

Publ.-Year	No.	Authors	Title	Source	Volume	Issue	Beginpage	Endpage	Participating Research Units	HGF Program PACES II: Topic
2013	1	Ackerley D., Lorrey A., Renwick J., Phipps S.J., Wagner S., Fowler A.	High-resolution modelling of mid-Holocene New Zealand climate at 6000 yr BP	Holocene	23	9	1272	1285	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2013	2	Ahmed, Moinuddin; Anchukaitis, Kevin J.; Asrat, Asfawossen; Borgeonkar, Hemant P.; Braida, Martina; Buckley, Brendan M.; Buntgen, Ulf; Chase, Brian M.; Christie, Duncan A.; Cook, Edward R.; Curran, Mark A. J.; Diaz, Henry F.; Esper, Jan; Fan, Ze-Xin; Gaire, Narayan P.; Ge, Quansheng; Gergis, Joelle; Gonzalez-Rouco, J. Fidel; Goose, Hugues; Grab, Stefan W.; Graham, Nicholas; Graham, Rochelle; Grosjean, Martin; Hanhijarvi, Sami T.; Kaufman, Darrell S.; Kiefer, Thorsten; Kimura, Katsuhiko; Korhola, Atte A.; Krusic, Paul J.; Lara, Antonio; Lezine, Anne-Marie; Ljungqvist, Fredrik C.; Lorrey, Andrew M.; Luterbacher, Jurg; Masson-Delmotte, Valerie; McCarroll, Danny; McConnell, Joseph R.; McKay, Nicholas P.; Morales, Mariano S.; Moy, Andrew D.; Mulvaney, Robert; Mundo, Ignacio A.; Nakatsuka, Takeshi; Nash, David J.; Neukom, Raphael; Nicholson, Sharon E.; Oerter, Hans; Palmer, Jonathan G.; Phipps, Steven J.; Prieto, Maria R.; Rivera, Andres; Sano, Masaki; Severi, Mirko; Shanahan, Timothy M.; Shao, Xuemei; Shi, Feng; Sigl, Michael; Smerdon, Jason E.; Solomina, Olga N.; Steig, Eric J.; Stenni, Barbara; Thamban, Meloth; Trouet, Valerie; Turney, Chris S. M.; Umer, Mohammed; van Ommen, Tas; Verschuren, Dirk; Viau, Andre E.; Villalba, Ricardo; Vinther, Bo M.; von Gunten, Lucien; Wagner, Sebastian; Wahl, Eugene R.; Wanner, Heinz; Werner, Johannes P.; White, James W. C.; Yasue, Koh; Zorita, Eduardo	Continental-scale temperature variability during the past two millennia	NATURE GEOSCIENCE	6	5	339	346	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2013	3	Barkhordarian, Armineh; von Storch, Hans; Bhend, Jonas	The expectation of future precipitation change over the Mediterranean region is different from what we observe	CLIMATE DYNAMICS	40	1 bis 2	225	244	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2013	4	Bothe, O., Jungclaus, J., Zorita, E., et al.	Climate of the last millennium: Ensemble consistency of simulations and reconstructions	Climate of the past	9	03. Jan	1089	1110	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2013	5	Bunde, Armin; Buentgen, Ulf; Ludescher, Josef; Luterbacher, Juerg; von Storch, Hans	Is there memory in precipitation?	NATURE CLIMATE CHANGE	3	3	174	175	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2013	6	Busch, Malte; Kannen, Andreas; Garthe, Stefan; Jessopp, Mark	Consequences of a cumulative perspective on marine environmental impacts: Offshore wind farming and seabirds at North Sea scale in context of the EU Marine Strategy Framework Directive	OCEAN & COASTAL MANAGEMENT	71		213	224	RU 1 - System Analysis and Modelling	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services
2013	7	Cavicchia L., von Storch H., Gualdi S.	A long-term climatology of medicanes	Climate Dynamics			1	13	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2013	8	Chang Y., Kannen, A., et al.	An interactive dynamic multi-objective programming model to support better land use planning	Land use Policy	36		13	22	RU 1 - System Analysis and Modelling	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services
2013	9	Chen, Fei; von Storch, Hans	Trends and Variability of North Pacific Polar Lows	ADVANCES IN METEOROLOGY					RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2013	10	Cunningham L.K., Austin W.E., Knudsen K.L., Eiriksson J., Scourse J.D., Wanamaker A.D., Butler P.G., Cage A.G., Richter T., Husum K., Hald M., Andersson C., Zorita E., Linderholm H.W., Gunnarson B.E., Sicre M.-A., Sejrup H.P., Jiang H., Wilson R.J.	Reconstructions of surface ocean conditions from the northeast Atlantic and Nordic seas during the last millennium	Holocene	23	7	921	935	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2013	11	Errasti I., Ezcurra A., Saenz J., Ibarra-Berastegi G., Zorita E.	Comparison of the main characteristics of the daily zonally averaged surface air temperature as represented by reanalysis and seven CMIP3 models	Theoretical and Applied Climatology			1	20	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas

