

CV

Dr. Melanie Bergmann, *1971

Scientific degree	PhD in Marine Biology, University Marine Biological Station Millport / University of London, UK Master of Science in Biology of Water Resource Management, Napier University Edinburgh, UK	2000 1997
Current position	Senior scientist, HGF-MPG Group on Deep-Sea Ecology and Technology, AWI	Since 2004
Previous positions	Postdoctoral research officer, School of Ocean Sciences, Bangor University, UK	2001-2004
Academic honors & services	Alexander v. Humboldt - Memorial Award (2012); Member of SCOR Working Group Floating Litter and its Oceanic Transport Analysis and Modelling (FLOTSAM) (2017-2020); Delegate to Protection of the Arctic Marine Environment (PAME, Arctic Council) Study Group on Arctic Marine Litter (2017-2019) Deep-Ocean Stewardship Initiative (DOSI) Working Group on Pollution & Debris Arctic Monitoring & Assessment Programme AMAP/Litter & Microplastic Expert Group	
Recent research topics	Deep-sea ecology and biodiversity; Marine litter and microplastic pollution; (Automated) Image analysis; Long-Term Ecological Research; Citizen science	
Publications/ citations (10/2017)	Peer-reviewed publications (WoS/Scopus total): H-Index (WoS/Scopus): M-Index (WoS: H-Index/years since 1 st publication): ORCID: orcid.org/0000-0001-5212-9808	50/59 26/29 1.44

Publications (10 most relevant)

- Tekman MB, Wekerle C, Lorenz C, Primpke S, Hasemann C, Gerds G, **Bergmann M** (2020). Tying up loose ends of microplastic pollution in the Arctic: distribution from the sea surface through the water column to deep-sea sediments at the HAUSGARTEN Observatory. *Environ Sci Technol*, DOI: doi.org/10.1021/acs.est.9b06981.
- Bergmann M**, Mützel S, Primpke S, Tekman MB, Trachsel J, Gerds G (2019). White and wonderful? Microplastics prevail in snow from the Alps to the Arctic. *Sci Adv* 5, eaax1157.
- Peeken I, Primpke S, Beyer B, Guetermann J, Katlein C, Krumpfen T, **Bergmann M**, Hehemann L, Gerds G (2018): Arctic sea ice is an important temporal sink and means of transport for microplastic. **Nature Comm**: doi: 10.1038/s41467-018-03825-5.
- Bergmann M**, Tekman MB and L Gutow (2017): Marine litter: Sea change for plastic pollution. **Nature** 544: 297
- Bergmann M**, Lutz B, Tekman MB, Gutow L (2017): Citizen scientists reveal: Marine litter pollutes Arctic beaches and affects wild life. **Mar Poll Bull** 125 (1-2): 535–540.
- Bergmann M**, Wirzberger V, Krumpfen T, Lorenz C, Primpke S, Tekman MB and G Gerds (2017): High quantities of microplastic in Arctic deep-sea sediments from the HAUSGARTEN observatory. **Env Sci Technol** 51(19): 11000-11010 (doi:10.1021/acs.est.7b03331).
- Bergmann M**, Gutow L and M Klages (2015): Marine Anthropogenic Litter. Springer, Berlin, pp 447 (doi:10.1007/978-3-319-16510-3).
- Bergmann M**, Sandhop N, Schewe I, D’Hert D (2015): Observations of floating anthropogenic litter in the Barents Sea and Fram Strait, Arctic. **Polar Biol** 39 (3): 553-560.
- Pham CK, Ramirez-Llodra E, Alt CHS, Amaro T, **Bergmann M**, Canals M, Company JB, Davies J, Duineveld G, Galgani F, Howell KL, Huvenne VAI, Isidro E, Jones DOB, Lastras G, Morato T, Gomes-Pereira JN, Purser A, Stewart H, Tojeira I, Tubau X, Van Rooij D, Tyler PA (2014). Marine Litter Distribution and Density in European Seas, from the Shelves to Deep Basins. **PLOS ONE** 9 (4): e95839.
- Bergmann M**, Klages M (2012): Increase of litter at the Arctic deep-sea observatory HAUSGARTEN. **Marine Poll Bull** 64: 2734–2741.