

Prof. Dr.-Ing. Thomas Grischek, Publikationsliste 2015-2021

Peer reviewed

- Abd-Elaty, I., Saleh, O.K., Ghanayem, H.M., Grischek, T., Zelenakova, M. (2021) Assessment of hydrologic, geohydraulic and operational conditions at a riverbank filtration site at Embaba, Cairo using flow and transport modeling. *J. Hydrol. Regional Studies* 37, 100900; doi:10.1016/j.ejrh.2021.100900.
- Covatti, G., Grischek, T. (2021) Sources and behavior of ammonium during riverbank filtration. *Water Research* 191, 116788; doi:10.1016/j.watres.2020.116788.
- Adomat, Y., Grischek, T. (2021) Sampling and processing methods of microplastics in river sediments - A review. *Science of The Total Environment* 758, 143691; doi: 10.1016/j.scitotenv.2020.143691.
- Patro, E.R., Voltz, T.J., Kumar, A., Grischek, T. (2020) Micro-hydropower in drinking water gravity pipelines: A case study in Uttarakhand, India. *ISH J. Hydraulic Engineering* 26(3), 332-342; doi:10.1080/09715010.2018.1492977.
- Otter, P., Mette, K., Wesch, R., Gerhardt, T., Krüger, F.-M., Goldmaier, A., Benz, F., Malakar, P., Grischek, T. (2020) Oxidation of selected trace organic compounds through the combination of inline electro-chlorination with UV radiation (UV/ECl₂) as alternative AOP for decentralized drinking water treatment. *J. Water* 12, 3275; doi:10.3390/w12113275.
- Otter, P., Sattler, W., Grischek, T., Jaskolski, M., Mey, E., Ulmer, N., Grossmann, P., Matthias, F., Malakar, P., Goldmaier, A., Benz, F., Ndumwa, C. (2020) Economic evaluation of water kiosks operated with solar driven electro-chlorination in rural regions in Nepal, Egypt and Tanzania. *Wat. Res.* 187, 116384, doi: 10.1016/j.watres.2020.116384.
- Otter, P., Hertel, S., Ansari, J., Lara, E., Cano, R., Arias, C., Gregersen, P., Grischek, T., Benz, F., Goldmaier, A., Alvarez, J.A. (2020) Disinfection for decentralized wastewater reuse in rural areas through wetlands and solar driven onsite chlorination. *Sci. Tot. Environ.* 721, 137595, doi:10.1016/j.scitotenv.2020.137595.
- Kruc, R., Dragon, K., Górska, J., Nagy-Kovács, Z., Grischek, T. (2020) Geohydraulic conditions and post-treatment at riverbank filtration sites in Eastern Europe. *Baltica* 33(1), 97-108, doi:10.5200/baltica.2020.1.9.
- Adomat, Y., Orzechowski, G., Pelger, H., Haas, R., Bartak, R., Nagy-Kovács, Z., Appels, J., Grischek, T. (2020) New methods for microbiological monitoring at riverbank filtration sites. *Water* 12(2), 584, doi:10.3390/w12020584.
- Dillon, P., Stuyfzand, P., Grischek, T., Lluria, M., Pyne, R.D.G., Jain, R.C., Bear, J., Schwarz, J., Wang, W., Fernandez, E., Stefan, C., Pettenati, M., van der Gun, J., Sprenger, C., Massmann, G., Scanlon, B.R., Xanke, J., Jokela, P., Zheng, Y., Rossetto, R., Shamrukh, M., Pavelic, P., Murray, E., Ross, A., Bonilla Valverde, J.P., Palma Nava, A., Ansems, N., Posavec, K., Ha, K., Martin, R., Sapiro, M. (2019) Sixty years of global progress in managed aquifer recharge. *Hydrogeol. J.* 27(1), 1-30, doi:10.1007/s10040-018-1841-z.
