Publications

Peer-Reviewed Journal Publications

Hall, R., **Berx, B.**, Inall, M.E. (submitted) Observing internal tides in high risk regions using co-located ocean gliders and moored ADCPs. *Oceanography.*


**Other Journal Publications**


**Reports**


B. Berx - 2 of 5


Conference Proceedings


Book Chapters


Conference Presentations & Invited Seminars

Invited Seminars

“Estimating volume transport of Atlantic Water through the FSC by combining altimetry and in situ observations” Invited seminar at Bangor University (Menai Bridge, UK; 17 April 2015) by Berx, B.

“Fathoming out the Ocean Circulation of the Faroe-Shetland Channel” Invited seminar at the Endeavour Society, Bangor University (Menai Bridge, UK; 16 April 2015) by Berx, B.

“Ocean Circulation in the Faroe Shetland Channel” Invited seminar at the University of East Anglia (Norwich, UK; 17 October 2014) by Berx, B.

“Ocean circulation in the Faroe Shetland Channel - or fluid dynamics with a larger bin size” Invited seminar at the University of Aberdeen (Aberdeen, UK; 26 September 2014) by Berx, B.

“Large-scale Features – Fronts” Invited seminar at Scottish Natural Heritage, Priority Marine Features Training (Perth, UK; 14 April 2011) by Berx, B.

“Variability of transport in the Faroe Shetland Channel: results from a long-term monitoring programme” Invited seminar at the National Oceanography Centre Liverpool (Liverpool, UK; 23 March 2011) and at the National Oceanography Centre Southampton (Southampton, UK; 13 April 2011) by Berx, B.
Oral Presentations


“The decomposition of the Faroe Shetland Channel circulation: application of POMP to a 20-year time series” Oral presentation at the MASTS Annual Science Meeting (Edinburgh, UK; 3-5 September 2014), by Berx, B., McKenna, C., and W.E.N. Austin.


“Time to revise the role of the Faroe-Shetland Channel in the heat transport between the Atlantic and Nordic Seas after 16 years of observations?” Oral presentation at the ICES Annual Science Conference (Bergen, NO; 17-21 September 2012), by Berx, B., Hansen, B., Larsen, K.M., Østerhus, S., Sherwin, T., and S.M. Olsen.


“Developing a surface and near-bed temperature and salinity climatology for the North-West European Shelf Seas” Oral presentation at the ICES Annual Science Conference (Halifax, CAN; 21-28 September 2008), by B. Berx and S. Hughes.


“Bio-physical interactions over cultivated mussel beds in the Menai Strait” Oral presentation at American Society for Limnology and Oceanography Aquatic Sciences Conference (Santa Fe, USA; 5 February 2007), at Young Coastal Scientists and Engineers Conference (Plymouth, UK; 19-20 April 2007) and at Challenger Society Special Interest Group Meeting on Bio-Physical Interactions (Galway, Ireland; 4 September 2007), by B. Berx and J.H. Simpson.

“Studying food supply to mussel beds in the Menai Strait” Oral presentation at Beyond Boundaries 1st Annual Research Students Conference (Bangor, UK; 8 January 2007), by B. Berx and J.H. Simpson.

Presented research progress at various national and international research project meetings.

**Poster Presentations**

“Exchange between the Slope Current and the West Shetland Shelf” Poster presentation at the Ocean Sciences Conference (New Orleans, USA; 21-26 February 2015), by Berx, B.


“Bio-physical interactions over cultured mussel beds in the Menai Strait” Poster presentation at Coastal and Shelf Seas: Present understanding and future challenges (Bangor, UK; 9-12 April 2006) and at Young Coastal Scientists and Engineers Conference (Southampton, UK; 19-20 April 2006), by B. Berx, J.H. Simpson, J. Gascoigne and C. Saurel.

“Morphological modelling of coastal areas with TELEMAC” Poster presentation at Young Coastal Scientists and Engineers Conference (Nottingham, UK; 6-7 January 2005), by B. Berx and J. Brown.