



Goldmann K., Jung K., Mehring M., Müller T., Renner S.C., Schall P., Scherer-Lorenzen M., **Westphal C.**, Wubet T. & Manning P. (2023). Landscape management strategies for multifunctionality and social equity. *Nature Sustainability*, <https://doi.org/10.1038/s41893-022-01045-w>

- (86) Kirsch F., Hass A.L., Link W., **Westphal C.** (2023) Intercrops as foraging habitats for bees: Bees do not prefer sole legume crops over legume-cereal mixtures. *Agriculture, Ecosystems & Environment* 343: 108268, <https://doi.org/10.1016/j.agee.2022.108268>
- (85) Le Provost G., Schenk N.V., Penone C., Thiele J., **Westphal C.**, Allan E., Ayasse M., Blüthgen N., Boeddinghaus R.S., Boesing A.L., Bolliger R., Busch V., Fischer M., Gossner M.M., Hölzel N., Jung K., Kandeler E., Klaus V.H., Kleinebecker T., Leimer S., Marhan S., Morris K., Müller S., Neff F., Neyret M., Oelmann Y., Perović D.J., Peter S., Prati D., Rillig M.C., Saiz H., Schäfer D., Scherer-Lorenzen M., Schloter M., Schöning I., Schrupf M., Steckel J., Steffan-Dewenter I., Tschapka M., Vogt J., Weiner C., Weisser W., Wells K., Werner M., Wilcke W. & Manning P. (2023). The supply of multiple ecosystem services requires biodiversity across spatial scales. *Nature Ecology & Evolution*, 7, 236-249. <https://doi.org/10.1038/s41559-022-01918-5>

## 2022

- (84) Gardein, H., Fabian, Y., **Westphal, C.**, Tschardtke, T. & Hass, A. (2022). Ground-nesting bees prefer bare ground areas on calcareous grasslands. *Global Ecology and Conservation*, e02289.
- (83) Tschardtke T., Grass I., Wanger T.C., Westphal C. & Batáry P. (2022). Spatiotemporal land-use diversification for biodiversity. *Trends in Ecology & Evolution*, 37, 734-735. <https://doi.org/10.1016/j.tree.2022.06.002>
- (82) Olhnuud, A., Liu, Y., Makowski, D., Tschardtke, T., **Westphal, C.**, Wu, P., Wang, M. & van der Werf, W. (2022). Pollination deficits and contributions of pollinators in apple production: A global meta-analysis. *Journal of Applied Ecology*, n/a.
- (81) Marcacci G., Grass I., Rao V.S., Kumar S.S., Tharini K.B., Belavadi V.V., Nolke N., Tschardtke T. & Westphal C. (2022). Functional diversity of farmland bees across rural-urban landscapes in a tropical megacity. *Ecological Applications*, <https://doi.org/10.1002/eap.2699>
- (80) Carneiro de Melo Moura, C., Setyaningsih, C.A., Li, K., Merk, M.S., Schulze, S., Raffiudin, R., Grass, I., Behling, H., Tschardtke, T., **Westphal, C.** & Gailing, O. (2022). Biomonitoring via DNA metabarcoding and light microscopy of bee pollen in rainforest transformation landscapes of Sumatra. *BMC Ecology and Evolution*, 22, 51.
- (79) Tschardtke, T., Grass, I., Wanger, T.C., **Westphal, C.** & Batáry, P. (2022). Restoring biodiversity needs more than reducing pesticides. *Trends in Ecology & Evolution*, 37, 115-116.
- (78) Beyer, N., Gabriel, D. & **Westphal, C.** (2022). Landscape composition modifies pollinator densities, foraging behavior and yield formation in faba beans. *Basic and Applied Ecology*, 61, 30-40.
- (77) Tschardtke T., Grass I., Wanger T.C., Westphal C. & Batáry P. (2022). Prioritise the most effective measures for biodiversity-friendly agriculture. *Trends in Ecology & Evolution*, 37, 397-398. <https://doi.org/10.1016/j.tree.2022.02.008>
- (76) Schweiger S.E., Beyer N., Hass A.L. & Westphal C. (2022). Pollen and landscape diversity as well as wax moth depredation determine reproductive success of bumblebees in agricultural landscapes. *Agriculture, Ecosystems & Environment*, 326, 107788.
- (75) Müller S., Gossner M.M., Penone C., Jung K., Renner S.C., Farina A., Anhäuser L., Ayasse M., Boch S., Haensel F., Heitzmann J., Kleinn C., Magdon P., Perović D.J., Pieretti N., Shaw T., Steckel J., Tschapka M., Vogt J., Westphal C. & Scherer-Lorenzen M. (2022). Land-use intensity and landscape structure drive the acoustic composition of grasslands. *Agriculture, Ecosystems & Environment*, 328, 107845.
- (74) Scherreiks P., Gossner M.M., Ambarlı D., Ayasse M., Blüthgen N., Fischer M., Klaus V.H., Kleinebecker T., Neff F., Prati D., Seibold S., Simons N.K., Weisser W.W., Wells K., **Westphal C.** & Thiele J. (2022). Present and historical landscape structure shapes current species richness in Central European grasslands. *Landscape Ecology*.

## 2021

- (73) Tschardtke, T., Grass, I., Wanger, T.C., **Westphal, C.** & Batary, P. (2021). Beyond organic farming - harnessing biodiversity-friendly landscapes. *Trends in Ecology & Evolution*, 36, 919-930.