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2013	12	Esnaola G., Saenz J., Zorita E., Fontan A., Valencia V., Lazure P.	Daily scale wintertime sea surface temperature and IPC-Navidad variability in the southern Bay of Biscay from 1981 to 2010	Ocean Science	9	4	655	679	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2013	13	Esper, Jan; Schneider, Lea; Krusic, Paul J.; Luterbacher, Juerg; Buentgen, Ulf; Timonen, Mauri; Sirocko, Frank; Zorita, Eduardo	European summer temperature response to annually dated volcanic eruptions over the past nine centuries	BULLETIN OF VOLCANOLOGY	75	7			RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2013	14	Fernandez-Donado, L.; Gonzalez-Rouco, J. F.; Raible, C. C.; Ammann, C. M.; Barriopedro, D.; Garcia-Bustamante, E.; Jungclaus, J. H.; Lorenz, S. J.; Luterbacher, J.; Phipps, S. J.; Servonnat, J.; Swingedouw, D.; Tett, S. F. B.; Wagner, S.; Yiou, P.; Zorita, E.	Large-scale temperature response to external forcing in simulations and reconstructions of the last millennium	CLIMATE OF THE PAST	9	1	393	421	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2013	15	Gaslikova, Lidia; Grabemann, Iris; Groll, Nikolaus	Changes in North Sea storm surge conditions for four transient future climate realizations	NATURAL HAZARDS	66	3	1501	1518	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2013	16	Gomez-Navarro J.J., Montavez J.P., Wagner S., Zorita E.	A regional climate palaeosimulation for Europe in the period 1500-1990 - Part 1: Model validation	Climate of the Past	9	4	1667	1682	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2013	17	Gomez-Navarro, J. J.; Zorita, E.	Atmospheric annular modes in simulations over the past millennium: No long-term response to external forcing	GEOPHYSICAL RESEARCH LETTERS	40	12	3232	3236	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2013	18	Groll, N., Grabemann, I., Gaslikova, L.	North sea waveconditions: An analysis of four transient future climate realizations	Ocean Dynamics	157		170	184	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2013	19	Hofmeister, R., Bolding, K., et al.	The dynamics of colling water discharge i a shallow, non-tidal embayment	Continental Shelf Research	71		68	77	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2013	20	Hofmeister, R., Bollding, K., et al.	The dynamics of colling water discharge i a shallow, non-tidal embayment	Continental Shelf Research	71		68	71	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2013	21	Holdschlag, Arnd; Ratter, Beate M. W.	Multiscale system dynamics of humans and nature in The Bahamas: perturbation, knowledge, panarchy and resilience	SUSTAINABILITY SCIENCE	8	3	407	421	RU 1 - System Analysis and Modelling	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services
2013	22	Jerez, Sonia; Pedro Montavez, Juan; Jimenez-Guerrero, Pedro; Jose Gomez-Navarro, Juan; Lorente-Plazas, Raquel; Zorita, Eduardo	A multi-physics ensemble of present-day climate regional simulations over the Iberian Peninsula	CLIMATE DYNAMICS	40	11 bis 12	3023	3046	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2013	23	Keromoglu O., Rinke, K.	Stratification dynamics in a shallow reservoir under different hydro-meteorological scenarios and operational strategies	Water Resources Research	49	11	7518	7527	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2013	24	Klehmet K., Geyer B., Rockel B.	A regional climate model hindcast for Siberia: Analysis of snow water equivalent	Cryosphere	7	4	1017	1034	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2013	25	Krueger O., Feser F., Barring L., Kaas E., Schmith T., Tuomenvirta H., von Storch H.	Comment on "Trends and low frequency variability of extra-tropical cyclone activity in the ensemble of twentieth century reanalysis" by Xiaolan L. Wang, Y. Feng, G. P. Compo, V. R. Swail, F. W. Zwiers, R. J. Allan, and P. D. Sardeshmukh, Climate Dynamics, 2012	Climate Dynamics			1	2	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2013	26	Krueger, Oliver; Schenk, Frederik; Feser, Frauke; Weisse, Ralf	Inconsistencies between Long-Term Trends in Storminess Derived from the 20CR Reanalysis and Observations	JOURNAL OF CLIMATE	26	3	868	874	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2013	27	Li M. , Ge, J., Kappenberg, J., et al.	Morphodynamic processes of the elbe river estuary, germany: The coriolis effect, tidal asymmetry and human dredging	Frontiers of Earth Science	80		599	611	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas

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2013	28	Liu F., Su J., Moll A., Krasemann H., Chen X., Pohlmann T., Wirtz K.	Assessment of the summer-autumn bloom in the Bohai Sea using satellite images to identify the roles of wind mixing and light conditions	Journal of Marine Systems					RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2013	29	Mayer I., Zhou Q., Lo J., Abspoel L., Keijser X., Olsen E., Nixon E., Kannen A.	Integrated, ecosystem-based Marine Spatial Planning: Design and results of a game-based, quasi-experiment	Ocean and Coastal Management	82		7	26	RU 1 - System Analysis and Modelling	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services
2013	30	Mayr, C.; Luecke, A.; Wagner, S.; Wissel, H.; Ohlendorf, C.; Haberzettl, T.; Oehlerich, M.; Schaebitz, F.; Wille, M.; Zhu, J.; Zolitschka, B.	Intensified Southern Hemisphere Westerlies regulated atmospheric CO2 during the last deglaciation	GEOLOGY	41	8	831	834	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2013	31	McCarroll D.	A 1200-year multiproxy record of tree growth and summer temperature at the northern pine forest limit of multiproxy record of tree growth and summer temperature at the northern pine forest limit of Europe	The Holocene	23	4	471	484	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2013	32	Meunier C.L., Schulz K., Boersma M., Malzahn A.M.	Impact of swimming behaviour and nutrient limitation on predator-prey interactions in pelagic microbial food webs	Journal of Experimental Marine Biology and Ecology	446		29	35	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2013	33	Müller S., Stanev E.V., et al.	Atmospheric boundary layer rolls: Quantification of their effect on the hydrodynamics in the German Bight	Journal of Geophysical Research	118	10	5036	5053	RU 1 - System Analysis and Modelling	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services
2013	34	Saeed S., Van Lipzig N., Muller W.A., Saeed F., Zanchettin D.	Influence of the circumglobal wave-train on European summer precipitation	Climate Dynamics			1	13	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2013	35	Schoo, Katherina L.; Malzahn, Arne M.; Krause, Evamaria; Boersma, Maarten	Increased carbon dioxide availability alters phytoplankton stoichiometry and affects carbon cycling and growth of a marine planktonic herbivore	MARINE BIOLOGY	160	8	2145	2155	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2013	36	Semedo A., Weisse, R., Behres, A., et al.	Projection of Global Wave Climate Change toward the End of the Twenty-First Century	Journal of climate	26	26	21	8269	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2013	37	Stanev, E. V.; He, Y.; Grayek, S.; Boetius, A.	Oxygen dynamics in the Black Sea as seen by Argo profiling floats	GEOPHYSICAL RESEARCH LETTERS	40	12	3085	3090	RU 1 - System Analysis and Modelling	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services
2013	38	von Storch H., Zwiers F.	Testing ensembles of climate change scenarios for "statistical significance"	Climatic Change	117	1 bis 2	1	9	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2013	39	Wahl T., Haigh I.D., Woodworth P.L., Albrecht F., Dillingh D., Jensen J., Nicholls R.J., Weisse R., Woppelmann G.	Observed mean sea level changes around the North Sea coastline from 1800 to present	Earth-Science Reviews	124		51	67	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2013	40	Ward B.A., Schartau M., Oschlies A., Martin A.P., Follows M.J., Anderson T.R.	When is a biogeochemical model too complex? Objective model reduction and selection for North Atlantic time-series sites	Progress in Oceanography	116		49	65	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2013	41	Wirtz K.W.	Mechanistic origins of variability in phytoplankton dynamics: Part I: Niche formation revealed by a size-based model	Marine Biology	160	9	2319	2335	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2013	42	Wirtz K.W., Sommer U.	Mechanistic origins of variability in phytoplankton dynamics. Part II: Analysis of mesocosm blooms under climate change scenarios	Marine Biology	160	9	2503	2516	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2013	43	Wirtz, Kai W.	How fast can plankton feed? Maximum ingestion rate scales with digestive surface area	JOURNAL OF PLANKTON RESEARCH	35	1	33	48	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2013	44	Xia, Lan; von Storch, Hans; Feser, Frauke	Quasi-stationarity of centennial Northern Hemisphere midlatitude winter storm tracks	CLIMATE DYNAMICS	41	3 bis 4	901	916	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas

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2013	45	Zahn ,M., Allan, P.	Quantifying present and projected future atmospheric moisture transports onto land	Water Resources Research	49	11	7266	7277	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2013	46	Zhang W., Harff J., Schneider R., Meyer M., Zorita E., Hunicke B.	Holocene morphogenesis at the southern Baltic Sea: Simulation of multi-scale processes and their interactions for the Darss-Zingst peninsula	Journal of Marine Systems					RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2014	47	Acosta Navarro, J.C., Smolander, S., Struthers, H., Zorita, E., Ekman, A.M.L., Kaplan, J.O., Guenther, A., Arneeth, A., Riipinen, I.	Global emissions of terpenoid VOCs from terrestrial vegetation in the last millennium	Journal of Geophysical Research: Atmospheres	119	11	6867	6885	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2014	48	Albrecht, F., Weisse, R.	Pressure effects on regional mean sea level trends in the German Bight in the twenty-first century	Ocean Dynamics	64	5	633	642	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2014	49	Cavicchia, L. Storch v. H., Hans, G.S.	A long-term climatology of medicanes	Climate Dynamics	43	5-6	1183	1195	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2014	50	Chang, Y.-C., Ko, T.-T.	An interactive dynamic multi-objective programming model to support better land use planning	Land Use Policy	36		13	22	RU 1 - System Analysis and Modelling	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services
2014	51	Chen, F., von Storch, H., Zeng, L., Du, Y.	Polar Low genesis over the North Pacific under different global warming scenarios	Climate Dynamics					RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2014	52	Dangendorf, S., Müller-Navarra, S., Jensen, J., Schenk, F., Wahl, T., Weisse, R.	North sea storminess from a novel storm surge record since AD 1843	Journal of Climate	27	10	3582	3595	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2014	53	Dangendorf, S., Rybski, D., Mudersbach, C., Müller, A., Kaufmann, E., Zorita, E., Jensen, J.	Evidence for long-term memory in sea level	Geophysical Research Letters	41				RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2014	54	Döring, M., Zunino, F.	NatureCultures in Old and New Worlds. Steps towards an ecolinguistic perspective on framing a 'new' continent	Language Sciences	41		34	40	RU 1 - System Analysis and Modelling	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services
2014	55	Dosio, A., Panitz, H.-J., Schubert-Frisius, M., Lüthi, D.	Dynamical downscaling of CMIP5 global circulation models over CORDEX-Africa with COSMO-CLM: evaluation over the present climate and analysis of the added value	Climate Dynamics					RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2014	56	Fan, Y.M., Günther, H., Kao, C.C., Lee, B.C.	Assimilation of decomposed in situ directional wave spectra into a numerical wave model of typhoon waves	Natural Hazards and Earth System Sciences	14	1	73	80	RU 1 - System Analysis and Modelling	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services
2014	57	Feser, F., Barcikowska, M., Krueger, O., Schenk, F., Weisse, R., Xia, L.	Storminess over the North Atlantic and northwestern Europe-A review	Quarterly Journal of the Royal Meteorological Society					RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2014	58	Ge J., Much D., Kappenberg, J.	Simulating storm flooding maps over HafenCity under present and sea level rise scenarios	Journal of Flood Risk Management	7	4	319	331	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2014	59	Geyer, B.	High-resolution atmospheric reconstruction for Europe 1948-2012: CoastDat2	Earth System Science Data	6	1	147	164	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2014	60	Gittel, A., Bárta, J., Kohoutová, I., Mikutta, R., Owens, S., Gilbert, J., Schnecker, J., Wild, B., Hannisdal, B., Maerz, J., Lashchinskiy, N., Čapek, P., Šantrůčková, H., Gentsch, N., Shibistova, O., Guggenberger, G., Richter, A., Torsvik, V.L., Schleper, C., Urich, T.	Distinct microbial communities associated with buried soils in the siberian tundra	ISME Journal	8	4	841	853	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2014	61	Groll, N., Grabemann, I., Gaslikova, L.	North Sea wave conditions: An analysis of four transient future climate realizations	Ocean Dynamics	64	1	1	12	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2014	62	I. Dorado-Liñán, E. Zorita, J. F. González-Rouco, I. Heinrich, F. Campello, L. Andreu-Hayles, E. Muntán, E. Gutiérrez	Eight-hundred years of summer temperature variations in the southeast of the Iberian Peninsula reconstructed from tree rings	Climate Dynamics	44	(1-2)	75	93	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas

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2014	63	I. Dorado-Liñán, E. Zorita, J. F. González-Rouco, I. Heinrich, F. Campello, L. Andreu-Hayles, E. Muntán, E. Gutiérrez	Erratum to: Eight-hundred years of summer temperature variations in the southeast of the Iberian Peninsula reconstructed from tree rings	Climate Dynamics					RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2014	64	Jacquet, S., Kerimoglu, O., Rimet, F.	Cyanobacterial bloom termination: the disappearance of Panktothrix rubescens from Lake Bourget (France) after restoration	Freshwater Biology	59	12	2472	2487	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2014	65	Kannen A.	Challenges for marine spatial planning in the context of multiple sea uses, policy arenas and actors based on experiences from the German North Sea	Regional Environmental Change	14	6	2139	2150	RU 1 - System Analysis and Modelling	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services
2014	66	Kerr, S., Watts, L., Colton, J., Conway, F., Hull, A., Johnson, K., Jude, S., Kannen, A., MacDougall, S., McLachlan, C., Potts, T., Vergunst, J.	Establishing an agenda for social studies research in marine renewable energy	Energy Policy	67		694	702	RU 1 - System Analysis and Modelling	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services
2014	67	Krueger, O., Feser, F., Bärring, L., Kaas, E., Schmith, T., Tuomenvirta, H., von Storch, H.	Comment on "Trends and low frequency variability of extra-tropical cyclone activity in the ensemble of twentieth century reanalysis" by Xiaolan L. Wang, Y. Feng, G. P. Compo, V. R. Swail, F. W. Zwiers, R. J. Allan, and P. D. Sardeshmukh, Climate Dynamics, 2012	Climate Dynamics	42	3-4	1127	1128	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2014	68	Lange, S., Rockel, B., Volkholz, J., Bookhagen, B.	Regional climate model sensitivities to parametrizations of convection and non-precipitating subgrid-scale clouds over South America	Climate Dynamics					RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2014	69	Lemmen, C., Wirtz, KW.	On the sensitivity of the simulated European Neolithic transition to climate extremes	Journal of Archaeological Science	51		65	72	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2014	70	Li, M., Ge, J., Kappenberg, J., Much, D., Nino, O., Chen, Z.	Morphodynamic processes of the Elbe River estuary, Germany: The Coriolis effect, tidal asymmetry and human dredging	Frontiers of Earth Science	8	2	181	189	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2014	71	Meier, H.E.M., Andersson, H.C., Arheimer, B., Donnelly, C., Eilola, K., Gustafsson, B.G., Kotwicki, L., Neset, T.-S., Niiranen, S., Piwowarczyk, J., Savchuk, O.P., Schenk, F., Węśławski, J.M., Zorita, E.	Ensemble modeling of the Baltic Sea ecosystem to provide scenarios for management	Ambio	43	1	37	48	RU 1 - System Analysis and Modelling	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services
2014	72	Meier, H.E.M., Rutgersson, A., Reckermann, M.	An Earth System Science program for the Baltic Sea region	Eos	95	13	109	110	RU 1 - System Analysis and Modelling	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services
2014	73	Monbaliu, J., Chen, Z., Felts, D., Ge, J., Hissel, F., Kappenberg, J., Narayan, S., Nicholls, R.J., Ohle, N., Schuster, D., Sothmann, J., Willems, P.	Risk assessment of estuaries under climate change: Lessons from Western Europe	Coastal Engineering	87		32	49	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2014	74	Pein, J., Stanev, E.V., Zhang, Y.J.	The tidal asymmetries and residual flows in Ems Estuary	Ocean Dynamics	64	12	1719	1741	RU 1 - System Analysis and Modelling	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services
2014	75	Ratter, B.M.W., Phiupp, K., Weig, B.	Coast as Heimat - Perceptions and sustainable regional development on the North Sea Coast and the Elbe estuary [Heimat Küste: Wahrnehmung durch die Bevölkerung und nachhaltige Regionalentwicklung an Nordseeküste und Tideelbe]	Geographische Rundschau	66	3	22	28	RU 1 - System Analysis and Modelling	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services