- Grischek, T., Beyer, K.-D. (2019) Wolfgang Beyer – A groundwater scientist from Dresden. *Groundwater* 57(6), 980-983. doi:10.1111/gwat.12944
- Grischek, T., Sandhu, C. (2019) Project NIRWINDU helps to realize India's first flood-proof riverbank filtration well. *Water Solutions* 3, 52-54.
- Voltz, T.J., Grischek, T. (2019) Microturbines at drinking water tanks fed by gravity pipelines: A method and Excel tool for maximizing annual energy generation based on historical tank outflow data. *J. Water* 11, 1403; doi:10.3390/w11071403.
- Wahaab, R.A., Salah, A., Grischek, T. (2019) Water quality changes during the initial operating phase of riverbank filtration sites in Upper Egypt. *J. Water* 11, 1258-1275, doi:10.3390/w11061258.
- Paufler, S., Grischek, T., Ruppert, M. (2019) Freisetzung von Mangan nach Umstellung von Brunnen mit unterirdischer Enteisenung auf Dauerbetrieb. *gwf Wasser Abwasser* 160(1), 55-65.
- Nagy-Kovács, Z., Davidesz, J., Czihat-Mártonné, K., Grischek, T. (2019) Water quality changes during riverbank filtration at Budapest, Hungary. *Water* 11, 302; doi:10.3390/w11020302.

Prof. Dr.-Ing. Thomas Grischek, Publikationsliste 2015-2021

- Jaramillo, M., Grischek, T., Boernick, H., Velez, J.I. (2019) Evaluation of riverbank filtration in the removal of pesticides: an approximation using column experiments and contaminant transport modeling. *Clean Technol. Environ. Policy* 21(1), 179-199, doi:10.1007/s10098-018-1627-y.
- Sandhu, C., Grischek, T., Börnick, H., Feller, J., Sharma, S.K. (2019) A water quality appraisal of some existing and potential riverbank filtration sites in India. *Water* 11(2), 215, doi:10.3390/w11020215.
- Otter, P., Malakar, P., Sandhu, C., Grischek, T., Sharma, S.K., Kimothi, P.C., Nüske, G., Wagner, M., Goldmaier, A., Benz, F. (2019) Combination of river bank filtration and solar driven electro-chlorination assuring safe drinking water supply for river bound communities in India. *Water* 11, 122, doi:10.3390/w11010122.
- Werisch, S., Grischek, T. (2018) Wasserwirtschaftlich relevante Änderungen durch den Klimawandel – Aktuelles für die Elbe. *energie wasser praxis* 12, 52-59.
- Glorian, H., Börnick, H., Sandhu, C., Grischek, T. (2018) Water quality monitoring in northern India for an evaluation of the efficiency of bank filtration sites. *Water* 10, 1804, doi:10.3390/w10121804.
- Haas, R., Opitz, R., Grischek, T., Otter, P. (2018) The AquaNES project: Coupling riverbank filtration and ultrafiltration in drinking water treatment. *Water* 11, 18; doi:10.3390/w11010018.
- Nagy-Kovács, Z., László, B., Fleit, E., Czichat-Mártonné, K., Till, G., Börnick, H., Adomat, Y., Grischek, T. (2018) Behaviour of organic micropollutants during river bank filtration in Budapest, Hungary. *Water* 10(12), 1861; doi:10.3390/w10121861.
- Dragon, K., Górska, J., Kruć, R., Drożdżyński, D., Grischek, T. (2018) Removal of natural organic matter and organic micropollutants during riverbank filtration in Krajkowo, Poland. *J. Water* 10(10), 1457, doi:10.3390/w10101457.
- Paufler, S., Grischek, T., Benso, M., Seidel, N., Fischer, T. (2018) The impact of river discharge and water temperature on manganese release from the riverbed during riverbank filtration – A case study from Dresden, Germany. *Water* 10(10), 1476, doi:10.3390/w10101476.
