

Publication list

Naicheng Wu

1. **Naicheng Wu**, Claas Faber, Xiuming Sun, Yueming Qu, Chao Wang, Snjezana Ivetic, Tenna Riis, Uta Ulrich and Nicola Fohrer. 2016. Importance of sampling frequency when collecting diatoms. *Scientific Reports* 6: 36950.
2. Chao Wang, Xinhui Li, Xiangxiu Wang, **Naicheng Wu**, Zini Lai, Qianfu Liu and Sovan Lek. 2016. Spatial-temporal patterns and predictions of phytoplankton assemblages in a subtropical river delta system. *Fundamental and Applied Limnology* 187: 335-349.
3. Xiaoyu Dong, Xinghuan Jia, Wanxiang Jiang, **Naicheng Wu**, Tao Tang and Qinghua Cai. 2015. Development and testing of a diatom-based index of biotic integrity for river ecosystems impacted by acid mine drainage in Gaolan river, China. *Fresenius Environmental Bulletin* 24: 4114-4124.
4. **Naicheng Wu**, Qinghua Cai and Nicola Fohrer. 2014. Contribution of micro-spatial factors to benthic diatom communities. *Hydrobiologia* 732: 49-60.
5. **Naicheng Wu**, Britta Schmalz and Nicola Fohrer. 2014. Study progress in riverine phytoplankton and its use as bio-indicator – a review. *Austin Journal of Hydrology* 1(1):9.
6. **Naicheng Wu**, Jiacong Huang, Britta Schmalz and Nicola Fohrer. 2014. Modeling daily chlorophyll *a* dynamics in a German lowland river using artificial neural networks and multiple linear regression approaches. *Limnology* 15(1): 47-56.
7. Tao Tang, **Naicheng Wu**, Fengqing Li, Xiaocheng Fu and Qinghua Cai. 2013. Disentangling the roles of spatial and environmental variables in shaping benthic algal assemblages in rivers of central and northern China. *Aquatic Ecology* 47: 453-466.
8. **Naicheng Wu**, Qinghua Cai and Nicola Fohrer. 2012. Development and evaluation of a diatom-based index of biotic integrity (D-IBI) for rivers impacted by run-of-river dams. *Ecological Indicators* 18: 108-117.
9. **Naicheng Wu**, Britta Schmalz and Nicola Fohrer. 2012. Development and testing of a phytoplankton index of biotic integrity (P-IBI) for a German lowland river. *Ecological Indicators* 13(1): 158-167.
10. Fengqing Li, Qinghua Cai, Xiaodong Qu, Tao Tang, **Naicheng Wu**, Xiaocheng Fu, Shugui Duan and Sonja C. Jähnig. 2012. Characterizing macroinvertebrate communities across China: Large-scale implementation of a self-organizing map. *Ecological Indicators* 23: 394-401.
11. **Naicheng Wu**, Britta Schmalz and Nicola Fohrer. 2011. A comparison of phytoplankton assemblages generated by two sampling protocols in a lowland catchment, Germany. *Annales de Limnologie / International Journal of Limnology* 47(4): 313-323.
12. **Naicheng Wu**, Britta Schmalz and Nicola Fohrer. 2011. Distribution of phytoplankton in a lowland river, Germany, in relation to environmental factors. *Journal of Plankton Research* 33(5): 807-820.
13. **Naicheng Wu**, Tao Tang, Xiaocheng Fu, Wanxiang Jiang, Fengqing Li, Shuchan Zhou, Qinghua Cai and Nicola Fohrer. 2010. Impacts of cascade run-of-river dams on benthic diatoms in the Xiangxi River, China. *Aquatic Sciences* 72: 117-125.
14. **Naicheng Wu**, Wanxiang Jiang, Xiaocheng Fu, Shuchan Zhou, Fengqing Li, Qinghua Cai and Nicola Fohrer. 2010. Temporal impacts of a small hydropower plant on benthic algal community. *Fundamental and Applied Limnology / Archiv für Hydrobiologie* 177(4): 257-266.
15. Xiaodong Qu, **Naicheng Wu**, Tao Tang, Qinghua Cai and Young-Seuk Park. 2010. Effects of heavy metals on benthic macroinvertebrate communities in high mountain streams. *Annales de Limnologie / International Journal of Limnology* 46(4): 291-302.
16. **Naicheng Wu**, Tao Tang, Shuchan Zhou, Xinghuan Jia, Daofeng Li, Ruiqiu Liu and Qinghua Cai. 2009. Changes in benthic algal communities following construction of a run-of-river dam. *Journal of the North American Bentholological Society* 28(1): 69-79.
17. **Naicheng Wu**, Tao Tang, Xiaodong Qu and Qinghua Cai. 2009. Spatial distribution of benthic algae in the Gangqu River, Shangrila, China. *Aquatic Ecology* 43: 37-49.
18. **Naicheng Wu**, Tao Tang, Daofeng Li, Ruiqiu Liu, Ming Cao and Qinghua Cai. 2009. Benthic algal communities in Jinping reach of Yalong River and its main tributaries in relation to environmental variables. *Acta Ecologica Sinica* 29(4): 1697-1703.
19. **Naicheng Wu**, Yaoyang Xu, Tao Tang, Wanxiang Jiang, Liang Huang, Daofeng Li and Qinghua Cai. 2008. Spatio-temporal pattern of phytoplankton in estuarial reach of Daqinghe river – inflow river of Dianchi Lake. *Ecological Science* 27(4): 212-216.
20. Shuchan Zhou, Tao Tang, **Naicheng Wu**, Xiaocheng Fu and Qinghua Cai. 2008. Impacts of a small dam on riverine zooplankton. *International Review of Hydrobiology* 93: 297-311.
21. **Naicheng Wu**, Qinghua Cai, Tao Tang and Xiaodong Qu. 2007. Benthic algae of the Gangqu River, Shangrila, China. *Journal of Freshwater Ecology* 22 (1): 151-153.
22. **Naicheng Wu**, Tao Tang, Shuchan Zhou, Xiaocheng Fu, Wanxiang Jiang, Fengqing Li and Qinghua Cai. 2007. Influence of cascaded exploitation of small hydropower on phytoplankton in Xiangxi River. *Chinese Journal of Applied Ecology* 18(5): 1091-1096.