2014	76	Rausser, Florian, Andreas Schmidt, Sebastian Sonntag, Diana Süsser	ICYESS2013: Uncertainty as an example of interdisciplinary language problems	Bulletin of the American Meteorological Society	95		106	108	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2014	77	Rutgersson, A., Jaagus, J., Schenk, F.	Observed changes and variability of atmospheric in the Baltic Sea region during the last 200 years	Climate Research	61	2	5707	5732	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas

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2014	78	Smith, S.L., Merico, A., Wirtz, K.W., Pahlow, M.	Leaving misleading legacies behind in plankton ecosystem modelling	Journal of Plankton Research	36	3	613	620	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2014	79	Soomere, Tarmo; Doos, Kristofer; Lehmann, Andreas; Meier, H. E. Markus; Murawski, Jens; Myrberg, Kai; Stanev, Emil	The Potential of Current- and Wind-Driven Transport for Environmental Management of the Baltic Sea	AMBIO	43	1	94	104	RU 1 - System Analysis and Modelling	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services
2014	80	Stanev, E.V., Al-Nadhairi, R., Staneva, J., Schulz-Stellenfleth, J., Valle-Levinson, A.	Tidal wave transformations in the German Bight	Ocean Dynamics	64	7	951	968	RU 1 - System Analysis and Modelling	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services
2014	81	Stanev, EV, Y He, J Staneva and E Yakushev	Mixing in the Black Sea detected from the temporal and spatial variability of oxygen and sulfide – Argo float observations and numerical modelling	Biogeosciences	11		5707	5732	RU 1 - System Analysis and Modelling	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services
2014	82	Storch v. H., Feser, F., Haeseler, S.	A violanet midlatitude storm in northern Germany and Denmark, 28 october 2013	Bulletin of the American Meteorological Society	95	9	76	78	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2014	83	Storch v.H.	Storm surges: Phenomena, forecasting and scenarios of change	Mechanics for the World: Proceedings of the 23rd International Congress of Theoretical and Applied Mechanics, ICTAM2012	10		356	362	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2014	84	Strandberg, G., Kjellström, E., Poska, A., Wagner, S., Gaillard, M.-J., Trondman, A.-K., Mauri, A., Davis, B.A.S., Kaplan, J.O., Birks, H.J.B., Bjune, A.E., Fyfe, R., Giesecke, T., Kalnina, L., Kangur, M., Van Der Knaap, W.O., Kokfelt, U., Kuneš, P., Lataowa, M., Marquer, L., Mazier, F., Nielsen, A.B., Smith, B., Seppä, H., Sugita, S.	Regional climate model simulations for Europe at 6 and 0.2 k BP: Sensitivity to changes in anthropogenic deforestation	Climate of the Past	10	2	661	680	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2014	85	Tölle, M.H., Krueger, S.K.	Effects of entrainment and mixing on droplet size distributions in warm cumulus clouds	Journal of Advances in Modeling Earth Systems	6	2	281	299	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2014	86	Varjopuro, R., Andrulewicz, E., Blenckner, T., Dolch, T., Heiskanen, AS, Pihlajamäki, M., Brandt, US, Valman, M., Gee, K., Potts, T.	Coping with persistent environmental problems: systemic delays in reducing eutrophication of the Baltic Sea	Ecology and Society	19		4	48	RU 1 - System Analysis and Modelling	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services
2014	87	Weisse, R., Bellafore, D., Menéndez, M., Méndez, F., Nicholls, R.J., Umgiesser, G., Willems, P.	Changing extreme sea levels along European coasts	Coastal Engineering	87		4	14	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2014	88	Wetter, O., Pfister, C., Werner, J.P., Zorita, E., Wagner, S., Seneviratne, S.I., Herget, J., Grünewald, U., Luterbacher, J., Alcoforado, M.-J., Barriendos, M., Bieber, U., Brázdil, R., Burmeister, K.H., Camenisch, C., Contino, A., Dobrovolný, P., Glaser, R., Himmelsbach, I., Kiss, A., Kotyza, O., Labbé, T., Limanówka, D., Litzenburger, L., Nordl, Ø., Pribyl, K., Retsö, D., Riemann, D., Rohr, C., Siegfried, W., Söderberg, J., Spring, J.-L.	The year-long unprecedented European heat and drought of 1540 - a worst case	Climatic Change	125	3-4	349	363	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2014	89	Wirtz, K.W.	A biomechanical and optimality-based derivation of prey-size dependencies in planktonic prey selection and ingestion rates	Marine Ecology Progress Series	507		81	94	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2014	90	Zhang, W., Harff, J., Schneider, R., Meyer, M., Zorita, E., Hünicke, B.	