- Paufler, S., Grischek, T. (2018) Herkunft und Verhalten von Mangan bei der Uferfiltration. *Grundwasser* 23(4), 277-296, doi: 10.1007/s00767-018-0401-8.
- D'Alessio, M., Grischek, T., Ray, C. (2018) Water crisis: Bank filtration and aquifer storage and recovery as possible alternative. *J. Hazardous Toxic Radioactive Waste* 22(4), doi: 10.1061/(ASCE)HZ.2153-5515.0000417.
- Ronghang, M., Gupta, A., Mehrotra, I., Kumar, P., Patwal, P. Kumar, S., Grischek, T., Sandhu, C. (2018) Riverbank filtration: a case study of four sites in the hilly regions of Uttarakhand, India. *Sustain. Wat. Res. Managem.* doi: 10.1007/s40899-018-0255-3.
- Musche, F., Sandhu, C., Grischek, T., Patwal, P.S., Kimothi, P.C., Heisler, A. (2018) A field study on the construction of a flood-proof riverbank filtration well in India – challenges and opportunities. *Int. J. of Disaster Risk Reduction* 31, 489-497, doi:10.1016/j.ijdrr.2018.06.003.
- Paufler, S., Grischek, T., Herlitzius, J., Feller, J., Kulakov, V.V. (2018) Manganese release linked to carbonate dissolution during the start-up phase of a subsurface iron removal well in Khabarovsk, Russia. *Sci. Total Environ.* 650(2), 1722-1733, doi: 10.1016/j.scitotenv.2018.09.319.
- Voltz, T., Irmscher, R., Grischek, T., Sandhu, C., Musche, F., Kimothi, P.C., Tyagi, A., Dhamija, S. (2018) Energieeffizienzsteigerung von Trinkwasserpumpen in Uttarakhand, Indien: Fallbeispiel einer deutsch-indischen Zusammenarbeit. *gwf Wasser Abwasser* 159(4), 61-73, ISSN 0016-3651.
- Bartak, R., Grischek, T. (2018) Groundwater abstraction through siphon wells – Hydraulic design and energy savings. *Water* 10, 570; doi:10.3390/w10050570.
- Bartak, R., Grischek, T. (2018) Hydraulische Berechnung von Heberbrunnen. *bbr* 69(4), 64-69.
- Voltz, T., Grischek, T. (2018) Energy Management in the Water Sector – Comparative Case Study of Germany and the United States. *Water-Energy Nexus*, doi:10.1016/j.wen.2017.12.001

Prof. Dr.-Ing. Thomas Grischek, Publikationsliste 2015-2021

- Ghodeif, K., Paufler, S., Grischek, T., Wahaab, R., Souaya, E., Bakr, M., Abogabal, A. (2018) Riverbank filtration in Cairo, Egypt - part I: Installation of a new riverbank filtration site and first monitoring results. *Environ. Earth Sci.* 77(7), 270, doi:10.1007/s12665-018-7450-2.
- Paufler, S., Grischek, T., Bartak, R., Ghodeif, K., Wahaab, R., Boernick, H. (2018) Riverbank filtration in Cairo, Egypt - Part II: Detailed investigation of a new riverbank filtration site with a focus on manganese. *Environ. Earth Sci.* 77(8), 318, doi:10.1007/s12665-018-7500-9.
- Paufler, S., Grischek, T., Adomat, Y., Herlitzius, J., Hiller, K., Metelica, Y. (2018) Effective range of chlorine transport in an aquifer during disinfection of wells: from laboratory experiments to field application. *J. Hydrol.* 559, 711-720.
- Sandhu, C., Grischek, T., Musche, F., Macheleidt, W., Heisler, A., Handschak, J., Patwal, P.S., Kimothi, P.C. (2017) Measures to mitigate direct flood-risks at riverbank filtration sites with a focus on India. *Sustain. Wat. Res. Managem.* 4(2), 237-249, doi:10.1007/s40899-017-0146-z.
