

Glöckner, Frank Oliver, Prof. Dr.

Personal Data

Name	Glöckner, Frank Oliver, Prof. Dr.
Born	19 Jan 1969
Institution	Alfred Wegener Institute, Helmholtz Center for Polar- and Marine Research & MARUM, Center for Marine Environmental Sciences, University of Bremen
Department	Head of Data at the Computing Center
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Career

2019	Full Professor for Earth System Data Science, University of Bremen
2019	Head of Data at the Computing Center of the Alfred Wegener Institute, Helmholtz Center for Polar- and Marine Research
2010 - 2019	Full Professor of Bioinformatics, Jacobs University Bremen Germany
2004 - 2019	Head of the Microbial Genomics and Bioinformatics Research Group at the Max Planck Institute for Marine Microbiology Bremen
2004	Associated Professor of Bioinformatics, Jacobs University Bremen, Germany
1998	PhD in Microbial Ecology, Technical University Munich, Germany
1995	Diploma in Microbiology, Technical University Munich, Germany

Research Experience

2001 – 2004	Leader of a project group Microbial Genomics, Max Planck Institute for Marine Microbiology Bremen
1999 – 2000	Research scientist, Max Planck Institute for Marine Microbiology, Bremen

Awards/Committees/Functions

Since 2016	Founder and treasurer of the non-for-profit association GFBio e.V. to further research data management.
Since 2015	Chair of the Center for Biological Data and chair of the Special Interest Group “Service and Service Monitoring” of the German Network for Bioinformatics Infrastructures (de.NBI).
2013 - 2019	Elected representative of the Mediterranean Science Commission (CIESM) for Marine Microbiology and Biotechnology.
Since 2017	Member of the Scientific Advisory Board of the Ocean Frontier Institute (Canada)
Since 2014	Member of the Scientific Advisory Board of the EMBL-EBI/ENA
Since 2014	Member of the Scientific Advisory Board of the Earth Microbiome Project.
Since 2011	Member of the Scientific Advisory Board of Tara Oceans and Oceanomics.
Since 2014	Member of the Editorial Board of Nature “Scientific Data”

Since 2012 Editor-in-Chief of the journal “Marine Genomics”

Research Areas

- Research Data Management
- FAIR data, standardization
- Global patterns of biodiversity and function
- Anthropogenic influence in coastal regions
- 'Omics, amplicons
- Data integration, data mining, statistics
- Phylogeny, taxonomy
- Infrastructure Development

5 Most Relevant Publications (total of 250, H-index=66)

1. Glöckner, F. O., P. Yilmaz, C. Quast, J. Gerken, A. Beccati, A. Ciuprina, G. Bruns, P. Yarza, J. Peplies, R. Westram, et al. (2017). 25 years of serving the community with ribosomal RNA gene reference databases and tools. *J. Biotechnol.* 261:169-176.
2. Kopf, A., M. Bicač, R. Kottmann, J. Schnetzer, I. Kostadinov, K. Lehmann, A. Fernandez-Guerra, C. Jeanthon, E. Rahav, M. Ullrich, F.O. Glöckner et al. (2015). The ocean sampling day consortium. *GigaScience* 4:27.
3. Quast C, Pruesse E, Yilmaz P, Gerken J, Schweer T, Yarza P, Peplies J, Glöckner FO (2013) The SILVA ribosomal RNA gene database project: improved data processing and web-based tools. *Nucleic Acid Res.* 41:D590-D596
4. Yilmaz P et al. (2011) Minimum information about a marker gene sequence (MIMARKS) and minimum information about any (x) sequence (MIxS) specifications. *Nat. Biotechnol.* 29:415-420
5. Kottmann, R., I. Kostadinov, M. B. Duhaime, P. L. Buttigieg, P. Yilmaz, W. Hankeln, J. Waldmann, and F. O. Glöckner. (2010). Megx.net: integrated database resource for marine ecological genomics. *Nucleic Acid Res.* 38:D391-D395