- (72) Neyret, M., Fischer, M., Allan, E., Hölzel, N., Klaus, V.H., Kleinebecker, T., Krauss, J., Le Provost, G., Peter, S., Schenk, N., Simons, N.K., van der Plas, F., Binkenstein, J., Börschig, C., Jung, K., Prati, D., Schäfer, D., Schäfer, M., Schöning, I., Schrupf, M., Tschapka, M., **Westphal, C.** & Manning, P. (2021). Assessing the impact of grassland management on landscape multifunctionality. *Ecosystem Services*, 52, 101366.
- (71) Beyer, N., Gabriel, D. & **Westphal, C.** (2021). Contrasting effects of past and present mass-flowering crop cultivation on bee pollinators shaping yield components in oilseed rape. *Agriculture, Ecosystems & Environment*, 319, 107537.
- (70) Marcacci, G., **Westphal, C.**, Wenzel, A., Raj, V., Nölke, N., Tschardt, T. & Grass, I. (2021). Taxonomic and functional homogenization of farmland birds along an urbanization gradient in a tropical megacity. *Global Change Biology*. DOI: 10.1111/gcb.15755
- (69) Le Provost, G., Thiele, J., **Westphal, C.**, Penone, C., Allan, E., Neyret, M., van der Plas, F., Ayasse, M., Bardgett, R.D., Birkhofer, K., Boch, S., Bonkowski, M., Buscot, F., Feldhaar, H., Gaulton, R., Goldmann, K., Gossner, M.M., Klaus, V.H., Kleinebecker, T., Krauss, J., Renner, S., Scherrei, P., Sikorski, J., Baulechner, D., Blüthgen, N., Bolliger, R., Börschig, C., Busch, V., Chisté, M., Fiore-Donno, A.M., Fischer, M., Arndt, H., Hoelzel, N., John, K., Jung, K., Lange, M., Marzini, C., Overmann, J., Pašalić, E., Perović, D.J., Prati, D., Schäfer, D., Schöning, I., Schrupf, M., Sonnemann, I., Steffan-Dewenter, I., Tschapka, M., Türke, M., Vogt, J., Wehner, K., Weiner, C., Weisser, W., Wells, K., Werner, M., Wolters, V., Wubet, T., Wurst, S., Zaitsev, A.S. & Manning, P. (2021). Contrasting responses of above- and belowground diversity to multiple components of land-use intensity. *Nature Communications*, 12, 3918.
- (68) Beyer, N., Kirsch, F., Gabriel, D. & **Westphal, C.** (2021). Identity of mass-flowering crops moderates functional trait composition of pollinator communities. *Landscape Ecology*. DOI: 10.1007/s10980-021-01261-3
- (67) Fried O., Westphal C., Schellenberg J., Grescho V., Kühn I., Van Sinh N., Settele J. & Bergmeier E. (2021). Vascular plant species diversity in Southeast Asian rice ecosystems is determined by climate and soil conditions as well as the proximity of non-paddy habitats. *Agriculture, Ecosystems & Environment*, 314, 107346. DOI: 10.1016/j.agee.2021.107346
- (66) Piko J., Keller A., Geppert C., Batáry P., Tschardt T., Westphal C. & Hass A.L. (2021). Effects of three flower field types on bumblebees and their pollen diets. *Basic and Applied Ecology*. DOI: 10.1016/j.baae.2021.02.005
- (65) Bänisch S., Tschardt T., Gabriel D. & Westphal C. (2021). Crop pollination services: Complementary resource use by social vs solitary bees facing crops with contrasting flower supply. *Journal of Applied Ecology*, 58, 476-485. DOI: 10.1111/1365-2664.13777
- (64) Wu, P., Tschardt, T., **Westphal, C.**, Wang, M., Olhnuud, A., Xu, H., Yu, Z., van der Werf, W. & Liu, Y. (2021). Bee abundance and soil nitrogen availability interactively modulate apple quality and quantity in intensive agricultural landscapes of China. *Agriculture, Ecosystems & Environment*, 305, 107168.
- (63) Rötter R.P., Scheiter S., Hoffmann M.P., Pfeiffer M., Nelson W.C.D., Ayisi K., Taylor P., Feil J.-H., Bakhsh S.Y., Isselstein J., Lindstädter A., Behn K., Westphal C., Odhiambo J., Twine W., Grass I., Merante P., Bracho-Mujica G., Brighenti T., Lamega S., Abdulai I., Lam Q.D., Anders M., Linden V., Weier S., Foord S. & Erasmus B. (2021). Modeling the multi-functionality of African savanna landscapes under global change. *Land Degradation & Development*, 32, 2077-2081. DOI: 10.1002/ldr.3925
- (62) Hutchinson L.A., Oliver T.H., Breeze T.D., Bailes E.J., Brünjes L., Campbell A.J., Erhardt A., de Groot G.A., Földesi R., García D., Goulson D., Hainaut H., Hambäck P.A., Holzschuh A., Jauker F., Klatt B.K., Klein A.-M., Kleijn D., Kovács-Hostyánszki A., Krimmer E., Mc Kerchar M., Miñarro M., Phillips B.B., Potts S.G., Pufal G., Radzevičiūtė R., Roberts S.P.M., Samnegård U., Schulze J., Shaw R.F., Tschardt T., Vereecken N.J., Westbury D.B., Westphal C., Wietzke A., Woodcock B.A. & Garratt M.P.D. (2021). Using ecological and field survey data to establish a national list of the wild bee pollinators of crops. *Agriculture, Ecosystems & Environment*, 315, 107447.
- (61) Senapathi D., Fründ J., Albrecht M., Garratt M.P.D., Kleijn D., Pickles B.J., Potts S.G., An J., Andersson G.K.S., Bänisch S., Basu P., Benjamin F., Bezerra A.D.M., Bhattacharya R., Biesmeijer J.C., Blaauw B., Blitzer E.J., Brittain C.A., Carvalheiro L.G., Cariveau D.P., Chakraborty P., Chatterjee A., Chatterjee S., Cusser S., Danforth B.N., Degani E., Freitas B.M., Garibaldi L.A., Geslin B., de Groot G.A., Harrison T., Howlett B., Isaacs R., Jha S., Klatt B.K., Krewenka K., Leigh S., Lindström S.A.M., Mandelik Y., Mc Kerchar M., Park M., Pisanty G., Rader R., Reemer M., Rundlöf M., Smith B., Smith H.G., Silva P.N., Steffan-Dewenter I., Tschardt T., Webber S., Westbury D.B., Westphal C.,

Wickens J.B., Wickens V.J., Winfree R., Zhang H. & Klein A.-M. (2021). Wild insect diversity increases inter-annual stability in global crop pollinator communities. *Proceedings of the Royal Society B: Biological Sciences*, 288, 20210212. DOI: 10.1098/rspb.2021.0212

## 2020

- (60) Bänisch, S., Tschardtke, T., Wünschiers, R., Netter, L., Brenig, B., Gabriel, D. & **Westphal, C.** (2020). Using ITS2 metabarcoding and microscopy to analyse shifts in pollen diets of honey bees and bumble bees along a mass-flowering crop gradient. *Molecular Ecology*, doi.org/10.1111/mec.15675
- (59) Beyer, N., Gabriel, D., Kirsch, F., Schulz-Kesting, K., Dauber, J. & **Westphal, C.** (2020). Functional groups of wild bees respond differently to faba bean (*Vicia faba* L.) cultivation at landscape scale. *Journal of Applied Ecology*, doi: 10.1111/1365-2664.13745.
- (58) Harvey, J.A., Heinen, R., Armbrrecht, I., Basset, Y., Baxter-Gilbert, J.H., Bezemer, T.M., Böhm, M., Bommarco, R., Borges, P.A.V., Cardoso, P., Clausnitzer, V., Cornelisse, T., Crone, E.E., Dicke, M., Dijkstra, K.-D.B., Dyer, L., Ellers, J., Fartmann, T., Forister, M.L., Furlong, M.J., Garcia-Aguayo, A., Gerlach, J., Gols, R., Goulson, D., Habel, J.-C., Haddad, N.M., Hallmann, C.A., Henriques, S., Herberstein, M.E., Hochkirch, A., Hughes, A.C., Jepsen, S., Jones, T.H., Kaydan, B.M., Kleijn, D., Klein, A.-M., Latty, T., Leather, S.R., Lewis, S.M., Lister, B.C., Losey, J.E., Lowe, E.C., Macadam, C.R., Montoya-Lerma, J., Nagano, C.D., Ogan, S., Orr, M.C., Painting, C.J., Pham, T.-H., Potts, S.G., Rauf, A., Roslin, T.L., Samways, M.J., Sanchez-Bayo, F., Sar, S.A., Schultz, C.B., Soares, A.O., Thancharoen, A., Tschardtke, T., Tylianakis, J.M., Umbers, K.D.L., Vet, L.E.M., Visser, M.E., Vujic, A., Wagner, D.L., WallisDeVries, M.F., **Westphal, C.**, White, T.E., Wilkins, V.L., Williams, P.H., Wyckhuys, K.A.G., Zhu, Z.-R. & de Kroon, H. (2020). International scientists formulate a roadmap for insect conservation and recovery. *Nature Ecology & Evolution*, 4, 174-176.
- (57) Leidenfrost, R.M., Bänisch, S., Prudnikow, L., Brenig, B., **Westphal, C.** & Wünschiers, R. (2020). Analyzing the Dietary Diary of Bumble Bee. *Frontiers in Plant Science*, 11.
- (56) Bänisch, S., Tschardtke, T., Ratnieks, F.L.W., Härtel, S. & **Westphal, C.** (2020). Foraging of honey bees in agricultural landscapes with changing patterns of flower resources. *Agriculture, Ecosystems & Environment*, 291, 106792.

