

# Literature: Modells – Data Assimilation



Author and Title	Year	Published in:
Barth, A., A. Alvera-Azcárate, K.-W. Gurgel, J. Staneva, A. Port, J.-M. Beckers, and E. Stanev Ensemble smoother for optimizing tidal boundary conditions by assimilation of High-Frequency Radar surface currents. Application to the German Bight (local copy)	2010	Ocean Science, 6, 161-178, 2010
Chavanne C., I. Janekovic', P. Flament, P.-M. Poulain, M. Kuzmic', and K.-W. Gurgel Tidal currents in the northwestern Adriatic: High-frequency radio observations and numerical model predictions	2007	J. Geophys. Res., 112, C03S21, doi:10.1029/2006JC003523, 2007
Ehlert I., T. Schlick, B. Benoit, K.-W. Gurgel Determine the Location of a Thermal Front in the Iroise Sea by Using HF Radar Data and Tide Model Results	2007	IGARSS 2007, Barcelona, July 2007
Gurgel K.-W. and T. Schlick HF Radar Applications for Operational Forecasting of Coastal Regions	2005	8th International Conference on Remote Sensing for Marine and Coastal Environments, Halifax, Nova Scotia Canada, 17-19 May 2005
Gurgel K.-W., H. H. Essen, and T. Schlick The use of HF radar networks within operational forecasting systems of coastal regions. in 'Building the European Capacity in Operational Oceanography'	2003	3rd International EuroGOOS Conference, Proceedings pp. 245..250, Elsevier, ISBN 0 444 51550 X
Gurgel K.-W., H. H. Essen, and T. Schlick The Role of HF Radar within Operational Forecasting Systems of the Ocean	2002	IGARSS'2002 Conference, Proceedings, Paper 02_03_13:40
Doerffer R., W. Puls, D. Pan, H.-H. Essen, K.-W. Gurgel, K. Hessner, T. Pohlmann, F. Schirmer, T. Schlick Evaluation of the North Sea joining in situ and remotely sensed data with model results	1994	In: Sündermann, J. (Ed): Circulation and contaminant fluxes in the North Sea, Springer, Berlin, Heidelberg, New York, pp. 434...457, 1994