- Voltz, T., Grischek, T., Musche, F. (2017) Case studies in energy management: Experience from Germany. *JAWWA* 109(12), 28, doi:10.5942/jawwa.2017.109.0123.
- Ahrns, J., Bartak, R., Grischek, T., Pörschke, R. (2017) Hydraulische Optimierung des Reaktionsraumes um einen Infiltrationsbrunnen zur unterirdischen Enteisenung. Feldversuche und numerische Simulation zur Planung der optimalen Verfahrensergiebigkeit (Teil 1/2), *Grundwasser* 22, 253-266, doi:10.1007/s00767-017-0368-x.
- Bartak, R., Macheleidt, W., Ahrns, J., Grischek, T. (2017) Hydraulische Optimierung des Reaktionsraumes um einen Infiltrationsbrunnen zur unterirdischen Enteisenung. Durchführung eines Feldversuchs mit Infiltrationssteuerung (Teil 2/2), *Grundwasser* 22, 267-275, doi:10.1007/s00767-017-0369-9.
- Romero-Esquivel, L.G., Grischek, T., Pizzolatti, B.S., Mondardo, R.I., Sens, M.L. (2017) Bank filtration in a coastal lake in South Brazil: water quality, natural organic matter (NOM) and redox conditions study. *Clean Techn Environ Policy* 8, doi:10.1007/s10098-017-1382-5.
- Kunz, S., Romero-Esquivel, L.G., Otter, P., Feistel, U., Grischek, T., Valverde-Cerdas, J., Feller, J. (2017) Treatment of arsenic-contaminated water using in-line electrolysis, co-precipitation and filtration in Costa Rica. *Wat. Sci. Technol. – Water Supply* 18(1), 40-48, doi:10.2166/ws.2017.089.
- Otter, P., Malakar, P., Jana, B.B., Grischek, T., Benz, F., Goldmaier, A., Feistel, U., Jana, J., Lahiri, S., Alvarez, J.A. (2017) Arsenic removal from groundwater by solar driven inline-electrolytic induced co-precipitation and filtration – A long term field test conducted in West Bengal. *Int. J. Environ. Res. Public Health* 14(10), 1167.
- Grischek, T., Paufler, S. (2017) Prediction of iron release during riverbank filtration. *J. Water* 9(5), 317, 1-13, doi:10.3390/w9050317.
- Krishan, G., Singh, S., Sharma, A., Sandhu, C., Grischek, T., Ghosh, N.C., Gurjar, S., Kumar, S., Singh, R.P., Glorian, H., Boernick, H. (2016) Assessment of river quality for river bank filtration along Yamuna River in Agra-Mathura districts of Uttar Pradesh. *Int. J. on Environ. Sciences* 7(1), 56-67, ISSN 09764534.
- Bartak, R., Macheleidt, W., Grischek, T. (2017) Controlling the formation of the reaction zone around an injection well during subsurface iron removal. *Water* 9, 87, 1-13, doi:10.3390/w9020087.
- Feistel, U., Otter, P., Kunz, S., Grischek, T., Feller, J. (2016) Field tests of a small pilot plant for the removal of arsenic in groundwater using coagulation and filtering. *Water Process Engineering* 14, 77-85, doi:10.1016/j.jwpe.2016.10.006.
- Grischek, T., Bartak, R. (2016) Riverbed clogging and sustainability of riverbank filtration. *Water* 8(12), 604; 1-12, doi:10.3390/w8120604.
- Voltz, T., Musche, F., Pötzsch, U., Hälsig, R., Bahner, P., Jungmann, C., Eichler, A., Marx, A., Radisch, M., Grischek, T. (2016) Energiemanagementsystem für den Zweckverband Wasserver- und Abwasserentsorgung „Mittleres Erzgebirgsvorland“ (ZWA) Hainichen. *gwf Wasser Abwasser* 157(10), 921-932.