## 2019

- (55) Neff, F., Blüthgen, N., Chisté, M.N., Simons, N.K., Steckel, J., Weisser, W.W., **Westphal, C.**, Pellissier, L. & Gossner, M.M. (2019). Cross-scale effects of land use on the functional composition of herbivorous insect communities. *Landscape Ecology*, 34, 2001-2015.
- (54) Grass, I., Loos, J., Baensch, S., Batáry, P., Librán-Embíd, F., Ficiciyan, A., Klaus, F., Riechers, M., Rosa, J., Tiede, J., Udy, K., **Westphal, C.**, Wurz, A. & Tschardtke, T. (2019). Land-sharing/-sparing connectivity landscapes for ecosystem services and biodiversity conservation. *People and Nature*, 1, 262-272.
- (53) Wu, P.L., Axmacher, J.C., Li, X.D., Song, X., Yu, Z.R., Xu, H.L., Tschardtke, T., **Westphal, C.** & Liu, Y.H. (2019). Contrasting effects of natural shrubland and plantation forests on bee assemblages at neighboring apple orchards in Beijing, China. *Biological Conservation*, 237, 456-462.
- (52) Dainese, M., Martin, E.A., Aizen, M.A., Albrecht, M., Bartomeus, I., Bommarco, R., Carvalheiro, L.G., Chaplin-Kramer, R., Gagic, V., Garibaldi, L.A., Ghazoul, J., Grab, H., Jonsson, M., Karp, D.S., Kennedy, C.M., Kleijn, D., Kremen, C., Landis, D.A., Letourneau, D.K., Marini, L., Poveda, K., Rader, R., Smith, H.G., Tschardtke, T., Andersson, G.K.S., Badenhausser, I., Baensch, S., Bezerra, A.D.M., Bianchi, F.J.J.A., Boreux, V., Bretagnolle, V., Caballero-Lopez, B., Cavigliasso, P., Četković, A., Chacoff, N.P., Classen, A., Cusser, S., da Silva e Silva, F.D., de Groot, G.A., Dudenhöffer, J.H., Ekroos, J., Fijen, T., Franck, P., Freitas, B.M., Garratt, M.P.D., Gratton, C., Hipólito, J., Holzschuh, A., Hunt, L., Iverson, A.L., Jha, S., Keasar, T., Kim, T.N., Kishinevsky, M., Klatt, B.K., Klein, A.-M., Krewenka, K.M., Krishnan, S., Larsen, A.E., Lavigne, C., Liere, H., Maas, B., Mallinger, R.E., Martinez Pachon, E., Martínez-Salinas, A., Meehan, T.D., Mitchell, M.G.E., Molina, G.A.R., Nesper, M., Nilsson, L., O'Rourke, M.E., Peters, M.K., Plečaš, M., Potts, S.G., Ramos, D.d.L., Rosenheim, J.A., Rundlöf, M., Rusch, A., Sáez, A., Scheper, J., Schleuning, M., Schmack, J.M., Sciligo, A.R., Seymour, C., Stanley, D.A., Stewart, R., Stout, J.C., Sutter, L., Takada, M.B., Taki, H., Tamburini, G., Tschumi, M., Viana, B.F., **Westphal, C.**, Willcox, B.K., Wratten, S.D., Yoshioka, A., Zaragoza-Trello, C., Zhang, W., Zou, Y. & Steffan-Dewenter, I. (2019). A global synthesis reveals biodiversity-mediated benefits for crop production. *Science Advances*, 5, eaax0121.

(51) Castle, D., Grass, I. & **Westphal, C.** (2019). Fruit quantity and quality of strawberries benefit from enhanced pollinator abundance at hedgerows in agricultural landscapes. *Agriculture, Ecosystems & Environment*, 275, 14-22.

(50) van der Plas, F., Allan, E., Fischer, M., Alt, F., Arndt, H., Binkenstein, J., Blaser, S., Blüthgen, N., Böhm, S., Hölzel, N., Klaus, V.H., Kleinebecker, T., Morris, K., Oelmann, Y., Prati, D., Renner, S.C., Rillig, M.C., Schaefer, H.M., Schloter, M., Schmitt, B., Schöning, I., Schrupp, M., Solly, E.F., Sorkau, E., Steckel, J., Steffan-Dewenter, I., Stempfhuber, B., Tschapka, M., Weiner, C.N., Weisser, W.W., Werner, M., **Westphal, C.**, Wilcke, W. & Manning, P. (2019). Towards the development of general rules describing landscape heterogeneity–multifunctionality relationships. *Journal of Applied Ecology*, 56, 168-179.

## 2018

(49) Marzinzig B., Brünjes L., Biagioni S., Behling H., Link W. & **Westphal C.** (2018). Bee pollinators of faba bean (*Vicia faba* L.) differ in their foraging behaviour and pollination efficiency. *Agriculture, Ecosystems & Environment*, 264, 24-33.

