

Publications

Publications

Nürnberg, G.K. 2025. Lake Functioning: Internal Phosphorus Loading, Cyanobacteria, and Climate Change. CRC Press. 298 p. www.routledge.com/9781032294407

Tammeorg, O., **Nürnberg, G.**, Horppila, J., Tammeorg, P., Jilbert, T., Nöges, P., 2024. Linking sediment geochemistry with catchment processes, internal phosphorus loading and lake water quality. *Water Research* 263, 122157. <https://doi.org/10.1016/j.watres.2024.122157>

Tammeorg, O., **Nürnberg, G.**, Tönno, I., Toom, L., Nöges, P., 2024. Spatio-temporal variations in sediment phosphorus dynamics in a large shallow lake: Mechanisms and impacts of redox-related internal phosphorus loading. *Science of The Total Environment* 907, 168044. <https://doi.org/10.1016/j.scitotenv.2023.168044>

Tammeorg, O., Chorus, I., Spears, B., Nöges, P., **Nürnberg, G.**, Tammeorg, P., Søndergaard, M., Jeppesen, E., Paerl, H., Huser, B., Horppila, J., Jilbert, T., Budzynska, A., Dondajewska-Pielka, R., Goldyn, R., Haasler, S., Hellsten, S., Härkönen, L.H., Kiani, M., Kozak, A., Kotamäki, N., Kowalczywska-Madura, K., Newell, S., Nurminen, L., Nöges, T., Reitzel, K., Rosinska, J., Ruuhijärvi, J., Silvonen, S., Skov, C., Vazic, T., Ventelä, A., Waajen, G., Lüring, M., 2023. Sustainable lake restoration: From challenges to solutions. *WIREs Water* e1689. <https://doi.org/10.1002/wat2.1689>

Tammeorg, O., **Nürnberg, G.**, Tönno, I., Kisand, A., Tuvikene, L., Nöges, T., Nöges, P., 2022a. Sediment phosphorus mobility in Vörtsjärv, a large shallow lake: Insights from phosphorus sorption experiments and long-term monitoring. *Science of The Total Environment* 154572.

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Tammeorg, O., **Nürnberg, G.**, Horppila, J., Haldna, M., Niemistö, J., 2020a. Redox-related release of phosphorus from sediments in large and shallow Lake Peipsi: Evidence from sediment studies and long-term monitoring data. *Journal of Great Lakes Research* 46, 1595-1603. <https://doi.org/10.1016/j.jglr.2020.08.023>

Tammeorg, O., **Nürnberg, G.**, Niemistö, J., Haldna, M., Horppila, J., 2020b. Internal phosphorus loading due to sediment anoxia in shallow areas: implications for lake aeration treatments. *Aquatic Sciences* 82. <https://doi.org/10.1007/s00027-020-00724-0>

Ventelä, A.-M., Ekholm, P., Kirkkala, T., Lehtoranta, J., **Nürnberg, G.K.**, Tarvainen, M., Sarvala, J., 2020. A review of internal phosphorus loading evidence in Säkylän Pyhäjärvi, Finland. In 'A.D. Steinman and B.M. Spears (Eds.), *Internal Phosphorus Loading: Causes, Case Studies, and Management*' 'Chapter 18'. J. Ross Publishing, Plantation, FL, pp. 345-357.

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