Prof. Dr.-Ing. Thomas Grischek, Publikationsliste 2015-2021

- Ghodeif, K., Grischek, T., Bartak, R., Wahaab, R., Herlitzius, J. (2016) Potential of river bank filtration (RBF) in Egypt. *Environ. Earth Sci.* 75, 671, doi:10.1007/s12665-016-5454-3.
- Klotz, M., Otter, P., Feistel, U., Feller, J., Grischek, T. (2016) Untersuchungen zur elektrolytischen Oxidation von Arsen(III) im Grundwasser und anschließenden Adsorption und Filterung. *Vom Wasser* 114(3), 102-106.
- Sandhu, C., Grischek, T., Ronghang, M., Mehrotra, I., Kumar, P., Ghosh, N.C., Rao, Y.R.S., Chakraborty, B., Patwal, P.S., Kimothi, P.C. (2015) Overview of bank filtration in India and the need for flood-proof RBF systems. In: Wintgens, T., Nättorp, A., Lakshmanan, E., Asolekar, S.R. (eds.) *Saph Pani – Enhancement of natural water systems and treatment methods for safe and sustainable water supply in India*. IWA Publ., London, UK, ISBN 9781780407104, 17-37.
- Kloppmann, W., Sandhu, C., Groeschke, M., Pandian, R.S., Picot-Colbeau, G., Fahimuddin, M., Ahmed, S., Alazard, M., Amerasinghe, P., Bhola, P., Boisson, A., Elango, L., Feistel, U., Fischer, S., Ghosh, N.C., Grischek, T., Grütmacher, G., Hamann, E., Nair, I.S., Jampani, M., Mondal, N.C., Monninkhoff, B., Pettenati, M., Rao, S., Sarah, S., Schneider, M., Sklorz, S., Thiery, D., Zabel, A. (2016) Modelling of natural water treatment systems in India: Learning from the Saph Pani case studies. In: Wintgens, T., Nättorp, A., Lakshmanan, E., Asolekar, S.R. (eds.) *Saph Pani – Enhancement of natural water systems and treatment methods for safe and sustainable water supply in India*. IWA Publ., London, UK, ISBN 9781780407104, 227–250.
- Sharma, S.K., Sandhu, C., Grischek, T., Gupta, A., Kumar, P., Mehrotra, I., Grütmacher, G., Sajilkumar, P.J., Elango, L., Ghosh, N.C. (2016) Pre- and Post-treatment of BF and MAR in India: Present and Future. In: Wintgens, T., Nättorp, A., Lakshmanan, E., Asolekar, S.R. (eds.) *Saph Pani – Enhancement of natural water systems and treatment methods for safe and sustainable water supply in India*. IWA Publ., London, UK, ISBN 9781780407104, 191-206.
- Bartak, R., Grischek, T., Hoche, D. (2015) MAR with untreated river water: Clogging of basins and coliform removal rates. *J. Hydrol. Eng.* 20(3), B4014001, 10.1061/(ASCE)HE.1943-5584.0000980.
- Bartak, R., Page, D., Sandhu, C., Grischek, T., Saini, B., Mehrotra, I., Jain, C.K., Ghosh, N.C. (2015) Application of risk-based assessment and management to riverbank filtration sites in India. *Journal of Water and Health* 13(1), 174-189, doi:10.2166/wh.2014.075.
- Grischek, T., Winkelkemper, T., Ebermann, J., Herlitzius, J. (2015) Small scale subsurface iron removal in Germany. Proc. 5th Conf. Geoindo, 23.-24.11.2015, Khon Kaen, 6 p.
- Pholkern, K., Srisuk, K., Grischek, T., Soares, M., Schäfer, S., Archwichai, L., Saraphirom, P., Pavelic, P., Wirojanagud, W. (2015) Riverbed clogging experiments at potential river bank filtration sites along the Ping River, Chiang Mai, Thailand. *Environ. Earth Sci.* 73(12), 7699-7709.