(48) Settele, J., Heong, K.L., Kühn, I., Klotz, S., Spangenberg, J.H., Arida, G., Beaufort, A., Beck, S., Bergmeier, E., Burkhard, B., Brandl, R., Bustamante, J.V., Butler, A., Cabbigat, J., Le, X.C., Catindig, J.L.A., Ho, V.C., Le, Q.C., Dang, K.B., Escalada, M., Dominik, C., Franzén, M., Fried, O., Görg, C., Grescho, V., Grossmann, S., Gurr, G.M., Hadi, B.A.R., Le, H.H., Harpke, A., Hass, A.L., Hirneisen, N., Horgan, F.G., Hotes, S., Isoda, Y., Jahn, R., Kettle, H., Klotzbücher, A., Klotzbücher, T., Langerwisch, F., Loke, W.-H., Lin, Y.-P., Lu, Z., Lum, K.-Y., Magcale-Macandog, D.B., Marion, G., Marquez, L., Müller, F., Nguyen, H.M., Nguyen, Q.A., Nguyen, V.S., Ott, J., Penev, L., Pham, H.T., Radermacher, N., Rodriguez-Labajos, B., Sann, C., Sattler, C., Schädler, M., Scheu, S., Schmidt, A., Schrader, J., Schweiger, O., Seppelt, R., Soitong, K., Stoev, P., Stoll-Kleemann, S., Tekken, V., Thonicke, K., Tilliger, B., Tobias, K., Andi Trisyono, Y., Dao, T.T., Tschardt, T., Le, Q.T., Türke, M., Václavík, T., Vetterlein, D., Villareal, S.B., Vu, K.C., Vu, Q., Weisser, W.W., **Westphal, C.**, Zhu, Z. & Wiemers, M. (2018). Rice ecosystem services in South-east Asia. *Paddy and Water Environment*, 16, 211-224.

(47) Spangenberg J.H., Beaufort A.L., Bergmeier E., Burkhard B., Van Chien H., Cuong L.Q., Görg C., Grescho V., Hai L.H., Heong K.L., Horgan F.G., Hotes S., Klotzbücher A., Klotzbücher T., Kühn I., Langerwisch F., Marion G., Moritz R.F.A., Nguyen Q.A., Ott J., Sann C., Sattler C., Schädler M., Schmidt A., Tekken V., Thanh T.D., Thonicke K., Türke M., Václavík T., Vetterlein D., Westphal C., Wiemers M. & Settele J. (2018). The LEGATO cross-disciplinary integrated ecosystem service research framework: an example of integrating research results from the analysis of global change impacts and the social, cultural and economic system dynamics of irrigated rice production. *Paddy and Water Environment*, 16, 287-319.

(46) Wietzke, A., **Westphal, C.**, Gras, P., Kraft, M., Pfohl, K., Karlovsky, P., Pawelzik, E., Tschardt, T. & Smit, I. (2018). Insect pollination as a key factor for strawberry physiology and marketable fruit quality. *Agriculture, Ecosystems & Environment*, 258, 197-204.

(45) Grass, I., Bohle, V., Tschardt, T. & **Westphal, C.** (2018). How plant reproductive success is determined by the interplay of antagonists and mutualists. *Ecosphere*, 9, e02106.

(44) Sann, C., Theodorou, P., Heong, K.L., Villareal, S., Settele, J., Vidal, S. & **Westphal, C.** (2018). Hopper parasitoids do not significantly benefit from non-crop habitats in rice production landscapes. *Agriculture, Ecosystems & Environment*, 254, 224-232.

(43) Hass, A.L., Liese, B., Heong, K.L., Settele, J., Tschardt, T. & **Westphal, C.** (2018). Plant-pollinator interactions and bee functional diversity are driven by agroforests in rice-dominated landscapes. *Agriculture, Ecosystems & Environment*, 253, 140-147.

## 2017

(42) Herbst, C., Arnold-Schwandner, S., Meiners, T., Peters, M.K., Rothenwöhrer, C., Steckel, J., Wäschke, N., **Westphal, C.** & Obermaier, E. (2017). Direct and indirect effects of agricultural intensification on a host-parasitoid system on the ribwort plantain (*Plantago lanceolata* L.) in a landscape context. *Landscape Ecology*, 32, 2015-2028.

(41) Schrader, J., Franzén, M., Sattler, C., Ferderer, P. & **Westphal, C.** (2017). Woody habitats promote pollinators and complexity of plant–pollinator interactions in homegardens located in rice terraces of the Philippine Cordilleras. *Paddy and Water Environment*.

- (40) Hudson, L.N., ..., **Westphal, C.**, ... & Purvis, A. (2017). The database of the PREDICTS (Projecting Responses of Ecological Diversity In Changing Terrestrial Systems) project. *Ecology and Evolution*, 7, 145-188.

