

Curriculum vitae

Academic & professional career

2010-today: researcher at FEM-CRI, hydrobiology unit

2007-2010: post-doc at FEM (title: response of lakes from the Trentino province to climate change: temperature effects and popular science (CERCA) sponsored by PAT; 150 000€)

July 2007: PhD (supervisor Ao. Univ.-Prof. Dr. Ruben Sommaruga; University of Innsbruck (A), Department of Ecology); thesis title: taxonomical and ecological aspects of planktonic rotifers in Lake Tovel

November 1998: Magistra rerum naturalium (supervisor Ao. Univ.-Prof. Dr. Paul Illmer; University of Innsbruck (A), Department of Microbiology); thesis title: Effects of aluminium availability and other abiotic factors on the soil microflora of acid Tyrolean soils in relation to forest's health

Reviewer engagements

Reviewer for 28 journals

Aquatic Ecology, Chinese Journal of Oceanology and Limnology, Diversity, Ecology and Evolution, European Journal of Protistology, Freshwater Biology, Frontiers, Functional Ecology, Hydrobiologia, International Review of Hydrobiology, Knowledge and Management of Aquatic Ecosystems, Journal of Visualized Experiments, Journal of Oceanology and Limnology, Journal of Inland Waters, Italian Journal of Zoology, Journal of Limnology, Journal of Plankton Research, JGR-Biogeosciences, Limnologica, Limnology and Oceanography, Limnology and Oceanography Letters, Molecular Ecology, PlosOne, Scientific Reports, Science of the Total Environment, Tropical Ecology, Water, Zootaxa, Zoological Journal of the Linnean Society.

Editorial Activity

Associate Editor for Limnology

Editorial Board for Freshwater Biology

Involvement in

GLEON (Global Lake Ecological Observatory Network)

GLTC (Global Lake Temperature Collaboration)

SIL (International Society of Limnology)

BioAlpec-NBFC (National Biodiversity Future Center)

Webpage

<https://lter-tovel.fmach.it/>

Orchid

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Published articles in peer reviewed journals: > 50

List of the six most recent and important ones

Reinl, K., Harris, T., North, R., Almela, P., Berger, S., Bizic, M., Burnet, S., Urrutia-Cordero, P., Grossart, H.P., Ibelings, B., Jakobsson, E., Knoll, L., Lafrancois, B., McElarney, Y., Morales-Williams, A., **Obertegger, U.**, Peierls, B., Rusak, J., Sarkar, S., Sharma, S., Trout-Haney, J., Venkiteswaran, J., Wain, D., Warner, K., Weyhenmeyer, G. and Yokota, K. 2023. Blooms also like it cold. *Limnology and Oceanography Letters*. In press. (2023)

Weyhenmeyer G.A., **U. Obertegger**, H. Rudebeck, E. Jakobsson, J. Jansen, G. Zdrovennova, S. Bansal, B. D. Block, C. C. Carey, Jonathan P. Doubek, H. Dugan, O. Erina, I. Fedorova, J. M. Fischer, L. Grinberga, H.-P. Grossart, Külli Kangur, L. B. Knoll, Alo Laas, F. Lepori, J. Meier, N. Palshin, M. Peternell, M. Pulkkanen, J. A. Rusak, S. Sharma, D. Wain & R. Zdrovennov. Towards critical white ice conditions in lakes under global warming. (2022). *Nature Communications* 13, 4974 <https://doi.org/10.1038/s41467-022-32633-1>

Obertegger, U., Flaim, G. (2021) A 40-year perspective of an alpine lake: is everything the same? *Limnologica*, 91, November 2021, 125929; 10.1016/j.limno.2021.125929

Flaim G., D. Andreis, S. Piccolroaz, and **U. Obertegger** (2020) Ice Cover and Extreme Events Determine Dissolved Oxygen in a Placid Mountain Lake. *Water Resources Research* 56, <https://doi.org/10.1029/2020WR027321>

Obertegger, U., Pindo, M. and Flaim, G. (2019). Multifaceted aspects of synchrony between freshwater prokaryotes and protists. *Molecular Ecology*, 28(19), 4500-4512. <https://doi.org/10.1111/mec.15228>

Obertegger, U., Flaim, G. (2018) Taxonomic and functional diversity of rotifers, what do they tell us about community assembly? *Hydrobiologia*, 823(1), 79-91 doi: 10.1007/s10750-018-3697-6