

Publ.-Year	No.	Authors	Title	Source	Volume	Issue	Beginpage	Endpage	Participating Research Units	HGF Program PACES II: Topic
2013	1	Bieser, J. Aulinger, A., et al.	Reconstructions of past and prediction of future benzo (a) pyrene concentrations over Europe	NATO Science and Security Series C	137		59	63	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2013	2	Bieser, J., Aulinger A., et al.	Influence of emissions on regional atmospheric mercury concentrations	Proceedings of the 16TH international conference on heavy metals in the environment	E35		27002		RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2013	3	Dahnke, K.; Thamdrup, B.	Nitrogen isotope dynamics and fractionation during sedimentary denitrification in Boknis Eck, Baltic Sea	BIOGEOSCIENCES	10	5	3079	3088	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2013	4	Deek A., Dahnke, K., et al.	N-2 Fluxes in sediments of the Elbe Estuary and adjacent coastal zones	Marine Ecology Progress Series	493		9	21	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2013	5	Dierker-Haas, L., Emeis, K., et al.	Paleoproductivity during the middle Miocene carbon isotope events: A data-model approach	Paleoceanography	28	2	334	346	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2013	6	Ebinghaus, R., Jennings, S. G., et al.	Decreasing trends in total gaseous mercury observations in baseline air at Mace Head, Ireland from 1996 to 2011	Proceedings of the 16TH international conference on heavy metals in the environment,	E35		7009		RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2013	7	Gaye, B., Nagel, B., et al.	Amino acid composition and delta N-15 of suspended matter in the Arabian Sea: implications for organic matter sources and degradation	Biogeochemistry	10	11	7689	7702	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2013	8	Haertle, Niemeyer et al.	Climatic responses of tree-ring width and Delta13C signatures of sessile oak (Quercus petraea Liebl.) on soils with contrasting water supply	Plant Ecology	214	9	1147	1156	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2013	9	Kakuschke, A.; Proffrock, D.; Prange, A.	C-reactive protein in blood plasma and serum samples of harbor seals (Phoca vitulina)	MARINE MAMMAL SCIENCE	29	2	E183	E192	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2013	10	Kirchgeorg, Torben; Dreyer, Annekatrin; Gabrieli, Jacopo; Kehrwald, Natalie; Sigl, Michael; Schwikowski, Margit; Boutron, Claude; Gambaro, Andrea; Barbante, Carlo; Ebinghaus, Ralf	Temporal variations of perfluoroalkyl substances and polybrominated diphenyl ethers in alpine snow	ENVIRONMENTAL POLLUTION	178		367	374	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2013	11	Kowalski N., Dellwig O., Beck M., Grawe U., Neubert N., Nagler T.F., Badewien T.H., Brumsack H.-J., van Beusekom J.E.E., Bottcher M.E.	Pelagic molybdenum concentration anomalies and the impact of sediment resuspension on the molybdenum budget in two tidal systems of the North Sea	Geochimica et Cosmochimica Acta	119		198	211	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2013	12	Kremer, Hartwig; Nicholls, Robert; Ratter, Beate M. W.; Weisse, Ralf	Preface Interdisciplinary Research and Perspectives on Current and Future Storm Surges	NATURAL HAZARDS	66	3	1293	1294	RU 2 - Biogeochemistry in Coastal Seas	Topic 4 - Topic 4 - Bridging Research and Society - Products, Tools and Climate Services and Society - Products, Tools and Climate Services
2013	13	Laane R.W.P.M., Vethaak A.D., Gandrass J., Vorkamp K., Kohler A., Larsen M.M., Strand J.	Chemical contaminants in the Wadden Sea: Sources, transport, fate and effects	Journal of Sea Research	82		10	53	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2013	14	Lehnert K., Seibel, H., et al.	Increase in parasite burden and associated pathology in harbour porpoises in west Greenland	Polar Biology	37		1	11	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2013	15	Loebel M., van Beusekom J.E.E., Philippart C.J.M.	No microzooplankton grazing during a Mediopyxis helysia dominated diatom bloom	Journal of Sea Research	82		80	85	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas

2013	16	Ma Y., Xie Z., Yang H., Moller A., Halsall C., Cai M., Sturm R., Ebinghaus R.	Deposition of polycyclic aromatic hydrocarbons in the North Pacific and the Arctic	Journal of Geophysical Research D: Atmospheres	118	11	5822	5829	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2013	17	Matthias V. , Aulinger, A., et al	The relation of the planetary boundary layer height to the vertical aerosol distribution in chemistry transport models	NATO Science and Security Series C	137		553	556	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2013	18	Matthias V., Aulinger, A., et al.	Regional modelling of atmospheric mercury: impact of meteorological variables	Proceedings of the 16TH international conference on heavy metals in the environment	E35		27006		RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2013	19	Mueller, Sabine; Lehnert, Kristina; Seibel, Henrike; Driver, Joerg; Ronnenberg, Katrin; Teilmann, Jonas; van Elk, Cornelius; Kristensen, Jakob; Everaarts, Eligius; Siebert, Ursula	Evaluation of immune and stress status in harbour porpoises (<i>Phocoena phocoena</i>): can hormones and mRNA expression levels serve as indicators to assess stress?	BMC VETERINARY RESEARCH	9				RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2013	20	Nagel, Birgit; Emeis, Kay-Christian; Flohr, Anita; Rixen, Tim; Schlarbaum, Tim; Mohrholz, Volker; van der Plas, Anja	N-cycling and balancing of the N-deficit generated in the oxygen minimum zone over the Namibian shelf- An isotope-based approach	JOURNAL OF GEOPHYSICAL RESEARCH- BIOGEOSCIENCES	118	1	361	371	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2013	21	Pirrone N., Aas W., Cinnirella S., Ebinghaus R., Hedgecock I.M., Pacyna J., Sprovieri F., Sunderland E.M.	Toward the next generation of air quality monitoring: Mercury	Atmospheric Environment					RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2013	22	Renaud, F.G., Friedrich, J., et al.	Tipping from the holocene to anthropocene: How threatened are major world deltas"	Current Opinion in Environmental Sustainability	5		644	654	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2013	23	Slemr F., Brunke E.-G., Whittlestone S., Zahorowski W., Ebinghaus R., Kock H.H., Labuschagne C.	222Rn-calibrated mercury fluxes from terrestrial surface of southern Africa	Atmospheric Chemistry and Physics	13	13	6421	6428	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2013	24	Slemr, F.; Brunke, E. -G.; Whittlestone, S.; Zahorowski, W.; Ebinghaus, R.; Kock, H. H.; Labuschagne, C.	Rn-222-calibrated mercury fluxes from terrestrial surface of southern Africa	ATMOSPHERIC CHEMISTRY AND PHYSICS	13	13	6421	6428	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2013	25	Solazzo, E.; Bianconi, R.; Pirovano, G.; Moran, M. D.; Vautard, R.; Hogrefe, C.; Appel, K. W.; Matthias, V.; Grossi, P.; Bessagnet, B.; Brandt, J.; Chemel, C.; Christensen, J. H.; Forkel, R.; Francis, X. V.; Hansen, A. B.; McKeen, S.; Nopmongkol, U.; Prank, M.; Sartelet, K. N.; Segers, A.; Silver, J. D.; Yarwood, G.; Werhahn, J.; Zhang, J.; Rao, S. T.; Galmarini, S.	Evaluating the capability of regional-scale air quality models to capture the vertical distribution of pollutants	GEOSCIENTIFIC MODEL DEVELOPMENT	6	3	791	818	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2013	26	Steffen, A.; Bottenheim, J.; Cole, A.; Douglas, T. A.; Ebinghaus, R.; Friess, U.; Netcheva, S.; Nghiem, S.; Sihler, H.; Staebler, R.	Atmospheric mercury over sea ice during the OASIS-2009 campaign	ATMOSPHERIC CHEMISTRY AND PHYSICS	13	14	7007	7021	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas

2013	27	Suhring, Roxana; Moeller, Axel; Freese, Marko; Pohlmann, Jan-Dag; Wolschke, Hendrik; Sturm, Renate; Xie, Zhiyong; Hanel, Reinhold; Ebinghaus, Ralf	Brominated flame retardants and dechloranes in eels from German Rivers	CHEMOSPHERE	90	1	118	124	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2013	28	Travnikov, O., Hedgecock, I. M., Matthias, V., Dastoor, A., Lin, C. J.	Mercury simulations within GMOS: Analysis of short-term observational episodes	Proceedings of the 16th International Conference On Heavy Metals In the Environment	1				RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2013	29	Vierke L., Ahrens L., Shoeib M., Palm W.-U., Webster E.M., Ellis D.A., Ebinghaus R., Harner T.	Response to comment on "In situ air-water and particle-water partitioning of perfluorocarboxylic acids, perfluorosulfonic acids and perfluorooctyl sulfonamide at a wastewater treatment plant"	Chemosphere					RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2013	30	Vierke L., Ahrens L., Shoeib M., Palm W.-U., Webster E.M., Ellis D.A., Ebinghaus R., Harner T.	In situ air-water and particle-water partitioning of perfluorocarboxylic acids, perfluorosulfonic acids and perfluorooctyl sulfonamide at a wastewater treatment plant	Chemosphere	92	8	941	948	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2013	31	Weigelt, A., Bieber, E., et al.	Speciated mercury measurements in ambient air from 2009 to 2011 at a Central European rural background monitoring site	Proceedings of the 16TH international conference on heavy metals in the environment	E35		17004		RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2013	32	Weigelt, Andreas; Temme, Christian; Bieber, Elke; Schwerin, Andreas; Schuetze, Maik; Ebinghaus, Ralf; Kock, Hans Herbert	Measurements of atmospheric mercury species at a German rural background site from 2009 to 2011- methods and results	ENVIRONMENTAL CHEMISTRY	10	2	102	110	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2013	33	Weirup L., Muller S., Ronnenberg K., Rosenberger T., Siebert U., Lehnert K.	Immune-relevant and new xenobiotic molecular biomarkers to assess anthropogenic stress in seals	Marine Environmental Research					RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2013	34	Wip, D.; Warneke, T.; Petersen, A. K.; Notholt, J.; Temme, C.; Kock, H.; Cordy, P.	Urban mercury pollution in the City of Paramaribo, Suriname	AIR QUALITY ATMOSPHERE AND HEALTH	6	1	205	213	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2013	35	Xie Z., Zhao Z., Moller A., Wolschke H., Ahrens L., Sturm R., Ebinghaus R.	Neutral poly- and perfluoroalkyl substances in air and seawater of the North Sea	Environmental Science and Pollution Research			1	13	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2013	36	Zhang Y., Lai S., Zhao Z., Liu F., Chen H., Zou S., Xie Z., Ebinghaus R.	Spatial distribution of perfluoroalkyl acids in the Pearl River of Southern China	Chemosphere					RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2013	37	Zhao, Zhen; Tang, Jianhui; Xie, Zhiyong; Chen, Yingjun; Pan, Xiaohui; Zhong, Guangcai; Sturm, Renate; Zhang, Gan; Ebinghaus, Ralf	Perfluoroalkyl acids (PFAAs) in riverine and coastal sediments of Laizhou Bay, North China	SCIENCE OF THE TOTAL ENVIRONMENT	447		415	423	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2014	38	Beyn, F., Matthias, V., Dähnke, K.	Changes in atmospheric nitrate deposition in Germany - An isotopic perspective	Environmental Pollution	194		1	10	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2014	39	Bieser, J., De Simone, F., Gencarelli, C., Geyer, B., Hedgecock, I., Matthias, V., Travnikov, O., Weigelt, A.	A diagnostic evaluation of modeled mercury wet depositions in Europe using atmospheric speciated high-resolution observations	Environmental Science and Pollution Research	21	16	9995	10012	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2014	40	Bieser, Johannes; Aulinger, Armin; Matthias, Volker; Quante, Markus	Reconstruction of Past and Prediction of Future Benzo[a]pyrene Concentrations Over Europe	AIR POLLUTION MODELING AND ITS APPLICATION XXII			59	63	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas

2014	41	Böll, A., Lückge, A., Munz, P., Forke, S., Schulz, H., Ramaswamy, V., Rixen, T., Gaye, B., Emeis, K.-C.	Late Holocene primary productivity and sea surface temperature variations in the northeastern Arabian Sea: Implications for winter monsoon variability	Paleoceanography	29					RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2014	42	Callies, U., Scharfe, M.	Mean spring conditions at Helgoland Roads, North Sea: Graphical modeling of the influence of hydro-climatic forcing and Elbe River discharge	Journal of Sea Research						RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2014	43	Canion, A., Kostka, J.E., Gihring, T.M., Huettel, M., Van Beusekom, J.E.E., Gao, H., Lavik, G., Kuypers, M.M.M.	Erratum: Temperature response of denitrification and anammox reveals the adaptation of microbial communities to in situ temperatures in permeable marine sediments that span 50° in latitude	Biogeosciences	11	2	461	462		RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2014	44	Codling, G., Halsall, C., Ahrens, L., Del Vento, S., Wiberg, K., Bergknot, M., Laudon, H., Ebinghaus, R.	The fate of per- and polyfluoroalkyl substances within a melting snowpack of a boreal forest	Environmental Pollution	191		190	198		RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2014	45	de Jonge, Victor N.; Schuttelaars, Henk M.; van Beusekom, Justus E. E.; Talke, Stefan A.; de Swart, Huib E.	The influence of channel deepening on estuarine turbidity levels and dynamics, as exemplified by the Ems estuary	Estuarine, Coastal and Shelf Science	139		46	59		RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2014	46	Emeis, K.-C., van Beusekom, J., Callies, U., Ebinghaus, R., Kannen, A., Kraus, G., Kröncke, I., Lenhart, H., Lorkowski, I., Matthias, V., Möllmann, C., Pätsch, J., Scharfe, M., Thomas, H., Weisse, R., Zorita, E.	The North Sea - A shelf sea in the Anthropocene	Journal of Marine Systems						RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2014	47	Flohr, A., Van Der Plas, A.K., Emeis, K.-C., Mohrholz, V., Rixen, T.	Spatio-temporal patterns of C : N : P ratios in the northern Benguela upwelling system	Biogeosciences	11	3	885	897		RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2014	48	Friedrich, J., Janssen, F., Aleynik, D., Bange, H.W., Boltacheva, N., Çagatay, M.N., Dale, A.W., Etiope, G., Erdem, Z., Geraga, M., Gilli, A., Gomoio, M.T., Hall, P.O.J., Hansson, D., He, Y., Holtappels, M., Kirf, M.K., Kononets, M., Konovalov, S., Lichtschlag, A., Livingstone, D.M., Marinaro, G., Mazlumyan, S., Naeher, S., North, R.P., Papatheodorou, G., Pfannkuche, O., Prien, R., Rehder, G., Schubert, C.J., Soltwedel, T., Sommer, S., Stahl, H., Stanev, E.V., Teaca, A., Tengberg, A., Waldmann, C., Wehrli, B., Wenzhöfer, F.	Investigating hypoxia in aquatic environments: Diverse approaches to addressing a complex phenomenon	Biogeosciences	11	4	1215	1259		RU 2 - Biogeochemistry in Coastal Seas RU 3 - Operational Systems	Topic 2 - Fragile Coasts and Shelf Seas