## 2016

- (39) Gossner, M.M., Lewinsohn, T., Kahl, T., Grassein, F., Boch, S., Prati, D., Birkhofer, K., Renner, S.C., Sikorski, J., Wubet, T., Arndt, H., Baumgartner, V., Blaser, S., Blüthgen, N., Börschig, C., Buscot, F., Diekötter, T., Jorge, L.R., Jung, K., Keyel, A.C., Klein, A.-M., Klemmer, S., Krauss, J., Lange, M., Müller, J., Overmann, J., Pašalić, E., Penone, C., Perović, D.J., Purschke, O., Schall, P., Socher, S.A., Sonnemann, I., Tschapka, M., Tschardtke, T., Türke, M., Venter, P.C., Weiner, C.N., Werner, M., Wolters, V., Wurst, S., **Westphal, C.**, Fischer, M., Weisser, W.W. & Allan, E. (2016). Land-use intensification causes multitrophic homogenization of grassland communities. *Nature*, 540, 266-269.
- (38) Schlinkert, H., **Westphal, C.**, Clough, Y., Grass, I., Helmerichs, J. & Tschardtke, T. (2016) Plant size affects mutualistic and antagonistic interactions and reproductive success across 21 Brassicaceae species. *Ecosphere*, 7, e01529-n/a.
- (37) Soliveres, S., van der Plas, F., Manning, P., Prati, D., Gossner, M.M., Renner, S.C., Alt, F., Arndt, H., Baumgartner, V., Binkenstein, J., Birkhofer, K., Blaser, S., Blüthgen, N., Boch, S., Böhm, S., Börschig, C., Buscot, F., Diekötter, T., Heinze, J., Hölzel, N., Jung, K., Klaus, V.H., Kleinebecker, T., Klemmer, S., Krauss, J., Lange, M., Morris, E.K., Müller, J., Oelmann, Y., Overmann, J., Pašalić, E., Rillig, M.C., Schaefer, H.M., Schloter, M., Schmitt, B., Schöning, I., Schrupf, M., Sikorski, J., Socher, S.A., Solly, E.F., Sonnemann, I., Sorkau, E., Steckel, J., Steffan-Dewenter, I., Stempfhuber, B., Tschapka, M., Türke, M., Venter, P.C., Weiner, C.N., Weisser, W.W., Werner, M., **Westphal, C.**, Wilcke, W., Wolters, V., Wubet, T., Wurst, S., Fischer, M. & Allan, E. (2016). Biodiversity at multiple trophic levels is needed for ecosystem multifunctionality. *Nature*, 536, 456-459.
- (36) De Palma, A., Abrahamczyk, S., Aizen, M.A., Albrecht, M., Basset, Y., Bates, A., Blake, R.J., Boutin, C., Bugter, R., Connop, S., Cruz-López, L., Cunningham, S.A., Darvill, B., Diekötter, T., Dorn, S., Downing, N., Entling, M.H., Farwig, N., Felicioli, A., Fonte, S.J., Fowler, R., Franzén, M., Goulson, D., Grass, I., Hanley, M.E., Hendrix, S.D., Herrmann, F., Herzog, F., Holzschuh, A., Jauker, B., Kessler, M., Knight, M.E., Kruess, A., Lavelle, P., Le Féon, V., Lentini, P., Malone, L.A., Marshall, J., Pachón, E.M., McFrederick, Q.S., Morales, C.L., Mudri-Stojnic, S., Nates-Parra, G., Nilsson, S.G., Öckinger, E., Osgathorpe, L., Parra-H, A., Peres, C.A., Persson, A.S., Petanidou, T., Poveda, K., Power, E.F., Quaranta, M., Quintero, C., Rader, R., Richards, M.H., Roulston, T.a., Rousseau, L., Sadler, J.P., Samnegård, U., Schellhorn, N.A., Schüepp, C., Schweiger, O., Smith-Pardo, A.H., Steffan-Dewenter, I., Stout, J.C., Tonietto, R.K., Tschardtke, T., Tylanakis, J.M., Verboven, H.A.F., Vergara, C.H., Verhulst, J., **Westphal, C.**, Yoon, H.J. & Purvis, A. (2016). Predicting bee community responses to land-use changes: Effects of geographic and taxonomic biases. *Scientific Reports*, 6, 31153.
- (35) Kämper, W., Werner, P.K., Hilpert, A., **Westphal, C.**, Blüthgen, N., Eltz, T. & Leonhardt, S.D. (2016). How landscape, pollen intake and pollen quality affect colony growth in *Bombus terrestris*. *Landscape Ecology*, 1-14.
- (34) Soliveres, S., Manning, P., Prati, D., Gossner, M.M., Alt, F., Arndt, H., Baumgartner, V., Binkenstein, J., Birkhofer, K., Blaser, S., Blüthgen, N., Boch, S., Böhm, S., Börschig, C., Buscot, F., Diekötter, T., Heinze, J., Hölzel, N., Jung, K., Klaus, V.H., Klein, A.-M., Kleinebecker, T., Klemmer, S., Krauss, J., Lange, M., Morris, E.K., Müller, J., Oelmann, Y., Overmann, J., Pašalić, E., Renner, S.C., Rillig, M.C., Schaefer, H.M., Schloter, M., Schmitt, B., Schöning, I., Schrupf, M., Sikorski, J., Socher, S.A., Solly, E.F., Sonnemann, I., Sorkau, E., Steckel, J., Steffan-Dewenter, I., Stempfhuber, B., Tschapka, M., Türke, M., Venter, P., Weiner, C.N., Weisser, W.W., Werner, M., **Westphal, C.**, Wilcke, W., Wolters, V., Wubet, T., Wurst, S., Fischer, M. & Allan, E. (2016). Locally rare species influence grassland ecosystem multifunctionality. *Philosophical Transactions of the Royal Society B: Biological Sciences*, 371.

## 2015

- (33) **Westphal, C.**, Vidal, S., Horgan, F.G., Gurr, G.M., Escalada, M., Van Chien, H., Tschardtke, T., Heong, K.L. & Settele, J. (2015). Promoting multiple ecosystem services with flower strips and participatory approaches in rice production landscapes. *Basic and Applied Ecology*, 16, 681-689.
- (32) Settele, J., Spangenberg, J.H., Heong, K.L., Burkhard, B., Bustamante, J.V., Cabbigat, J., Chien, H.V., Escalada, M., Grescho, V., Hai, L.H., Harpke, A., Horgan, F.G., Hotes, S., Jahn, R., Kuhn, I., Marquez, L., Schadler, M., Tekken, V., Vetterlein, D., Villareal, S., **Westphal, C.** & Wiemers, M. (2015).

Agricultural landscapes and ecosystem services in South-East Asia-the LEGATO-Project. *Basic and Applied Ecology*, 16, 661-664.

- (31) Gámez-Virués, S., Perović, D.J., Gossner, M.M., Börschig, C., Blüthgen, N., Jong, H.d., Simons, N.K., Klein, A.-M., Krauss, J., Maier, G., Scherber, C., Steckel, J., Rothenwöhler, C., Steffan-Dewenter, I., Weiner, C.N., Weisser, W., Werner, M., Tschardtke, T. & **Westphal, C.** (2015). Landscape simplification filters species traits and drives biotic homogenization. *Nature Communications*, 6, 8568.
- (30) Schlinkert, H., **Westphal, C.**, Clough, Y., Laszlo, Z., Ludwig, M. & Tschardtke, T. (2015). Plant Size as Determinant of Species Richness of Herbivores, Natural Enemies and Pollinators across 21 Brassicaceae Species. *PLoS One*, 10.
- (28) Allan, E., Manning, P., Alt, F., Binkenstein, J., Blaser, S., Bluethgen, N., Bohm, S., Grassein, F., Holzel, N., Klaus, V.H., Kleinebecker, T., Morris, E.K., Oelmann, Y., Prati, D., Renner, S.C., Rillig, M.C., Schaefer, M., Schloter, M., Schmitt, B., Schoning, I., Schrupf, M., Solly, E., Sorkau, E., Steckel, J., Steffen-Dewenter, I., Stempfhuber, B., Tschapka, M., Weiner, C.N., Weisser, W.W., Werner, M., **Westphal, C.**, Wilcke, W. & Fischer, M. (2015). Land use intensification alters ecosystem multifunctionality via loss of biodiversity and changes to functional composition. *Ecology Letters*, 18, 834-843.
- (27) Kleijn, D., Winfree, R., Bartomeus, I., Carvalheiro, L.G., Henry, M., Isaacs, R., Klein, A.-M., Kremen, C., M'Gonigle, L.K., Rader, R., Ricketts, T.H., Williams, N.M., Lee Adamson, N., Ascher, J.S., Baldi, A., Batary, P., Benjamin, F., Biesmeijer, J.C., Blitzer, E.J., Bommarco, R., Brand, M.R., Bretagnolle, V., Button, L., Cariveau, D.P., Chifflet, R., Colville, J.F., Danforth, B.N., Elle, E., Garratt, M.P.D., Herzog, F., Holzschuh, A., Howlett, B.G., Jauker, F., Jha, S., Knop, E., Krewenka, K.M., Le Feon, V., Mandelik, Y., May, E.A., Park, M.G., Pisanty, G., Reemer, M., Riedinger, V., Rollin, O., Rundlof, M., Sardinias, H.S., Scheper, J., Sciligo, A.R., Smith, H.G., Steffan-Dewenter, I., Thorp, R., Tschardtke, T., Verhulst, J., Viana, B.F., Vaissiere, B.E., Veldtman, R., **Westphal, C.** & Potts, S.G. (2015). Delivery of crop pollination services is an insufficient argument for wild pollinator conservation. *Nature Communications*, 6.
- (26) Perović, D., Gámez-Virués, S., Börschig, C., Klein, A.-M., Krauss, J., Steckel, J., Rothenwöhler, C., Erasmi, S., Tschardtke, T. & **Westphal, C.** (2015). Configurational landscape heterogeneity shapes functional community composition of grassland butterflies. *Journal of Applied Ecology*, 52, 505-513.
- (25) Schlinkert, H., **Westphal, C.**, Clough, Y., Ludwig, M., Kabouw, P. & Tschardtke, T. (2015). Feeding damage to plants increases with plant size across 21 Brassicaceae species. *Oecologia*, 1-12.