- Gupta, A., Ronghang, M., Kumar, P., Mehrotra, I., Kumar, S., Grischek, T., Sandhu, C., Knoeller, K. (2015) Nitrate contamination of riverbank filtrate at Srinagar, Uttarakhand, India: A case of geogenic mineralization. *J. Hydrol.* 531(3), 626-637.
- Gupta, A., Singh, H., Ahmed, F., Mehrotra, I., Kumar, P., Kumar, S., Grischek, T., Sandhu, C. (2015) Lake bank filtration in landslide debris: irregular hydrology with effective filtration. *Sustain. Water Resour. Manag.* 1(1), 15-26, DOI 10.1007/s40899-015-0001-z
- Bartak, R., Grischek, T., Ghodeif, K.O., Wahaab, R.A. (2015) Shortcomings of the RBF pilot site in Dishna, Egypt. *J. Hydrol. Eng.* 20(9), 050140331-1-8, doi:10.1061/(ASCE)HE.1943-5584.0001137.

Prof. Dr.-Ing. Thomas Grischek, Publikationsliste 2015-2021

Not reviewed

- Klügel, S., Grischek, T., Michael, S. (2021) Bemessungsgrundlagen für die Gleisentwässerung. Eisenbahningenieur 5, 24-27.
- Schirrmeister, S., Kurzweg, L., Adomat, Y., Faist, S., Harzdorf, J., Bauer, R., Socher, M., Grischek, T., Harre, K. (2021) Die Entwicklung eines Analyseverfahrens für Mikroplastik in Sedimenten mittels elektrostatischer Separation und thermodynamischem Fingerabdruck. Mitteilungen Fachgruppe Umweltchemie und Ökotoxikologie, 2, 44–47, https://www.gdch.de/fileadmin/downloads/Netzwerk_und_Strukturen/Fachgruppen/Umweltchemie_Oekotoxikologie/mblatt/2021/heft221.pdf
- Adomat, Y., Frenzel, S., Grischek, T., Harre, K., Bauer, R., Simon F. (2020) Mikroplastik in sächsischen Gewässersedimenten - Projekt VEMIWA. Proc. Jahrestagung der Wasserchem. Gesell., 438-441.
- Sandhu, C., Grischek, T., Gopal, K., Ghosh, N.C., Kimothi, P.C., Kumar, S., Sharma, S.K. (2020) Masterplan for riverbank filtration in India to mitigate climate change effects and groundwater overexploitation. Proc. XIV World Aqua Congress, 29-30 Oct. 2020, 36-49.
- Gopal, K., Ghosh, N.C., Singh, S., Grischek, T., Sandhu, C., Bornick, H., Kumar, S. (2020) Implementation of river bank filtration technology in Agra, India. In: Proc. XIV World Aqua Congress, 29-30 Oct. 2020, 99-112.
- Schellhammer, S., Reimann, T., Walther, M., Grischek, T. (2019) Lehren und Lernen: Bildung im Diskurs. Grundwasser 24, 175-176, <https://doi.org/10.1007/s00767-019-00425-y>.
- Grischek, T. (2019) Wasserwirtschaft in Lehre und Forschung an der HTW Dresden. Proc. 5. Sächsische Trinkwassertagung. 03.09.2019, Dresden, 15-22.
- Grischek, T., Bartak, R., Wotha, N., Musche, F., Schwabe, F. (2019) Grundwasseranreicherung mit Sickerschlitzgräben. Proc. 5. Sächsische Trinkwassertagung. 03.09.2019, Dresden, 37-40.
- Orzechowski, G., Grischek, T. (2018) Mikrobiologische Grundwasseruntersuchungen im Feld. Proc. Tagung Grundwassermanagement und -probennahme, Sächs. Landesstiftung Natur und Umwelt, Akademie, 27.-29.09.2018, Torgau, 21-25.