2014	49	Gaye B., Nagel B., Daehnke K.	Evidence of parallel denitrification and nitrite oxidation in the OZD of the Arabian Sea from paired stable isotopes of nitrate and nitrite	Global Biogeochemical Cycles	27	4	1059	1071		RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas

2014	50	Jaffe, D.A., Lyman, S., Amos, H.M., Gustin, M.S., Huang, J., Selin, N.E., Levin, L., Ter Schure, A., Mason, R.P., Talbot, R., Rutter, A., Finley, B., Jaeglé, L., Shah, V., McClure, C., Ambrose, J., Gratz, L., Lindberg, S., Weiss-Penzias, P., Sheu, G.-R., Feddersen, D., Horvat, M., Dastoor, A., Hynes, A.J., Mao, H., Sonke, J.E., Slemr, F., Fisher, J.A., Ebinghaus, R., Zhang, Y., Edwards, G.	Progress on understanding atmospheric mercury hampered by uncertain measurements	Environmental Science and Technology	48	13	7204	7206	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2014	51	Lehnert K., Mueller S., Weirup, L.	Molecular biomarkers in gray seals (<i>Halichorus grypus</i>) to evaluate pollutant exposure, health and immune status	Marine Pollution Bulletin	88	1-2	311	318	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2014	52	Lehnert, K.; Seibel, H.; Hasselmeier, I.; Wohlsein, P.; Iversen, M.; Nielsen, N. H.; Heide-Jorgensen, M. P.; Prenger-Berninghoff, E.; Siebert, U.	Increase in parasite burden and associated pathology in harbour porpoises (<i>Phocoena phocoena</i>) in West Greenland	POLAR BIOLOGY	37	3	321	331	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2014	53	Levin, L.A., Liu, K.-K., Emeis, K.-C., Breitburg, D.L., Cloern, J., Deutsch, C., Giani, M., Goffart, A., Hofmann, E.E., Lachkar, Z., Limburg, K., Liu, S.-M., Montes, E., Naqvi, W., Ragueneau, O., Rabouille, C., Sarkar, S.K., Swaney, D.P., Wassman, P., Wishner, K.F.	Comparative biogeochemistry-ecosystem-human interactions on dynamic continental margins	Journal of Marine Systems					RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2014	54	Liu, K.-K., Emeis, K.-C., Levin, L.A., Naqvi, W., Roman, M.	Preface - "Biogeochemistry-ecosystem interaction on changing continental margins in the Anthropocene"	Journal of Marine Systems					RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2014	55	Martinsson, B. G., Friberg, J., Andersson, S. M., Weigelt, A., Hermann, M., Assmann, D., Voigtländer, J., Brenninkmeijer, C. A. M., van Velthoven, P. J. F. Zahn, A.	Comparison between CARIBIC Aerosol Samples Analysed by Accelerator-Based Methods and Optical Particle Counter Measurements	Atmospheric Measurement Techniques	7	8	2581	2596	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2014	56	Matthias, Volker; Aulinger, Armin; Bieser, Johannes; Quante, Markus	The Relation of the Planetary Boundary Layer Height to the Vertical Aerosol Distribution in Chemistry Transport Models	AIR POLLUTION MODELING AND ITS APPLICATION XXII			553	557	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2014	57	Meng, X.-Z., Wang, Y., Xiang, N., Chen, L., Liu, Z., Wu, B., Dai, X., Zhang, Y.-H., Xie, Z., Ebinghaus, R.	Flow of sewage sludge-borne phthalate esters (PAEs) from human release to human intake: Implication for risk assessment of sludge applied to soil	Science of the Total Environment	476-477		242	249	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2014	58	Neumann, D., Callies, U., Matthies, M.	Marine litter ensemble transport simulations in the southern North Sea	Marine Pollution Bulletin					RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2014	59	Powley, H. R., Krom, M. D., Emeis, K. C., Van Cappellen, P.	A biogeochemical model for phosphorus and nitrogen cycling in the Eastern Mediterranean Sea. Part 2. Response of nutrient cycles and primary production to anthropogenic forcing: 1950-2000	Journal of Marine Systems	139		420	432	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2014	60	Ramachandran, R., Ramachandran, P., Lowry, K., Kremer, H., Lange, M.	Improving science and policy in managing land-based sources of pollution	Environmental Development	11		4	18	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2014	61	Rixen, T., Baum, A., Gaye, B.	Seasonal and interannual variations in the nitrogen cycle in the Arabian Sea	Biogeosciences	11	20	5733	5747	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas

2014	62	Serna A., Lahajnar, N., Paetsch, J.	Organic matter degradation in the German Bight/SE North Sea: Implications from stable nitrogen isotopes and amino acids	Marine Chemistry	166		103	113	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2014	63	Slemr, F., Weigelt, A., Ebinghaus, R., Brenninkmeijer, C., Baker, A., Schuck, T., Rauthe-Schöch, A., Riede, H., Leedham, E., Hermann, H., Van Velthoven, P., Oram, D., O'Sullivan, D., Dyroff, C., Zahn, A., Ziereis, H.	Mercury plumes in the global upper troposphere observed during flights with the CARIBIC observatory from may 2005 until june 2013	Atmosphere	5	2	342	369	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2014	64	Steffen, A., Bottenheim, J., Cole, A., Ebinghaus, R., Lawson, G., Leaitch, W.R.	Atmospheric mercury speciation and mercury in snow over time at Alert, Canada	Atmospheric Chemistry and Physics	14	5	2219	2231	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2014	65	Strizak, T., Ivanković, D., Pröfrock, D., Helmholz, H., Cindrić, A.-M., Erk, M., Prange, A.	Characterization of the cytosolic distribution of priority pollutant metals and metalloids in the digestive gland cytosol of marine mussels: Seasonal and spatial variability	Science of the Total Environment	470-471		159	170	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2014	66	Sühring, R., Byer, J., Freese, M.	Brominated flame retardants and Dechloranes in European an American eels from glass to silver life stages	Chemosphere	116		104	111	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2014	67	Trautwein, C., Berset, J.-D., Wolschke, H., Kümmerer, K.	Occurrence of the antidiabetic drug Metformin and its ultimate transformation product Guanylurea in several compartments of the aquatic cycle	Environment International	70		203	212	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2014	68	Triantaphyllou, M. V., Gogou, A., Bouloubassi, I., Emeis, K.C.	