

ABOUT THE AUTHORS



Carlos M. Duarte is research professor for the Spanish Council for Scientific Research (CSIC) at the Mediterranean Institute for Advanced Studies (IMEDEA) in Esporles (Mallorca). His work has ranged over diverse areas of marine ecology and oceanography, from the tropics to the poles. He has taken part in three expeditions in Antarctica, as well as leading the ATOS-Ártico expedition in the year 2007, and is currently engaged in another four projects for International Polar Year.

e-mail: carlosduarte@ifisc.uib.es



Susana Agustí, a CSIC scientific researcher working at IMEDEA (Esporles, Mallorca), is a specialist in marine phytoplankton ecology. She is particularly interested in the plankton of the polar oceans and has participated in six polar research expeditions, acting on three occasions as team leader.

e-mail: sagusti@uib.es



Victor Smetacek is professor of bio-oceanography at the University of Bremen, as well as working at the Alfred Wegener Institute for Polar and Marine Research (Bremerhaven, Germany). He has researched into plankton ecology in coastal and oceanic ecosystems, from tropical to polar regions, and is currently working on iron fertilisation experiments to establish the role of diverse plankton species in global elemental cycles, especially the carbon cycle.

e-mail: Victor.Smetacek@awi.de



Jaume Forcada is a researcher with the British Antarctic Survey (Natural Environment Research Council) in Cambridge (United Kingdom). As a population ecologist in the Biological Sciences Division, his time is mainly devoted to conservation biology issues. He currently heads the section dealing with the integration of life history and food web studies within the Survey's DISCOVERY 2010 research programme.

e-mail: JFOR@bas.ac.uk



Paul Wassman is professor of environmental biology at the Norwegian School of Fishery Science of the University of Tromsø, in northern Norway, and head of the ARCTOS Arctic marine ecosystem research network (www.nfh.uit.no/arctos). His research interests lie primarily in planktonic food webs, vertical carbon flux regulation and Arctic ecosystems.

e-mail: paulw@nfh.uit.no



Paul E. Renaud is a community ecologist at the company Akvaplan-niva AS in Tromsø, Norway. His research is focused on the role of sea-floor communities in Arctic marine ecosystems, and includes studies of carbon cycling, food web interactions and contaminant transfer. He is also investigating biodiversity patterns in marine benthic communities and the mechanisms that drive them.

e-mail: paul.renaud@akvaplan.niva.no



Michael L. Carroll works as an ecologist with the company Akvaplan-niva AS in Tromsø, Norway, where he heads studies into the impact of climate change on Arctic benthos. His main topics of research interest are detecting the evidence of climate change from growth patterns in bivalve molluscs, and studying the structure of benthic communities in relation to oceanographic variability.

e-mail: mc@akvaplan.niva.no



William G. Ambrose Jr., professor in the Biology Department at Bates College, Lewiston (Maine, United States), has led studies into the processes influencing the structure and function of sea-floor communities in the Arctic, as well as lower latitudes. He is also engaged in research on the response of dominant Arctic fauna to climate change, and fluctuations, both natural and fisheries-induced, in benthic community structure.

e-mail: wambrose@bates.edu