Holocene morphogenesis at the southern Baltic Sea: Simulation of multi-scale processes and their interactions for the Darss-Zingst peninsula	Journal of Marine Systems	129		4	18	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2014	91	Zhou, X., Matthes, H., Rinke, A., Rockel, B.	Evaluation of Arctic Land Snow Cover Characteristics, Surface Albedo, and Temperature during the Transition Seasons from Regional Climate Model Simulation and Satellite Data	Advances in Meteorology					RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2015	92	Alexander, Karen A.; Kershaw, Peter; Cooper, Philip; Kannen, A. et al.	Challenges of achieving Good Environmental Status in the Northeast Atlantic.	ECOLOGY AND SOCIETY	20	1 Article: 49			RU 1 - System Analysis and Modelling	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services

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2015	93	Anneville, Orlane; Domaizon, Isabelle; Kerimoglu, Onur; et al.	Blue-Green Algae in a "Greenhouse Century"? New Insights from Field Data on Climate Change Impacts on Cyanobacteria Abundance.	ECOSYSTEMS	18	3	441	458	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2015	94	Behrens, Arno	Development of an ensemble prediction system for ocean surface waves in a coastal area.	OCEAN DYNAMICS	65	4	469	486	RU 1 - System Analysis and Modelling	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services
2015	95	Bierstedt, S., Hünicke, B., Zorita, E.	Variability of wind direction statistics of mean and extreme wind events over the Baltic Sea region	Tellus	67				RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2015	96	Blenckner, Thorsten; Kannen, Andreas; Barausse, Alberto; et al.	Past and future challenges in managing European seas.	ECOLOGY AND SOCIETY	20	1			RU 1 - System Analysis and Modelling	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services
2015	97	Bothe, O.; Evans, M.; Fernandez Donado, L.; et al.	Continental-scale temperature variability in PMIP3 simulations and PAGES 2k regional temperature reconstructions over the past millennium.	Climate in the Past	11	12	1673	1699	RU 1 - System Analysis and Modelling	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services
2015	98	Bray, D., Martinez, G.	Climate-change lore and its implications for climate science: Post-science deliberations?	Futures	66		54	69	RU 1 - System Analysis and Modelling	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services
2015	99	Buentgen, U., Trnka, M., Zorita, E., et al.	Tree-Ring Amplification of the Early Nineteenth-Century Summer Cooling in Central Europe	Journal of Climate	28	13	5272	5288	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2015	100	Childers, K., Schrum, C. et al.	Directly measured currents and estimated transport pathways of Atlantic Water between 59.50N and the Iceland-Faroes-Scotland Ridge	Tellus A	67		28067		RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2015	101	Dallmeyer, A., Claussen, M., Fischer, N., Haberkorn, K., Wagner, S., Pfeiffer, M., Hertzschuh, U.	The evolution of sub-monsoon systems in the afro-asian monsoon region during the holocene - comparison of different transient climate model simulations.	Climate of the Past	11	2	305	326	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2015	102	Dangendorf, S., Wagner, S., et al.	Detecting anthropogenic footprints in sea level rise	Nature Communications		6	7849		RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2015	103	De Kerckhove, D. T., Rennie, M. D., & Cormier, R.	Censoring government scientists and the role of consensus in science advice: A structured process for scientific advice in governments and peer-review in academia should shape science communication strategies.	EMBO Reports	16	3	263	266	RU 1 - System Analysis and Modelling	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services
2015	104	Doering, M., Ratter, B.	"Heimat" as a boundary object? exploring the potentialities of a boundary object to instigate productive science-stakeholder interaction in north frisia (germany)	Environmental Science and Policy	54		448	455	RU 1 - System Analysis and Modelling	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services
