijer, E.A., **Malek, Ž.** & **Verburg, P.H.** (2022). Mapping demand and supply of functional niches of urban green space. *Ecological Indicators*, 140, 1-14. [109031]. <https://doi.org/10.1016/j.ecolind.2022.109031>
- **Schulp, C.J.E.**, Komossa, F., Scherer, L., van der Zanden, E.H., Debolini, M. & Piorr, A. (2022). The Role of Different Types of Actors In The Future of Sustainable Agriculture In a Dutch Peri-urban Area. *Environmental Management*, 70(3), 401–419. <https://doi.org/10.1007/s00267-022-01654-3>
- Ulukan, D., Bergkvist, G., Lana, M., Fasse, A., Mager, G., Öborn, I. & **Chopin, P.** (2022). Combining sustainable livelihood and farm sustainability approaches to identify relevant intensification options: Implications for households with crop-based and gathering-based livelihoods in Tanzania. *Ecological Indicators*, 144, 109518. <https://doi.org/10.1016/j.ecolind.2022.109518>
- **West, T.A.P.**, Rausch, L., Munger, J. & Gibbs, H.K. (2022). Protected areas still used to produce Brazil's cattle. *Conservation Letters*, 15(6), e12916. <https://doi.org/10.1111/conl.12916>

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- **Debonne, N., van Vliet, J., Metternicht, G., & Verburg, P.H.** (2021). [Agency shifts in agricultural land governance and their implications for land degradation neutrality](#). *Global Environmental Change*, 66, 102221.
- **Dou, Y., Cosentino, F., Malek, Z., Maiorano, L., Thuiller, W. & Verburg, P.H.** (2021). [A new European land systems representation accounting for landscape characteristics](#). *Landscape Ecology*, 36(8), 2215–2234.
- **Leijten, F., Sim, S., King, H & Verburg, P.H.** (2021) [Local deforestation spillovers induced by forest moratoria: Evidence from Indonesia](#). *Land Use Policy*, 19, 105690.
- **Zagaria, C., Schulp, C.J.E., Zavalloni, M., Viaggi, D. & Verburg, P.H.** (2021). [Modelling transformational adaptation to climate change among crop farming systems in Romagna, Italy](#). *Agricultural Systems*, 188, 103024.
- **Wang, Y., van Vliet, J., Debonne, N., Pu, L. & Verburg, P.H.** (2021) [Settlement changes after peak population: Land system projections for China until 2050](#). *Landscape and Urban Planning*, 209, 104045.
- **Schrammeijer, E.A., van Zanten, B.T. & Verburg, P.H.** (2021) [Whose park? Crowdsourcing citizen's urban green space preferences to inform needs-based management decisions](#). *Sustainable Cities and Society*, 74, 103249.
- **Levers, C., Romero-Muñoz, A., Baumann, M., De Marzo, T., Fernández, P.D., Gasparri, N.I., Gavier-Pizarro, G.I., Le Polain de Waroux, Y., Piquer-Rodríguez, M., Semper-Pascual, A. & Kuemmerle, T.** (2021) Agricultural expansion and the ecological marginalization of forest-dependent people. *Proceedings of the National Academy of Science of the United States of America*, 118(44), 1–9.

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- **Komossa, F., Wartmann, F.M., Kienast, F. & Verburg, P.H.** (2020). [Comparing outdoor recreation preferences in peri-urban landscapes using different data gathering methods](#). *Landscape and Urban Planning* 199, 103796.
- **Laroche, P.C.S.J., Schulp, C.J.E., Kastner, T. & Verburg, P.H.** (2020). [Telecoupled environmental impacts of current and alternative Western diets](#). *Global Environmental Change*, 62, 102066.
- **Leijten, F.C, Sim, S., King, H. & Verburg, P.H.** (2020). [Which forests could be protected by corporate zero deforestation commitments? A spatial assessment](#). *Environmental Research Letters*.
- **Li, M., Koks, E.E., Taubenböck, H. & van Vliet, J.** (2020). [Continental-scale mapping and analysis of 3D building structure](#). *Remote Sensing of Environment*, 245, 114859.
- **Prestele, R., and Verburg, P.H.** (2020). [The overlooked spatial dimension of climate smart agriculture](#). *Global Change Biology*, 23(3), 1045–1054.
- **Shaw, B.J., van Vliet, J. & Verburg, P.H.** (2020). [The peri-urbanization of Europe: A systematic review of a multifaceted process](#). *Landscape and Urban Planning*, 196, 103733.

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- Bais-Moleman, A-L., **Schulp**, C.J.E. & **Verburg**, P.H. (2019). [Assessing the environmental impacts of production- and consumption-side measures in sustainable agriculture intensification in the European Union](#). *Geoderma* 338, 555–567.
- Bubalo, M., van Zanten, B.T. & **Verburg**, P.H. (2019). [Crowdsourcing geo-information on landscape perceptions and preferences: a review](#). *Landscape and Urban Planning* 184, 101–111.
- **Debonne**, N., **van Vliet**, J. & **Verburg**, P.H., (2019). [Future governance options for large-scale land acquisition in Cambodia: impacts on tree cover and tiger landscapes](#). *Environmental Science & Policy*, 94, 9–19.
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- Wang, Y., **van Vliet**, J., Pu, L. & **Verburg**, P.H. (2019). [Modeling different urban change trajectories and their trade-offs with food production in Jiangsu Province, China](#). *Computers, Environment, and Urban Systems*, 77, 101355.

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