Evidence for warm and humid Mid-Holocene episode in the Aegean and northern Levantine Seas (Greece, NE Mediterranean)	Regional Environmental Change	14	5	1697	1712	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2014	69	Van Cappellen, P., Powley, H. R., Emeis, K. C., Krom, M. D.	A biogeochemical model for phosphorus and nitrogen cycling in the Eastern Mediterranean Sea: Part 1. Model development, initialization and sensitivity	Journal of Marine Systems	139		460	471	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2014	70	Vierke, L., Möller, A., Klitzke, S.	Transport of perfluoroalkyl acids in a water-saturated sediment column investigated under near-natural conditions	Environmental Pollution	186		7	13	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2014	71	Wang, X., Halsall, C., Codling, G., Xie, Z., Xu, B., Zhao, Z., Xue, Y., Ebinghaus, R., Jones, K.C.	Accumulation of perfluoroalkyl compounds in Tibetan mountain snow: Temporal patterns from 1980 to 2010	Environmental Science and Technology	48	1	173	181	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2014	72	Wang, Z., Xie, Z., Möller, A., Mi, W., Wolschke, H., Ebinghaus, R.	Atmospheric concentrations and gas/particle partitioning of neutral poly- and perfluoroalkyl substances in northern German coast	Atmospheric Environment	95		207	213	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2014	73	Winter, C., Bartholomä, A., Capperucci, R., Callies, U., Heipke, C., Schmidt, A., Hillebrand, H., Reimers, C., Bremer, P., Weiler, R., Herrling, G.	Scientific concepts for the monitoring of the ecological state of the German coastal waters [Wissenschaftliche Konzepte für ein Monitoring des ökologischen Zustands des deutschen Küstenmeeres]	Wasser und Abfall	16	7-8	21	26	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2014	74	Zhao, Z., Xie, Z., Tang, J., Sturm, R., Chen, Y., Zhang, G., Ebinghaus, R.	Seasonal variations and spatial distributions of perfluoroalkyl substances in the rivers Elbe and lower Weser and the North Sea	Chemosphere					RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2014	75	Zhong, G., Tang, J., Xie, Z., Mi, W., Chen, Y., Möller, A., Sturm, R., Zhang, G., Ebinghaus, R.	Selected current-use pesticides (CUPs) in coastal and offshore sediments of Bohai and Yellow seas	Environmental Science and Pollution Research			1	9	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2014	76	Zhong, G., Tang, J., Xie, Z., Möller, A., Zhao, Z., Sturm, R., Chen, Y., Tian, C., Pan, X., Qin, W., Zhang, G., Ebinghaus, R.	Selected current-use and historic-use pesticides in air and seawater of the Bohai and Yellow Seas, China	Journal of Geophysical Research: Atmospheres	119	2	1073	1086	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas

2015	77	Baturin, G. N.; Zavjalov, P. O.; Friedrich, J.	Geochemistry of sediments in the modern Aral Basin.	OCEANOLOGY	55	2	253	262	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2015	78	Beyn, F., Matthias, V., Aulinger, A., & Dähnke, K.	Do N-isotopes in atmospheric nitrate deposition reflect air pollution levels?	Atmospheric Environment	107		281	288	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2015	79	Böll, A., Schulz, H., Munz, P., Rixen, T., Gaye, B., & Emeis, K.	Contrasting sea surface temperature of summer and winter monsoon variability in the northern arabian sea over the last 25ka.	Palaeogeography, Palaeoclimatology, Palaeoecology	426		10	21	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2015	80	Brunke, E., Ebinghaus, R. et al.	Mercury in the atmosphere and in rainwater at cape point, south africa	Atmospheric environment	125		24	32	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2015	81	Callies, U., Scharfe M.	Mean spring sonditions at Helgoland roads, North Sea: Graphical modeling of the influence of hydro-climatic forcing and Elbe River discharge	Journal of Sea Research	101				RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2015	82	Dreyer, A., Kirchgeorg, T., Weinberg, I., & Matthias, V.	Particle-size distribution of airborne poly- and perfluorinated alkyl substances.	Chemosphere	129		142	149	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2015	83	Emeis, K. -, van Beusekom, J., Callies, U., Ebinghaus, R., Kannen, A., Kraus, G., Zorita, E.	The north sea - A shelf sea in the anthropocene.	Journal of Marine Systems	141		18	33	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2015	84	Glavovic, B.V., Emeis, K.-C. et al.	Living on the Margin in the Anthropocene: engagement arenas for sustainability research and action at the ocean-land interface	Current Opinion in Environmental Sustainability	14		1	7	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2015	85	Gonzales-Gago. A., Pröfrock, D., Prange, A.	Comparison of GC-NCI MS, GC-ICP-MS, and GC-EI MS-MS for the determination of PBDEs in water samples according to the Water Framework Directive	Analytical and Bioanalytical Chemistry	407	26	8009	8018	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2015	86	Gonzalez-Gago, Adriana; Proefrock, Daniel; Prange, Andreas	Optimizing GC-ICP-MS for ultra-trace quantification of PBDEs in natural water samples using species-specific isotope dilution.	JOURNAL OF ANALYTICAL ATOMIC SPECTROMETRY	30	1	180	190	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2015	87	Grimm, R., Maier-Reimer, E., Mikolajewicz, U., Emeis, K.-C., et al.	Late glacial initiation of Holocene eastern Mediterranean sapropel formation	Nature Communications	6		44	60	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2015	88	Helmholz, H., Lassen, S., Ruhnau, C., Proefrock, D., Erbsloeh, H.-B., Prange, A.	Investigation on the proteome response of transplanted blue mussel (Mytilus sp.) during a long term exposure experiment at differenently impacted field stations in the German Bight (North Sea)	Marine Environmental Research	110		69	80	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2015	89	Heydebreck, F., Tang, J., Xie, Z., Ebinghaus, R.	Alternative and Legacy Perfluoroalkyl Substances: Differences between European and Chinese River/Estuary Systems	Environmental Science and Technology	49	14	8386	8395	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2015	90	Lai, S., Xie, Z., Song, T., Tang, J., Zhang, Y., Mi, W., Ebinghaus, R.	Occurrence and dry deposition of organophosphate esters in atmospheric particles over the northern south china sea.	Chemosphere	127		195	200	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2015	91	Lang, S.-C., Kötker, D., et al.	Equilibrium passive sampling as a tool to study polycyclic aromatic hydrocarbons in Baltic Sea sediment pore-water systems	Marine Pollution Bulletin					RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2015	92	Levin, L. A., Liu, K. -, Emeis, K. -, Breitburg, D. L., Cloern, J., Deutsch, C., Wishner, K. F.	Comparative biogeochemistry-ecosystem-human interactions on dynamic continental margins.	Journal of Marine Systems	141		3	17	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2015	93	Liu, D. Emeis, K.-C. et al.	Distribution and sources of organic matter in surface sediments of bohai sea near the yellow river estuary, china	Earth System Science Data	7	2	289	297	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2015	94	Liu, K. -K.; Emeis, Kay-Christian; Levin, Lisa A.; et al.	Preface - "Biogeochemistry-ecosystem interaction on changing continental margins in the Anthropocene" .	JOURNAL OF MARINE SYSTEMS	141		1	2	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas

2015	95	Lu, Z., Song, L., Zhao, Z., Ma, Y., Wang, J., Yang, H., Giesy, J. P.	Occurrence and trends in concentrations of perfluoroalkyl substances (PFASs) in surface waters of eastern china.	Chemosphere	119		820	827	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2015	96	Ma, Y., Xie, Z., Halsall, C., Möller, A., Yang, H., Zhong, G., Ebinghaus, R.	The spatial distribution of organochlorine pesticides and halogenated flame retardants in the surface sediments of an arctic fjord: The influence of ocean currents vs. glacial runoff.	Chemosphere	119		953	960	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2015	97	Martinsson, B. G., Friberg, J., Andersson, S. M., Weigelt, A., Hermann, M., Assmann, D., Zahn, A.	Erratum: Comparison between CARIBIC aerosol samples analysed by accelerator-based methods and optical particle counter measurements (atmospheric measurement techniques (2014) 7 (2581-2596)).	Atmospheric Measurement Techniques	8	1	367		RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2015	98	Mawji, E., Friedrich, J. et al.	The GEOTRACES Intermediate Data Product 2014	Marine Chemistry	177	SI	1	8	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2015	99	Moebius, J.; Daehnke, K.	Nitrate drawdown and its unexpected isotope effect in the Danube estuarine transition zone.	Limnology and Oceanography	60	3	1008	1019	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2015	100	Petersen, J., Paschke, A., Gunold, R., Schuurmann, G.	Calibration of Chemcatcher (R) passive sampler for selected highly hydrophobic organic substances under fresh and sea water conditions	Environmental Science-Water Research & Technology	1	2	218	226	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2015	101	Petersen, J.K., Pröfrock, D. et al.	Laboratory calibration and field testing of the Chemcatcher-Metal for trace of rare earth elements in estuarine waters	Environmental Science and Pollution Research	22	20	16051	16059	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2015	102	Potts, Tavis; O'Higgins, Tim; Brennan, Ruth; Beusekom, J. et al.	Detecting critical choke points for achieving Good Environmental Status in European seas.	ECOLOGY AND SOCIETY	20	1			RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2015	103	Slemr, F., Angot, H., Dommergue, A., Magand, O., Barret, M., Weigelt, A., Wang, F.	Comparison of mercury concentrations measured at several sites in the southern hemisphere.	Atmospheric Chemistry and Physics	15	6	3125	3133	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2015	104	Somoano-Blanco, L., Pröfrock, D. et al.	Comparison of different mass spectrometric techniques for the determination of polychlorinated biphenyls by isotope dilution using CL-37-labelled analogues	Analytical Methods	7	21	9068	9075	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2015	105	Song, S., Selin, N., Ebinghaus, R., et al.	Top-down constraints on atmospheric mercury emissions and implications for global biogeochemical cycling	Atmospheric Chemistry and Physics	15	12	7103	7125	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2015	106	Stelzenmüller, V., Fock, H. O., Gimpel, A., Rambo, H., Diekmann, R., Probst, W. N., Kröncke, I., Callies, U., Bockelmann,	Quantitative environmental risk assessments in the context of marine spatial management: Current approaches and some perspectives.	ICES Journal of Marine Science	72	3	1022	1042	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2015	107	Sühring, R., Barber, J.L., Wolschke, H. et al.	Fingerprint analysis of brominated flame retardants and dechloranes in north sea sediments	Environmental Research	140		569	578	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2015	108	Sühring, R., Busch, F. et al.	Distribution of brominated flame retardants and dechloranes between sediments and benthic fish - A comparison of a freshwater and marine habitat	Science of the Total Environment	542		578	585	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2015	109	Sühring, R., Freese, M., Schneider, M., et al.	Maternal transfer of emerging brominated and chlorinated flame retardants in european eels	Science of the Total Environment	530 - 531		209	218	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2015	110	Venter, A.D., Ebinghaus, R. et al.	Statistical exploration of gaseous elemental mercury (GEM) measured at cape point from 2007 to 2011	Atmospheric Chemistry and Physics	15	18	10271	10280	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2015	111	Walter, B., Peters, J., van Beusekom, J.E.E., et al.	Interactive effects of temperature and light during deep convection: a case study on growth and <i>Thalassiosira weissflogii</i>	ICES Journal of marine science	72	6	2061	2071	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas

2015	112	Wang, R., Tang, J., Xie, Z., Mi, W., Chen, Y., Wolschke, H., Ebinghaus, R.	Occurrence and spatial distribution of organophosphate ester flame retardants and plasticizers in 40 rivers draining into the bohai sea, north china.	Environmental Pollution	198		172	178	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2015	113	Wang, Z., Xie, Z., Mi, W., et al.	Neutral Poly/Per-Fluoroalkyl Substances in Air from the Atlantic to the Southern Ocean and in Antarctic Show	Environmental Science and Technology	49	13	7770	7775	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2015	114	Wang, Z., Xie, Z., Möller, A., Mi, W., Wolschke, H., & Ebinghaus, R.	Estimating dry deposition and gas/particle partition coefficients of neutral poly-/perfluoroalkyl substances in northern german coast.	Environmental Pollution	202		120	125	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2015	115	Weigelt, A., Ebinghaus, R., Manning, A. J., Derwent, R. G., Simmonds, P. G., Spain, T. G., Slemr, F.	Analysis and interpretation of 18 years of mercury observations since 1996 at mace head, Ireland.	Atmospheric Environment	100		85	93	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2015	116	Wolschke, H., Meng, X.-Z.; Xie, Z., Ebinghaus, R., Cai, M.	Novel flame retardants (N-FRs). polybrominated diphenyl ethers (PBDEs) and dioxin-like polychlorinated biphenyls (DL-PCBs) in fish, penguin, and skua from King George island, Antarctica	Marine Pollution Bulletin	96	2	513	518	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2015	117	Wolschke, H., Suehring, R., Xie, Z., Ebbinghaus, R.	Organophosphorus flame retardants and plasticizers in the aquatic environment: A case study of the ELBE RIVER	Environmental Pollution		206	488	493	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2015	118	Xie, Z., Wang, Z., Mi, W., Möller, A., Wolschke, H., & Ebinghaus, R.	Neutral poly-/perfluoroalkyl substances in air and snow from the arctic.	