

Curriculum Vitae

Personal Data

Title	Dr.
First name	Munir
Name	Hoffmann
Current position	1) Scientist at TROPAGS - Georg-August-Universität Göttingen, Germany 2) Chief Scientist at Agvolution GmbH
Current institution(s)/site(s), country	1) Department of Crop Sciences, Faculty of Agricultural Sciences, Georg-August-Universität Göttingen, Germany 2) Agvolution GmbH, Germany
Identifiers/ORCID	https://orcid.org/0000-0002-9791-5658

Qualifications and Career

Stages	Periods and Details
Degree programme	2004-2010: M.A. Social Anthropology/Agriculture Georg-August-Universität Göttingen, Germany Exchange Semester: National University of Singapore (2007) 2008-2011: MSc. International Agriculture, Georg-August-Universität Göttingen, Germany
Doctorate	2012-2015: Agricultural Sciences, Georg-August-Universität Göttingen, Germany Title of thesis: <i>Understanding potential yield in the context of the climate and resource constraint to sustainably intensify cropping systems in tropical and temperate regions</i>
Stages of academic/ professional career	Since 2023: Scientist at Georg-August-Universität Göttingen, Germany, TROPAGS Since 2020: Chief Scientist and Co-founder of the AgTech Start-up Agvolution 2019 - 2020: Tenure Track Position („Agricultural Systems Analysis”) at the Centre for Agricultural Landscape Research (ZALF) 2015 -2018: Postdoc at Georg-August-Universität Göttingen, Germany , TROPAGS

Key publications

Hoffmann, M.P., Cock, J., Samson, M., Janetski, N., Janetski, K., Roetter R.P., Fisher, M., Oberthuer, T. (2020). Fertilizer management in smallholder cocoa farms of Indonesia under variable climate and market prices. *Agricultural Systems* 178, 102759. <https://doi.org/10.1016/j.agsy.2019.102759>

Hoffmann, M.P., Swanepoel, C.M., Nelson, W.C.D., Beukes, D.J., van der Laan, M., Hargreaves, J.N.G., Roetter, R.P. (2020). Simulating medium-term effects of cropping system diversification on soil fertility and crop productivity in southern Africa. *European Journal of Agronomy* 126089. <https://doi.org/10.1016/j.eja.2020.126089>

Hoffmann, M.P., Haakana, M., Asseng, S., Hoehn, J.G., Palosuo, T., Ruiz-Ramos, M., Fronzek, S., Ewert, F., Gaiser, T., Kassie, B.T., et al. (2018). How does inter-annual variability of attainable yield affect the magnitude of yield gaps for wheat and maize? *Agricultural Systems* 159: 199–208. <https://doi.org/10.1016/j.agsy.2017.03.012>

Hoffmann, M.P., Odhiambo, J.J.O., Koch, M., Ayisi, K.K., Zhao, G., Soler, A.S., Roetter, R.P. (2018). Exploring adaptations of groundnut cropping to prevailing climate variability and extremes in Limpopo Province, South Africa. *Field Crops Research* 219: 1–13. <https://doi.org/10.1016/j.fcr.2018.01.019>

Hoffmann, M.P., Isselstein, J., Roetter, R.P., Kayser, M. (2018). Nitrogen management in crop rotations after break-up of grassland: Insights from modelling. *Agriculture, Ecosystems & Environment* 259: 28–44. <https://doi.org/10.1016/j.agee.2018.02.009>

Hoffmann, M.P., Donough, C., Cook, S., Fisher, M., Lim, C., Lim, Y., Cock, J., Kam, S.P., Mohanaraj, S.N., Indrasuara, K., et al. (2017). Yield gap analysis in oil palm: Framework development and application in commercial operations in Southeast Asia. *Agricultural Systems* 151: 12–19. <https://doi.org/10.1016/j.agsy.2016.11.005>

Hoffmann, M.P., Llewellyn, R., Davoren, C.W., Whitbread, A.M. (2017). Assessing the potential for zone-specific management of cereals in low rainfall South-eastern Australia. *Journal of Agronomy and Crop Science* 203: 14–28. <https://doi.org/10.1111/jac.12159>

Hoffmann, M.P., Jacobs, A., Whitbread, A.M. (2015). Crop modelling based analysis of site-specific production limitations of winter oilseed rape in northern Germany. *Field Crops Research* 178: 49–62. <https://doi.org/10.1016/j.fcr.2015.03.018>

Hoffmann, M.P., Castaneda Vera, A., van Wijk, M.T., Giller, K.E., Oberthuer, T., Donough, C., Whitbread, A.M. (2014). Simulating potential growth and yield in oil palm (*Elaeis guineensis*) with PALMSIM: Model description, evaluation and application. *Agricultural Systems* 131: 1–10. <https://doi.org/10.1016/j.agsy.2014.07.006>