## 2014

- (24) Allan, E., Bossdorf, O., Dormann, C.F., Prati, D., Gossner, M.M., Tschardtke, T., Blüthgen, N., Bellach, M., Birkhofer, K., Boch, S., Bohm, S., Börschig, C., Chatzinotas, A., Christ, S., Daniel, R., Diekotter, T., Fischer, C., Friedl, T., Glaser, K., Hallmann, C., Hodac, L., Holzel, N., Jung, K., Klein, A.M., Klaus, V.H., Kleinebecker, T., Krauss, J., Lange, M., Morris, E.K., Müller, J., Nacke, H., Pasalic, E., Rillig, M.C., Rothenwöhler, C., Schally, P., Scherber, C., Schulze, W., Socher, S.A., Steckel, J., Steffan-Dewenter, I., Turke, M., Weiner, C.N., Werner, M., **Westphal, C.**, Wolters, V., Wubet, T., Gockel, S., Gorke, M., Hemp, A., Renner, S.C., Schoning, I., Pfeiffer, S., König-Ries, B., Buscot, F., Linsenmair, K.E., Schulze, E.D., Weisser, W.W. & Fischer, M. (2014). Interannual variation in land-use intensity enhances grassland multidiversity. *Proceedings of the National Academy of Sciences of the United States of America*, 111, 308-313.
- (23) Bartomeus, I., Potts, S.G., Steffan-Dewenter, I., Vaissiere, B.E., Woyciechowski, M., Krewenka, K.M., Tscheulin, T., Roberts, S.P.M., Szentgyorgyi, H., **Westphal, C.** & Bommarco, R. (2014). Contribution of insect pollinators to crop yield and quality varies with agricultural intensification. *PeerJ*, 2, e328-e328.
- (22) Klatt, B., Klaus, F., **Westphal, C.** & Tschardtke, T. (2014). Enhancing crop shelf life with pollination. *Agriculture & Food Security*, 3, 14.
- (21) Klatt, B.K., Holzschuh, A., **Westphal, C.**, Clough, Y., Smit, I., Pawelzik, E. & Tschardtke, T. (2014). Bee pollination improves crop quality, shelf life and commercial value. *Proceedings of the Royal Society B-Biological Sciences*, 281, 1471-2954.
- (20) Liu, Y.H., Rothenwöhler, C., Scherber, C., Batary, P., Elek, Z., Steckel, J., Erasmi, S., Tschardtke, T. & **Westphal, C.** (2014). Functional beetle diversity in managed grasslands: effects of region, landscape context and land use intensity. *Landscape Ecology*, 29, 529-540.

- (19) Steckel, J., **Westphal, C.**, Peters, M.K., Bellach, M., Rothenwoehrer, C., Erasmi, S., Scherber, C., Tschardtke, T. & Steffan-Dewenter, I. (2014). Landscape composition and configuration differently affect trap-nesting bees, wasps and their antagonists. *Biological Conservation*, 172, 56-64.

## 2013

- (18) Garibaldi, L.A., Steffan-Dewenter, I., Winfree, R., Aizen, M.A., Bommarco, R., Cunningham, S.A., Kremen, C., Carvalheiro, L.G., Harder, L.D., Afik, O., Bartomeus, I., Benjamin, F., Boreux, V., Cariveau, D., Chacoff, N.P., Dudenhoefter, J.H., Freitas, B.M., Ghazoul, J., Greenleaf, S., Hipolito, J., Holzschuh, A., Howlett, B., Isaacs, R., Javorek, S.K., Kennedy, C.M., Krewenka, K.M., Krishnan, S., Mandelik, Y., Mayfield, M.M., Motzke, I., Munyuli, T., Nault, B.A., Otieno, M., Petersen, J., Pisanty, G., Potts, S.G., Rader, R., Ricketts, T.H., Rundlof, M., Seymour, C.L., Schueepp, C., Szentgyörgyi, H., Taki, H., Tschardtke, T., Vergara, C.H., Viana, B.F., Wanger, T.C., **Westphal, C.**, Williams, N. & Klein, A.M. (2013). Wild pollinators enhance fruit set of crops regardless of honey bee abundance. *Science*, 339, 1608-1611.
- (17) Kennedy, C.M., Lonsdorf, E., Neel, M.C., Williams, N.M., Ricketts, T.H., Winfree, R., Bommarco, R., Brittain, C., Burley, A.L., Cariveau, D., Carvalheiro, L.G., Chacoff, N.P., Cunningham, S.A., Danforth, B.N., Dudenhoefter, J.-H., Elle, E., Gaines, H.R., Garibaldi, L.A., Gratton, C., Holzschuh, A., Isaacs, R., Javorek, S.K., Jha, S., Klein, A.M., Krewenka, K., Mandelik, Y., Mayfield, M.M., Morandin, L., Neame, L.A., Otieno, M., Park, M., Potts, S.G., Rundlof, M., Saez, A., Steffan-Dewenter, I., Taki, H., Viana, B.F., **Westphal, C.**, Wilson, J.K., Greenleaf, S.S. & Kremen, C. (2013). A global quantitative synthesis of local and landscape effects on wild bee pollinators in agroecosystems. *Ecology Letters*, 16, 584-599.
- (16) Klatt, B.K., Burmeister, C., **Westphal, C.**, Tschardtke, T. & von Fragstein, M. (2013). Flower volatiles, crop varieties and bee responses. *PLoS One*, 8.

## 2012

- (15) Tschardtke, T., Tylianakis, J.M., Rand, T.A., Didham, R.K., Fahrig, L., Batary, P., Bengtsson, J., Clough, Y., Crist, T.O., Dormann, C.F., Ewers, R.M., Frund, J., Holt, R.D., Holzschuh, A., Klein, A.M., Kleijn, D., Kremen, C., Landis, D.A., Laurance, W., Lindenmayer, D., Scherber, C., Sodhi, N., Steffan-Dewenter, I., Thies, C., van der Putten, W.H. & **Westphal, C.** (2012). Landscape moderation of biodiversity patterns and processes - eight hypotheses. *Biological Reviews*, 87, 661-685.