Scientific Reports	5				RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2015	119	Zhao, Z., Xie, Z., Tang, J., Zhang, G., & Ebinghaus, R.	Spatial distribution of perfluoroalkyl acids in surface sediments of the german bight, north sea.	Science of the Total Environment	511		145	152	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2015	120	Zhao, Zhen; Xie, Zhiyong; Tang, Jianhui; et al	Seasonal variations and spatial distributions of perfluoroalkyl substances in the rivers Elbe and lower Weser and the North Sea	Chemosphere	129		118	125	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2015	121	Zhong, Guangcai; Tang, Jianhui; Xie, Zhiyong; et al.	Selected current-use pesticides (CUPs) in coastal and offshore sediments of Bohai and Yellow seas	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	22	3	1653	1661	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2015	122	Zhu, J., Wang, T., Bieser, J., Matthias, V.	Source attribution and process analysis for atmospheric mercury in eastern china simulated by CMAQ-hg	Atmospheric Chemistry and Physics	15		8767	8779	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2016	123	Aulinger, A; Matthias, V; Zeretzke, M; Bieser, J; Quante, M; Backes, A	The impact of shipping emissions on air pollution in the greater North Sea region - Part 1: Current emissions and concentrations	ATMOSPHERIC CHEMISTRY AND PHYSICS	16	2	739	758	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2016	124	Backes, A; Aulinger, A; Bieser, J; Matthias, V; Quante, M	Ammonia emissions in Europe, part I: Development of a dynamical ammonia emission inventory	ATMOSPHERIC ENVIRONMENT	131		55	66	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2016	125	Backes, AM; Aulinger, A; Bieser, J; Matthias, V; Quante, M	Ammonia emissions in Europe, part II: How ammonia emission abatement strategies affect secondary aerosols	ATMOSPHERIC ENVIRONMENT	126		153	161	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2016	126	Backes, Anna M.; Aulinger, Armin; Bieser, Johannes; et al.	Influence of Ammonia Emissions on Aerosol Formation in Northern and Central Europe	AIR POLLUTION MODELING AND ITS APPLICATION XXIV			29	35	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas

2016	127	Bessagnet, B.; Pirovano, G.; Mircea, M.; Cuvelier, C.; Aulinger, A.; Calori, G.; Ciarelli, G.; Manders, A.; Stern, R.; Tsyro, S.; Garcia Vivanco, M.; Thunis, P.; Pay, M.-T.; Colette, A.; Couvidat, F.; Meleux, F.; Rouil, L.; Ung, A.; Aksoyoglu, S.; Baldasano, J.M.; Bieser, J.; Briganti, G.; Cappelletti, A.; D'Isidoro, M.; Finardi, S.; Kranenburg, R.; Silibello, C.; Carnevale, C.; Aas, W.; Dupont, J.-C.; Fagerli, H.; Gonzales, L.; Menut, L.; Prevot, A.S.H.; Roberts, P.; White, L.	Presentation of the EURODELTA III intercomparison exercise – evaluation of the chemistry transport models' performance on criteria pollutants and joint analysis with meteorology.	Atmospheric Chemistry and Physics	16	19	12667	12701	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2016	128	Bieser, J., Slemr, F., Ambrose, J., Brenninkmeijer, C., Brooks, S., Dastoor, A., DeSimone, F., Ebinghaus, R., Gencarelli, C., Geyer, B., Gratz, L. E., Hedgecock, I. M., Jaffe, D., Kelley, P., Lin, C. J., Matthias, V., Ryjkov, A., Selin, N., Song, S., Travnikov, O., Weigelt, A., Luke, W., Ren, X., Zahn, A., Yang, X., Zhu, Y., Pirrone, N.	Multi-model study of mercury dispersion in the atmosphere: Vertical distribution of mercury species	Atmospheric Chemistry and Physics	17	11	1	54	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2016	129	Booij, K; Robinson, CD; Burgess, RM; Mayer, P; Roberts, CA; Ahrens, L; Allan, IJ; Brant, J; Jones, L; Kraus, UR; Larsen, MM; Lepom, P; Petersen, J; Proffrock, D; Roose, P; Schafer, S; Smedes, F; Tixier, C; Vorkamp, K; Whitehouse, P	Passive Sampling in Regulatory Chemical Monitoring of Nonpolar Organic Compounds in the Aquatic Environment	ENVIRONMENTAL SCIENCE & TECHNOLOGY	50	1	3	17	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2016	130	Brunke, EG; Walters, C; Mkololo, T; Martin, L; Labuschagne, C; Silwana, B; Slemr, F; Weigelt, A; Ebinghaus, R; Somerset, V	Mercury in the atmosphere and in rainwater at Cape Point, South Africa	ATMOSPHERIC ENVIRONMENT	125		24	32	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2016	131	Callies U., Gaslikova L., Kapitza H., Scharfe M.	German Bight residual current variability on a daily basis: principal components of multi-decadal barotropic simulations	Geo-Marine Letters			1	12	RU 2 - Biogeochemistry in Coastal Seas RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2016	132	Carpenter JR, Merkelbach L, Callies U, Clark S, Gaslikova L, Baschek B	Potential Impacts of Offshore Wind Farms on North Sea Stratification.	PLoS ONE	11	8			RU 3 - Operational Systems RU 2 - Biogeochemistry in Coastal Seas RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2016	133	Chen, WL; Xie, ZY; Wolschke, H; Gandrass, J; Kotke, D; Winkelmann, M; Ebinghaus, R	Quantitative determination of ultra-trace carbazoles in sediments in the coastal environment	CHEMOSPHERE	150		586	595	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2016	134	Chen, Y., Lin, T., Tang, J., Xie, Z., Tian, C., Li, J., Zhang, G.	Exchange of polycyclic aromatic hydrocarbons across the air-water interface in the Bohai and Yellow Seas	Atmospheric Environment	141		153	160	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2016	135	Dahnke, K; Thamdrup, B	Isotope fractionation and isotope decoupling during anammox and denitrification in marine sediments	LIMNOLOGY AND OCEANOGRAPHY	61	2	610	624	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2016	136	Efstathiou, C. I., Matejovičová, J., Bieser, J., Lammel, G.	Evaluation of gas-particle partitioning in a regional air quality model for organic pollutants	Atmos. Chem. Phys.	16	23	15327	15345	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2016	137	Folmer, E.O., van Beusekom, J.E., Dolch, T., Gräwe, U., van Katwijk, M.M., Kolbe, K., Philippart, C.J.	Consensus forecasting of intertidal seagrass habitat in the Wadden Sea	Journal of Applied Ecology					RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas

2016	138	Freese, M; Suhring, R; Pohlmann, JD; Wolschke, H; Magath, V; Ebinghaus, R; Hanel, R	A question of origin: dioxin-like PCBs and their relevance in stock management of European eels	ECOTOXICOLOGY	25	1	41	55	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2016	139	Hanousek, O., Brunner, M., Pröfrock, D., Irrgeher, J., & Prohaska, T.	The performance of single and multi-collector	Analytical Methods	8 (42)		7661	7672	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2016	140	Helmholz, H; Ruhnau, C; Profrock, D; Erbsloh, HB; Prange, A	Seasonal and annual variations in physiological and biochemical responses from transplanted marine bioindicator species <i>Mytilus</i> spp. during a long term field exposure experiment	SCIENCE OF THE TOTAL ENVIRONMENT	565		626	636	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2016	141	Hermann, M; Weigelt, A; Assmann, D; Pfeifer, S; Muller, T; Conrath, T; Voigtlander, J; Heintzenberg, J; Wiedensohler, A; Martinsson, BG; Deshler, T; Brenninkmeijer, CAM; Zahn, A	An optical particle size spectrometer for aircraft-borne measurements in IAGOS-CARIBIC	ATMOSPHERIC MEASUREMENT TECHNIQUES	9	5	2179	2194	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2016	142	Heydebreck, F.; Tang, J.; Xie, Z.; Ebinghaus, R	Emissions of Per- and Polyfluoroalkyl Substances in a Textile Manufacturing Plant in China and Their Relevance for Workers' Exposure.	Environmental Science and Technology	50	19	10386	10396	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2016	143	Horsky, M., Irrgeher, J., Prohaska, T.	Evaluation strategies and uncertainty calculation of isotope amount ratios measured by MC ICP-MS on the example of Sr	Analytical and Bioanalytical Chemistry	408	2	351	367	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2016	144	Huang, Weixia; Xie, Zhiyong; Yan, Wen; et al.	Occurrence and distribution of synthetic musks and organic UV filters from riverine and coastal sediments in the Pearl River estuary of China	MARINE POLLUTION BULLETIN	111	1 bis 2	153	159	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2016	145	Irrgeher, J.; Galler, P.; Prohaska, T	⁸⁷ Sr/ ⁸⁶ Sr isotope ratio measurements by laser ablation multicollector inductively coupled plasma mass spectrometry: Reconsidering matrix interferences in biopapatites and biogenic carbonates	Spectrochimica Acta B	125		31	42	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2016	146	Irrgeher, J; Prohaska, T	Application of non-traditional stable isotopes in analytical ecogeochemistry assessed by MC ICP-MS: A critical review	ANALYTICAL AND BIOANALYTICAL CHEMISTRY	408	2	369	385	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2016	147	Jacob, J.; Sanders, T.; Daehnke, K.	Nitrite consumption and associated isotope changes during a river flood event	Biogeosciences	13	19	5649	5659	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2016	148	Kakuschke, A., Griesel, S.	Essential and Toxic Elements in Blood Samples of Harbor Seals (<i>Phoca vitulina</i>) from the Islands Helgoland (North Sea) and Anholt (Baltic Sea): A Comparison Study with Urbanized Areas	Archives of Environmental Contamination and Toxicology	70	1	67	74	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2016	149	Karl, M; Kukkonen, J; Keuken, MP; Lutzenkirchen, S; Pirjola, L; Hussein, T	Modeling and measurements of urban aerosol processes on the neighborhood scale in Rotterdam, Oslo and Helsinki	ATMOSPHERIC CHEMISTRY AND PHYSICS	16	8	4817	4835	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2016	150	Kirchgeorg, T.; Dreyer, A.; Gabrielli, P.; Gabrieli, J.; Thompson, L.G.; Barbante, C.; Ebinghaus, R.	Seasonal accumulation of persistent organic pollutants on a high altitude glacier in the Eastern Alps.	Environmental Pollution	219		804	812	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2016	151	Kukkonen, J; Karl, M; Keuken, MP; van der Gon, HACD; Denby, BR; Singh, V; Douros, J; Manders, A; Samaras, Z; Moussiopoulos, N; Jonkers, S; Aarnio, M; Karppinen, A; Kangas, L; Lutzenkirchen, S; Petaja, T; Vouitsis, I; Sokhi, RS	Modelling the dispersion of particle numbers in five European cities	GEOSCIENTIFIC MODEL DEVELOPMENT	9	2	451	478	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas

2016	152	Lai, SC; Song, JW; Song, TL; Huang, ZJ; Zhang, YY; Zhao, Y; Liu, GC; Zheng, JY; Mi, WY; Tang, JH; Zou, SC; Ebinghaus, R; Xie, ZY	Neutral polyfluoroalkyl substances in the atmosphere over the northern South China Sea	ENVIRONMENTAL POLLUTION	214		449	455	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2016	153	Lehnert, K; Ronnenberg, K; Weijs, L; Covaci, A; Das, K; Hellwig, V; Siebert, U	Xenobiotic and Immune-Relevant Molecular Biomarkers in Harbor Seals as Proxies for Pollutant Burden and Effects	ARCHIVES OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY	70	1	106	120	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2016	154	Lucas, J; Koester, I; Wichels, A; Niggemann, J; Dittmar, T; Callies, U; Wiltshire, KH; Gerdts, G	Short-Term Dynamics of North Sea Bacterioplankton: Dissolved Organic Matter Coherence on Molecular Level	FRONTIERS IN MICROBIOLOGY	7				RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2016	155	Matthias, V; Aulinger, A; Backes, A; Bieser, J; Geyer, B; Quante, M; Zeretke, M	The impact of shipping emissions on air pollution in the greater North Sea region - Part 2: Scenarios for 2030	ATMOSPHERIC CHEMISTRY AND PHYSICS	16	2	759	776	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2016	156	Mbaye, ML; Gaye, AT; Spitz, A; Dahnke, K; Afouda, A; Gaye, B	Seasonal and spatial variation in suspended matter, organic carbon, nitrogen, and nutrient concentrations of the Senegal River in West Africa	LIMNOLOGICA	57		1	13	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2016	157	Meija, J., Coplen, T.B., Berglund, M., Brand, W.A., De Bievre, P., Gröning, M., Holden, N.E., Irrgeher, J., Loss, R.D., Wlacyk, T., Prohaska, T.	Isotopic compositions of the elements 2013 (IUPAC Technical Report)	PURE AND APPLIED CHEMISTRY	88	3	293	306	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2016	158	Meija, J; Coplen, TB; Berglund, M; Brand, WA; De Bievre, P; Groning, M; Holden, NE; Irrgeher, J; Loss, RD; Walczyk, T; Prohaska, T	Atomic weights of the elements 2013 (IUPAC Technical Report)	PURE AND APPLIED CHEMISTRY	88	3	265	291	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2016	159	Nagel B., Gaye B., Lahajnar N., Struck U., Emeis K.-C.	Effects of current regimes and oxygenation on particulate matter preservation on the Namibian shelf: Insights from amino acid biogeochemistry	Marine Chemistry	186		121	132	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2016	160	Neumann D., Matthias V., Bieser J., Aulinger A., Quante M.	A comparison of sea salt emission parameterizations in northwestern Europe using a chemistry transport model setup	Atmospheric Chemistry and Physics	16	15	9905	9933	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2016	161	Neumann, A., Möbius, J., Hass, H. C., Puls, W., Friedrich, J.	Empirical model to estimate permeability of surface sediments in the German Bight (North Sea)	Journal of Sea Research	127		36	45	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2016	162	Neumann, A; Lahajnar, N; Emeis, KC	Benthic remineralisation rates in shelf and slope sediments of the northern Benguela upwelling margin	CONTINENTAL SHELF RESEARCH	113		47	61	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2016	163	Neumann, D; Matthias, V; Bieser, J; Aulinger, A; Quante, M	Sensitivity of modeled atmospheric nitrogen species and nitrogen deposition to variations in sea salt emissions in the North Sea and Baltic Sea regions	ATMOSPHERIC CHEMISTRY AND PHYSICS	16	5	2921	2942	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2016	164	Neumann, Daniel; Bieser, Johannes; Aulinger, Armin; et al.	Effect of Sea Salt Emissions on Anthropogenic Air Pollution and Nitrogen Deposition in Northwestern Europe	AIR POLLUTION MODELING AND ITS APPLICATION XXIV			55	59	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2016	165	Petersen, J; Profrock, D; Paschke, A; Broekaert, JAC; Prange, A	Development and field test of a mobile continuous flow system utilizing Chemcatcher for monitoring of rare earth elements in marine environments	ENVIRONMENTAL SCIENCE-WATER RESEARCH & TECHNOLOGY	2	1	146	153	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2016	166	Prohaska, T.; Irrgeher, J.; Zitek, A.	Simultaneous multi-element and isotope ratio imaging of fish otoliths by laser ablation split stream	Journal of Analytical Atomic Spectrometry	31	8	1612	1621	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas

2016	167	Richter, J; Elordui-Zapatarietxe, S; Emteborg, H; Fettig, I; Cabillic, J; Alasonati, E; Gantois, F; Swart, C; Gokcen, T; Tunc, M; Binici, B; Rodriguez-Cea, A; Zuliani, T; Gago, A; Profrock, D; Nousiainen, M; Sawal, G; Buzoianu, M; Philipp, R	An interlaboratory comparison on whole water samples	ACCREDITATION AND QUALITY ASSURANCE	21	2	121	129	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2016	168	Rottgers, R; Doxaran, D; Dupouy, C	Quantitative filter technique measurements of spectral light absorption by aquatic particles using a portable integrating cavity absorption meter (QFT-ICAM)	OPTICS EXPRESS	24	2	A1	A20	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2016	169	Schwichtenberg, F., Callies, U., Groll, N., Maßmann, S.	Effects of chemical dispersants on oil spill drift paths in the German Bight—probabilistic assessment based on numerical ensemble simulations	Geo-Marine Letters			1	8	RU 2 - Biogeochemistry in Coastal Seas RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2016	170	Slemr, F; Brenninkmeijer, CA; Rauthe-Schoch, A; Weigelt, A; Ebinghaus, R; Brunke, EG; Martin, L; Spain, TG; O'Doherty, S	El Nino-Southern Oscillation influence on tropospheric mercury concentrations	GEOPHYSICAL RESEARCH LETTERS	43	4	1766	1771	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2016	171	Slemr, F; Weigelt, A; Ebinghaus, R; Kock, HH; Bodewadt, J; Brenninkmeijer, CAM; Rauthe-Schoch, A; Weber, S; Hermann, M; Becker, J; Zahn, A; Martinsson, B	Atmospheric mercury measurements onboard the CARIBIC passenger aircraft	ATMOSPHERIC MEASUREMENT TECHNIQUES	9	5	2291	2302	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2016	172	Soto-Alvaredo, J., Dutschke, F., Bettmer, J., Montes-Bayón, M., Profrock, D., Prange, A.	Initial results on the coupling of sedimentation field-flow fractionation (SdFFF) to inductively coupled plasma-tandem mass spectrometry (ICP-MS/MS) for the detection and characterization of TiO ₂ nanoparticles	Journal of Analytical Atomic Spectrometry	31	7	1549	1555	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2016	173	Sprovieri F., Pirrone N., Bencardino M., D'Amore F., Carbone F., Cinnirella S., Mannarino V., Landis M., Ebinghaus R., Weigelt A., Brunke E.-G., Labuschagne C., Martin L., Munthe J., Wängberg I., Artaxo P., Morais F., De Melo Jorge Barbosa H., Brito J., Cairns W., Barbante C., Del Carmen Diéguez M., Elizabeth Garcia P., Aurélien D., Angot H., Magand O., Skov H., Horvat M., Kotnik J., Alana Read K., Mendes Neves L., Manfred Gawlik B., Sena F., Mashyanov N., Obolkin V., Wip D., Bin Feng X., Zhang H., Fu X., Ramachandran R., Cossa D., Knoery J., Maruszczak N., Nerentorp M., Norstrom C.	Atmospheric mercury concentrations observed at ground-based monitoring sites globally distributed in the framework of the GMOS network	Atmospheric Chemistry and Physics	16	18	11915	11935	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2016	174	Suehring, Roxana; Ortiz, Xavier; Pena-Abaurea, Miren; et al.	Evidence for High Concentrations and Maternal Transfer of Substituted Diphenylamines in European Eels Analyzed by Two-Dimensional Gas Chromatography-Time-of-Flight Mass Spectrometry and Gas Chromatography-Fourier Transform Ion Cyclotron Resonance Mass Spectrometry	ENVIRONMENTAL SCIENCE & TECHNOLOGY	50	23	12678	12685	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas

2016	175	Sühring, R; Busch, F; Fricke, N; Kotke, D; Wolschke, H; Ebinghaus, R	Distribution of brominated flame retardants and dechloranes between sediments and benthic fish - A comparison of a freshwater and marine habitat	SCIENCE OF THE TOTAL ENVIRONMENT	542		578	585	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2016	176	Sühring, R., Wolschke, H., Diamond, M.L., Jantunen, L.M., Scheringer, M.	Distribution of organophosphate esters between the gas and particle phase-model predictions vs measured data	Environmental Science and Technology	50	13	6644	6651	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2016	177	Swart, C; Gantois, F; Petrov, P; Entwisle, J; Goenaga-Infante, H; Nousiainen, M; Bilsel, M; Binici, B; Gonzalez-Gago, A; Proffrock, D; Goren, AC	Potential reference measurement procedures for PBDE in surface water at levels required by the EU Water Frame Directive	TALANTA	152		251	258	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2016	178	Vivanco, M. G., Bessagnet, B., Cuvelier, C., Theobald, M. R., Tsyro, S., Pirovano, G., . . . Ung, A.	Joint analysis of deposition fluxes and atmospheric concentrations of inorganic nitrogen and sulphur compounds predicted by six chemistry transport models in the frame of the EURODELTAIII project	Atmospheric Environment	151		152	175	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2016	179	Weigelt, A; Ebinghaus, R; Pirrone, N; Bieser, J; Bodewadt, J; Esposito, G; Slemr, F; van Velthoven, PFJ; Zahn, A; Ziereis, H	Tropospheric mercury vertical profiles between 500 and 10aEuro-000 m in central Europe	ATMOSPHERIC CHEMISTRY AND PHYSICS	16	6	4135	4146	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2016	180	Weigelt, Andreas; Slemr, Franz; Ebinghaus, Ralf; et al.	Mercury emissions of a coal-fired power plant in Germany	ATMOSPHERIC CHEMISTRY AND PHYSICS	16	21	13653	13668	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2016	181	Wolschke, H; Suhring, R; Mi, WY; Moller, A; Xie, ZY; Ebinghaus, R	Atmospheric occurrence and fate of organophosphorus flame retardants and plasticizer at the German coast	ATMOSPHERIC ENVIRONMENT	137		1	5	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2016	182	Zhang, F; Chen, YJ; Tian, CG; Lou, DM; Li, J; Zhang, G; Matthias, V	Emission factors for gaseous and particulate pollutants from offshore diesel engine vessels in China	ATMOSPHERIC CHEMISTRY AND PHYSICS	16	10	6319	6334	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2016	183	Zhen, XM; Tang, JH; Xie, ZY; Wang, RM; Huang, GP; Zheng, Q; Zhang, K; Sun, YG; Tian, CG; Pan, XH; Li, J; Zhang, G	Polybrominated diphenyl ethers (PBDEs) and alternative brominated flame retardants (aBFRs) in sediments from four bays of the Yellow Sea, North China	ENVIRONMENTAL POLLUTION	213		386	394	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas
2016	184	Zitek, A; Irrgeher, J; Prohaska, T	Applications of isotopes in analytical ecogeochemistry	ANALYTICAL AND BIOANALYTICAL CHEMISTRY	408	2	341	343	RU 2 - Biogeochemistry in Coastal Seas	Topic 2 - Fragile Coasts and Shelf Seas