- Paufler, S., Adomat, Y., Grischek, T. (2018) Versuche zur Chlorzehrung bei der Infiltration von natriumhypochlorithaltigem Wasser in einen Brunnen. Proc. Jahrestagung der Wasserchem. Gesell., 7.-9.05.2018, Papenburg, ISBN 978-3947197057, 392-396.
- Paufler, S., Benso, M., Seidel, N., Grischek, T. (2018) Auswaschung oder Eintrag von Mangan bei der Uferfiltration? Proc. 26. Fachtagung der Fachsektion Hydrogeologie der DGGV e.V., 21.-24.03.2018, Bochum, ISSN 16198050, 109.
- Bartak, R., Grischek, T. (2018) Energieeffizienter Betrieb von Brunnen im Heberbetrieb. Proc. 26. Fachtagung der Fachsektion Hydrogeologie der DGGV e.V., 21.-24.03.2018, Bochum, ISSN 16198050, 206.
- Musche, F., Grischek, T., Uhlmann, W. (2018) Erkundung eisenreicher Hot Spots im Grundwasserzustrom von Fließgewässern in der Lausitz. Proc. 26. Fachtagung der Fachsektion Hydrogeologie der DGGV e.V., 21.-24.03.2018, Bochum, ISSN 16198050, 107.
- Voltz, T., Monse, M., Grischek, T. (2018) Energieeffizienter Betrieb von Brunnengruppen. Proc. 26. Fachtagung der Fachsektion Hydrogeologie der DGGV e.V., 21.-24.03.2018, Bochum, ISSN 16198050, 212.
- Grischek, T., Paufler, S., Paul, K.F., Weber, B. (2018) Erweiterung des Anwendungsbereiches der k_f -Wert-Berechnungsformel nach BEYER & SCHWEIGER (1969). Proc. 26. Fachtagung der Fachsektion Hydrogeologie der DGGV e.V., 21.-24.03.2018, Bochum, ISSN 16198050, 208.
- Kulakov, V., Steblevsky, V., Herlitzius, J., Grischek, T. (2016) Planning and design of river bank filtration and subsurface iron removal. Water Forum BRICS 29.-30.09.2016, Moscow.
- Musche, F., Paufler, S., Grischek, T., Uhlmann, W. (2016) Detection of iron-rich groundwater "hot spots" entering streams in Lusatia. Proc. Int. Mining Water Association Conf. Mining meets Water – Conflicts and Solutions, 11.-15.06.2016, Leipzig.

Prof. Dr.-Ing. Thomas Grischek, Publikationsliste 2015-2021

- Grischek, T., Feistel, U., Musche, F., Ebermann, J., Uhlmann, W. (2016) Hydrochemische Bewertung der unterirdischen Enteisenung in Schleife. Proc. Jahrestagung der Wasserchem. Gesell., 2.-4.05.2016, Bamberg, ISBN 978-3936028942, 332-336.
- Grischek, T., Sandhu, C., Bartak, R., Musche, F. (2016) Investigations on the risks from floods to RBF sites. Proc. Workshop on Aerobic spores & other microbial indicators to determine ground water under the direct influence of surface water (GWUDI), 06.-08.09.2016, Riverside, USA.
- Klotz, M., Otter, P., Feistel, U., Feller, J., Grischek, T. (2016) Untersuchungen zur elektrolytischen Oxidation von Arsen(III) im Grundwasser und anschließender Adsorption und Filterung. Proc. Jahrestagung der Wasserchem. Gesell., 2.-4.05.2016, Bamberg, ISBN 978-3936028942, 548-551.
- Opala, P., Kilian, A., Grafe, P., Tiepmar, J., Grischek, T., Sandhu, C., Gupta, A., Kumar, P., Kimothi, P.C. (2016) Robust and low-cost disinfection measures and water-tightness methods for urban water supply RBF wells in India. Proc. Indo-German Conf. on Sustainability, 27.-28.02.2016, Chennai, 41-42.