## 2011

- (14) Garibaldi, L.A., Steffan-Dewenter, I., Kremen, C., Morales, J.M., Bommarco, R., Cunningham, S.A., Carvalheiro, L.G., Chacoff, N.P., Dudenhoefter, J.H., Greenleaf, S.S., Holzschuh, A., Isaacs, R., Krewenka, K., Mandelik, Y., Mayfield, M.M., Morandin, L.A., Potts, S.G., Ricketts, T.H., Szentgyörgyi, H., Viana, B.F., **Westphal, C.**, Winfree, R. & Klein, A.M. (2011). Stability of pollination services decreases with isolation from natural areas despite honey bee visits. *Ecology Letters*, 14, 1062-1072.
- (13) Moora, M., Berger, S., Davison, J., Öpik, M., Bommarco, R., Bruelheide, H., Kühn, I., Kunin, W.E., Metsis, M., Rortais, A., Vanatoa, A., Vanatoa, E., Stout, J.C., Truusa, M., **Westphal, C.**, Zobel, M. & Walther, G.-R. (2011). Alien plants associate with widespread generalist arbuscular mycorrhizal fungal taxa: evidence from a continental-scale study using massively parallel 454 sequencing. *Journal of Biogeography*, 38, 1305-1317.
- (12) Nielsen, A., Steffan-Dewenter, I., **Westphal, C.**, Messinger, O., Potts, S., Roberts, S., Settele, J., Szentgyörgyi, H., Vaissière, B., Vaitis, M., Woyciechowski, M., Bazos, I., Biesmeijer, J., Bommarco, R., Kunin, W., Tscheulin, T., Lamborn, E. & Petanidou, T. (2011). Assessing bee species richness in two Mediterranean communities: importance of habitat type and sampling techniques. *Ecological Research*, 26, 969-983.

## 2010

- (11) Hammen, V., Biesmeijer, J., Bommarco, R., Budrys, E., Christensen, T., Fronzek, S., Grabaum, R., Jaksic, P., Klotz, S., Kramarz, P., Kröel-Dulay, G., Kühn, I., Mirtl, M., Moora, M., Petanidou, T., Pino, J., Potts, S., Rortais, A., Schulze, C., Steffan-Dewenter, I., Stout, J., Szentgyörgyi, H., Vighi, M., Vujic, A., **Westphal, C.**, Wolf, T., Zavala, G., Zobel, M., Settele, J. & Kunin, W. (2010). Establishment of a cross-European field site network in the ALARM project for assessing large-scale changes in biodiversity. *Environmental Monitoring and Assessment*, 164, 337-348.
- (10) Schweiger, O., Biesmeijer, J.C., Bommarco, R., Hickler, T., Hulme, P.E., Klotz, S., Kuhn, I., Moora, M., Nielsen, A., Ohlemüller, R., Petanidou, T., Potts, S.G., Pyšek, P., Stout, J.C., Sykes, M.T., Tscheulin,

T., Vila, M., Walther, G.R., **Westphal, C.**, Winter, M., Zobel, M. & Settele, J. (2010). Multiple stressors on biotic interactions: how climate change and alien species interact to affect pollination. *Biological Reviews*, 85, 777-795.

## 2009

- (9) Carre, G., Roche, P., Chifflet, R., Morison, N., Bommarco, R., Harrison-Cripps, J., Krewenka, K., Potts, S.G., Roberts, S.P.M., Rodet, G., Settele, J., Steffan-Dewenter, I., Szentgyorgyi, H., Tscheulin, T., **Westphal, C.**, Woyciechowski, M. & Vaissiere, B.E. (2009). Landscape context and habitat type as drivers of bee diversity in European annual crops. *Agriculture Ecosystems & Environment*, 133, 40-47.
- (8) **Westphal, C.**, Steffan-Dewenter, I. & Tscharntke, T. (2009). Mass flowering oilseed rape improves early colony growth but not sexual reproduction of bumblebees. *Journal of Applied Ecology*, 46, 187-193.

## 2008

- (7) Moron, D., Szentgyorgyi, H., Wantuch, M., Celary, W., **Westphal, C.**, Settele, J. & Woyciechowski, M. (2008). Diversity of wild bees in wet meadows: Implications for conservation. *Wetlands*, 28, 975-983.
- (6) Steffan-Dewenter, I. & **Westphal, C.** (2008). The interplay of pollinator diversity, pollination services and landscape change. *Journal of Applied Ecology*, 45, 737-741.
- (5) **Westphal, C.**, Bommarco, R., Carré, G., Lamborn, E., Morison, N., Petanidou, T., Potts, S.G., Roberts, S.P.M., Szentgyörgyi, H., Tscheulin, T., Vaissière, B.E., Woyciechowski, M., Biesmeijer, J.C., Kunin, W.E., Settele, J. & Steffan-Dewenter, I. (2008). Measuring bee biodiversity in different European habitats and biogeographical regions. *Ecological Monographs*, 78, 653-671.

## 2003 - 2007

- (4) Herrmann, F., **Westphal, C.**, Moritz, R.F.A. & Steffan-Dewenter, I. (2007). Genetic diversity and mass resources promote colony size and forager densities of a social bee (*Bombus pascuorum*) in agricultural landscapes. *Molecular Ecology*, 16, 1167-1178.
- (3) **Westphal, C.**, Steffan-Dewenter, I. & Tscharntke, T. (2006). Foraging trip duration of bumblebees in relation to landscape-wide resource availability. *Ecological Entomology*, 31, 389-394.
- (2) **Westphal, C.**, Steffan-Dewenter, I. & Tscharntke, T. (2006). Bumblebees experience landscapes at different spatial scales: possible implications for coexistence. *Oecologia*, 149, 289-300.
- (1) **Westphal, C.**, Steffan-Dewenter, I. & Tscharntke, T. (2003). Mass flowering crops enhance pollinator densities at a landscape scale. *Ecology Letters*, 6, 961-965.

## Research Gate

[https://www.researchgate.net/profile/Catrin\\_Westphal/publications](https://www.researchgate.net/profile/Catrin_Westphal/publications)

