

Contents

Theme issue: The marine system of the West Antarctic Peninsula: status and strategy for progress in a region of rapid change

	Article ID		Article ID
INTRODUCTION			
The marine system of the West Antarctic Peninsula: status and strategy for progress KR Hendry, MP Meredith and HW Ducklow	20170179	Macronutrient and carbon supply, uptake and cycling across the Antarctic Peninsula shelf during summer SF Henley, EM Jones, HJ Venables, MP Meredith, YL Firing, R Ditttrich, S Heiser, J Stefels and J Dougans	20170168
ARTICLES			
Shelf–ocean exchange and hydrography west of the Antarctic Peninsula: a review C Moffat and M Meredith	20170164	Evidences of strong sources of DFe and DMn in Ryder Bay, Western Antarctic Peninsula J Bown, H van Haren, MP Meredith, HJ Venables, P Laan, JA Brearley and HJW de Baar	20170172
Variability in summer surface residence time within a West Antarctic Peninsula biological hotspot JT Kohut, P Winsor, H Statscewich, MJ Oliver, E Fredj, N Couto, K Bernard and W Fraser	20170165	A ‘shallow bathtub ring’ of local sedimentary iron input maintains the Palmer Deep biological hotspot on the West Antarctic Peninsula shelf RM Sherrell, AL Annett, JN Fitzsimmons, VJ Rocanova and MP Meredith	20170171
Changes in the upper ocean mixed layer and phytoplankton productivity along the West Antarctic Peninsula O Schofield, M Brown, J Kohut, S Nardelli, G Saba, N Waite and H Ducklow	20170173	Impact of sea-ice melt on dimethyl sulfide (sulfoniopropionate) inventories in surface waters of Marguerite Bay, West Antarctic Peninsula J Stefels, MA van Leeuwe, EM Jones, MP Meredith, HJ Venables, AL Webb and SF Henley	20170169
A simplified method to estimate the run-off in Periglacial Creeks: a case study of King George Islands, Antarctic Peninsula U Falk, A Silva-Busso and P Pölcher	20170166	Inter-decadal variability of phytoplankton biomass along the coastal West Antarctic Peninsula H Kim, HW Ducklow, D Abele, EMR Barlett, AGJ Buma, MP Meredith, PD Rozema, OM Schofield, HJ Venables and IR Schloss	20170174
Anatomy of a glacial meltwater discharge event in an Antarctic cove MP Meredith, U Falk, AV Bers, A Mackensen, IR Schloss, ER Barlett, K Jerosch, AS Busso and D Abele	20170163		

Spring–summer net community production, new production, particle export and related water column biogeochemical processes in the marginal sea ice zone of the Western Antarctic Peninsula 2012–2014

HW Ducklow, MR Stukel, R Eveleth, SC Doney, T Jickells, O Schofield, AR Baker, J Brindle, R Chance and N Cassar

20170177

Icebergs, sea ice, blue carbon and Antarctic climate feedbacks

DKA Barnes, A Fleming, CJ Sands, ML Quartino and D Deregiibus

20170176

Benthic meltwater fjord habitats formed by rapid glacier recession on King George Island, Antarctica

K Jerosch, H Pehlke, P Monien, F Scharf, L Weber, G Kuhn, MH Braun and D Abele

20170178