- Grischek, T., Sandhu, C., Ghosh, N.C., Kimothi, P.C. (2016) A conceptual master plan for RBF water supply in India – Science, policy and implementation aspects. Proc. Indo-German Conf. on Sustainability, 27.-28.02.2016, Chennai, 54-55.
- Sandhu, C., Grischek, T., Voltz, T., Schmidt, W., Boernick, H., Kumar, P., Kimothi, P.C. (2016) Riverbank filtration for year-round urban water supply in India. Proc. Indo-German Conf. on Sustainability, 27.-28.02.2016, Chennai, 56-57.
- Sandhu, C., Grischek, T., Feistel, U., Fischer, S., Ghosh, N.C., Patwal, P.S., Kimothi, P.C. (2015) Pathways and mitigation of bacteriological contamination by floods to riverbank filtration wells in Uttarakhand, India. Proc. 42nd IAH Congress AQUA 2015, 13-18 Sept. 2015, Rome, 29.
- Ebermann, J., Laurisch, J., Kühne, M., Grischek, T. (2015) Laboratory experiments on chemical well rehabilitation. Proc. 42nd IAH Congress AQUA 2015, 13-18 Sept. 2015, Rome, 171.
- Paufler, S., Grischek, T. (2015) Sources and behavior of manganese during riverbank filtration. Proc. 42nd IAH Congress AQUA 2015, 13-18 Sept. 2015, Rome, 246.
- Musche, F., Ebermann, J., Grischek, T., Uhlmann, W. (2015) Scale and costs of field site experiments on subsurface iron removal. Proc. 42nd IAH Congress AQUA 2015, 13-18 Sept. 2015, Rome, 433.
- Jaramillo, M., Grischek, T., Boernick, H., Velez, J.I. (2015) Potential of riverbank filtration in the removal of pesticides. Proc. 42nd IAH Congress AQUA 2015, 13-18 Sept. 2015, Rome, 470.
- Grischek, T., Ahrns, J., Bartak, R., Herlitzius, J. (2015) Coupling riverbank filtration and subsurface iron removal – Pros and cons. Proc. 42nd IAH Congress AQUA 2015, 13-18 Sept. 2015, Rome, 482.
- Sandhu, C., Grischek, T., Ghosh, N.C., Kimothi, P.C. (2015) Strengthening the link between research and civil society for the propagation of riverbank filtration for drinking water production in India. Proc. 42nd IAH Congress AQUA 2015, 13-18 Sept. 2015, Rome, 538.
- Patwal, P.S., Sandhu, C., Grischek, T., Kumar, A., Kimothi, P.C. (2015) An integrated approach using non-invasive techniques for the identification of potential riverbank filtration sites in mountainous regions. Proc. 42nd IAH Congress AQUA 2015, 13-18 Sept. 2015, Rome, 752.
- Grischek, T., Ebermann, J., Ellmann, H. (2015) Untersuchungen zur potenziellen P-Freisetzung bei einer Wiedervernässung von Moorflächen im Einzugsgebiet des Lindower Rhin. Proc. DWA-Innovationsforum, Landesverbandstagung, 07.05.2015, Chemnitz, 42-48.
- Voltz, T., Musche, F., Grischek, T. (2015) Spannungsbögen beim Aufbau eines Energie-managementsystems (EnMS) für den ZWA Hainichen. Proc. DVGW-Jahrestagung Landesgruppe Mitteldeutschland, 24.04.2015, Magdeburg.
- Musche, F., Voltz, T., Grischek, T. (2015) Energiemanagement in der Wasserversorgung - Praxisbeispiele, Proc. 3. Sächsische Trinkwassertagung, 24.09.2015, HTW Dresden, 43-46.