## Book chapters and other publications

- Weier S.M., Bringham T., Anders M., Abdulai I., Foord S., Grass I., Lam Q.D., Linden V.M.G., Rötter R.P., **Westphal C.** & Taylor P.J. (2024). Management Options for Macadamia Orchards with Special Focus on Water Management and Ecosystem Services. In: Sustainability of Southern African Ecosystems under Global Change: Science for Management and Policy Interventions (eds. von Maltitz GP, Midgley GF, Veitch J, Brümmer C, Rötter RP, Viehberg FA & Veste M). Springer International Publishing Cham, pp. 625-652.
- Perović, D.J., Gámez-Virués, S., Landis, D.A., Tschardtke, T., Zalucki, M.P., Saura, S., Furlong, M.J., Desneux, N., Sciarretta, A., Balkenhol, N., Schmidt, J.M., Trematerra, P. & **Westphal, C.** (2021). Chapter Three - Broadening the scope of empirical studies to answer persistent questions in landscape-moderated effects on biodiversity and ecosystem functioning. In: Advances in Ecological Research (eds. Bohan, D.A., Dumbrell, A.J. & Vanbergen, A.J.). Academic Press, pp. 109-131.
- Grass I., Wenzel A., Raj V., Subramanya S., Westphal C. & Tschardtke T. (2021). Biodiversity of Birds Along the Rural–Urban Interface of the Indian Megacity Bengaluru. In: The Rural-Urban Interface: An Interdisciplinary Research Approach to Urbanisation Processes Around the Indian Megacity Bengaluru (eds. Hoffmann E, Buerkert A, von Cramon-Taubadel S, Umesh KB, Pethandhalli Shivaraj P & Vazhacharickal PJ). Springer International Publishing Cham, pp. 163-170.
- Manning, P., Loos, J., Barnes, A.D., Batáry, P., Bianchi, F.J.J.A., Buchmann, N., De Deyn, G.B., Ebeling, A., Eisenhauer, N., Fischer, M., Fründ, J., Grass, I., Isselstein, J., Jochum, M., Klein, A.M., Klingenberg, E.O.F., Landis, D.A., Lepš, J., Lindborg, R., Meyer, S.T., Temperton, V.M., **Westphal, C.** & Tschardtke, T. (2019). Transferring biodiversity-ecosystem function research to the management of 'real-world' ecosystems. In: Advances in Ecological Research (eds. Eisenhauer, N., Bohan, D.A. & Dumbrell, A.J.). Academic Press, pp. 323-356.
- Loos, J., Batáry, P., Grass, I., **Westphal, C.**, Bänsch, S., Baillod, A.B., Hass, A.L., Rosa, J. & Tschardtke, T. (2019). Vulnerability of Ecosystem Services in Farmland Depends on Landscape Management. In: Atlas of Ecosystem Services: Drivers, Risks, and Societal Responses (eds. Schröter, M., Bonn, A., Klotz, S., Seppelt, R. & Baessler, C.). Springer International Publishing Cham, pp. 91-96.
- Settele, J., Spangenberg, J.H., Heong, K.L., Kühn, I., Klotz, S., Arida, G., Burkhard, B., Bustamante, J.V., Cabbigat, J., Canh, L.X., Catindig, J.L.A., Van Chien, H., Cuong, L.Q., Escalada, M., Görg, C., Grescho, V., Grossmann, S., Hadi, B.A.R., Hai, L.H., Harpke, A., Hass, A.L., Hirneisen, N., Horgan, F.G., Hotes, S., Jahn, R., Klotzbücher, A., Klotzbücher, T., Langerwisch, F., Magcale-Macandog, D.B., Manh, N.H., Marion, G., Marquez, L., Ott, J., Penev, L., Rodriguez-Labajos, B., Sann, C., Sattler, C., Schädler, M., Scheu, S., Schmidt, A., Schrader, J., Schweiger, O., Seppelt, R., Van Sinh, N., Stoev, P., Stoll-Kleemann, S., Tekken, V., Thonicke, K., Trisyono, Y.A., Truong, D.T., Tuan, L.Q., Türke, M., Václavík, T., Vetterlein, D., Villareal, S.B., **Westphal, C.** & Wiemers, M. (2019). Rice Ecosystem Services in South-East Asia: The LEGATO Project, Its Approaches and Main Results with a Focus on Biocontrol Services. In: Atlas of Ecosystem Services: Drivers, Risks, and Societal Responses (eds. Schröter, M., Bonn, A., Klotz, S., Seppelt, R. & Baessler, C.). Springer International Publishing Cham, pp. 373-382.
- Boch, S., Allan, E., Birkhofer, K., Bossdorf, O., Blüthgen, N., Christ-Breulmann, S., Diekötter, T., Dormann, C.F., Gossner, M.M., Hallmann, C., Hemp, A., Hölzel, N., Jung, K., Klaus, V.H., Klein, A.M., Kleinebecker, T., Lange, M., Müller, J., Nacke, H., Prati, D., Renner, S.C., Rothenwöhrer, C., Schall, P., Schulze, E.-D., Socher, S.A., Tschardtke, T., Türke, M., Weiner, C.N., Weisser, W.W., **Westphal, C.**, Wolters, V., Wubet, T. & Fischer, M. (2016). Extensive und jährlich wechselnde Nutzungsintensität fördert den Artenreichtum im Grünland. ANLiegen Natur, 38, online, [www.anl.bayern.de/publikationen](http://www.anl.bayern.de/publikationen).
- Lakner, S., Brümmer, B., Cramon-Taubadel, S.v., Heß, J., Isselstein, J., Liebe, U., Marggraf, R., Oliver Mußhoff, Theuvsen, L., Tschardtke, T., **Westphal, C.** & Wiese, G. (2012). Der Kommissionsvorschlag zur GAP-Reform 2013 - aus Sicht von Göttinger und Witzenhäuser Agrarwissenschaftler(inne)n. In: Diskussionspapiere. Department für Agrarökonomie und Rurale Entwicklung, Georg-August-Universität Göttingen Göttingen.
- Budrys, E., Ureta, J.A., Briliute, A., Cetkovic, A., Heinrich, S., Kröel-Dulay, G., Moora, M., Potts, S., Rortais, A., Sjödin, E., Szentgyörgyi, H., Torres, I., Vighi, M., **Westphal, C.** & Budriene, A. (2010). Cavity-Nesting Hymenoptera across Europe: a Study in ALARM Project Field Site Network Sites Using Small Trap-Nests on Trees and Buildings. In: *ALARM Atlas* (ed. J., S). PENSOFT Publishers Sofia, Bulgaria.
- Hammen, V.C., Biesmeijer, J.C., Bommarco, R., Budrys, E., Christensen, T.R., Fronzek, S., Grabaum, R., Jaksic, P., Klotz, S., Kramarz, P., Kroel-Dulay, G., Kühn, I., Mirtl, M., Moora, M., Petanidou, T., Pino,

J., Potts, S.G., Rortais, A., Schulze, C.H., Steffan-Dewenter, I., Stout, J., Szentgyörgyi, H., Vighi, M., Vujic, A., **Westphal, C.**, Wolf, T., Zavala, G., Zobel, M., Settele, J. & Kunin, W.E. (2010). The ALARM Field Site Network FSN. In: *ALARM Atlas* (ed. Settele, J). PENSOFT Publishers Sofia, Bulgaria.

**Westphal, C.**, Bommarco, R., Carré, G., Lamborn, E., Morison, N., Petanidou, T., Potts, S.G., Roberts, S.P.M., Szentgyörgyi, H., Tscheulin, T., Vaissière, B.E., Woyciechowski, M., Biesmeijer, J.C., Kunin, W.E., Settele, J. & Steffan-Dewenter, I. (2010). Methods to quantify pollinator loss. In: *ALARM Atlas* (ed. Settele, J). PENSOFT Publishers Sofia, Bulgaria.