2015	105	Dorado Linan, Isabel; Zorita, Eduardo; Fidel Gonzalez-Rouco, Jesus; et al.	Eight-hundred years of summer temperature variations in the southeast of the Iberian Peninsula reconstructed from tree rings.	Climate Dynamics	44	7_8	2329	2329	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2015	106	Dosio, Alessandro; Panitz, Hans-Juergen; Schubert-Frisius, Martina; et al.	Dynamical downscaling of CMIP5 global circulation models over CORDEX-Africa with COSMO-CLM: evaluation over the present climate and analysis of the added value.	CLIMATE DYNAMICS	44	9_10	2637	2661	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2015	107	Fan, Y.-M., Günther, H. et al.	Improved Boundary Values of Ocean Wave Fields Using A Data Assimilation Scheme	Journal of marine science and technology-Taiwan	23	6	943	950	RU 1 - System Analysis and Modelling	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services

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2015	108	Feng, Jianlong; Storch, Hans von; Jiang, Wensheng; Weisse, Ralf	Assessing changes in extreme sea levels along the coast of China	J. Geophys. Res. Oceans	120	12	8039	8051	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2015	109	Feser, F., Barcikowska, M., et al	Hurricane Gonzalo and its extratropical transition to a strong European storm	Bulletin of the American Meteorological Society	96	12	51	55	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2015	110	Feser, F.; Barcikowska, M.; Krueger, O.; et al.	Storminess over the North Atlantic and northwestern Europe - A review.	QUARTERLY JOURNAL OF THE ROYAL METEOROLOGICAL SOCIETY	141	687	350	382	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2015	111	Geyer, B., Weisse, R., Bisling, P., Winterfeldt, J.	Climatology of north sea wind energy derived from a model hindcast for 1958-2012	Journal of Wind Engineering and Industrial Aerodynamics	147		18	29	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2015	112	Gilbert, Alison J.; Alexander, Karen; Sarda, Rafael; Fischer, C. et al.	Marine spatial planning and Good Environmental Status: a perspective on spatial and temporal dimensions.	ECOLOGY AND SOCIETY	20	1 Article: 64			RU 1 - System Analysis and Modelling	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services
2015	113	Goennert, Gabriele; Gerkenmeier, Birgit	A Multi-Method Approach to Develop Extreme Storm Surge Events to Strengthen the Resilience of Highly Vulnerable Coastal Areas.	COASTAL ENGINEERING JOURNAL	57	1			RU 1 - System Analysis and Modelling	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services
2015	114	Gonzales-Riancho, P., Bothe, O., Wagner, S., Zorita, E., et al.	A regional climate palaeosimulation for Europe in the period 1550 - 1900 - part 2: Shortcomings and strengths of models and reconstruction	Climate of the past	11	8	1077	1095	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2015	115	González-Riancho, P., Gerkenmeier, B., Ratter, B. M. W., González, M., & Medina, R.	Storm surge risk perception and resilience: A pilot study in the German North Sea coast.	Ocean and Coastal Management	122		44	60	RU 1 - System Analysis and Modelling	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services
2015	116	Grabemann, Iris; Groll, Nikolaus; Moeller, Jens; et al.	Climate change impact on North Sea wave conditions: a consistent analysis of ten projections.	OCEAN DYNAMICS	65	2	255	267	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2015	117	Grashorn, S., Lettmann, K. A., Wolff, J. -, Badewien, T. H., & Stanev, E. V.	East Frisian Wadden Sea hydrodynamics and wave effects in an unstructured-grid model.	Ocean Dynamics	65	3	419	434	RU 1 - System Analysis and Modelling	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services
2015	118	Grayek, S., Stanev, E.V., Schulz-Stellenfleth, J.	Assessment of the Black Sea observing system. A focus on 2005-2012 argo campaigns	Ocean Dynamics	65		1665	1684	RU 1 - System Analysis and Modelling	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services
2015	119	Hetzel, Y., Hofmeister, R. et al.	Wind and tidal mixing controls on stratification and dense water outflows in a large hypersaline bay	J. of Geophysical Research-Oceans	120	9	6034	6056	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2015	120	Hinners, J., Hofmeister, R., & Hense, I.	Modeling the Role of pH on Baltic Sea Cyanobacteria	Life	5	2	1204	1217	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2015	121	Ho-Hagemann, H.T.M., et al.	On the role of soil moisture in the generation of heavy rainfall during the Oder flood event in July 1997	Tellus	67	28661			RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2015	122	Holinde, L., Stanev, E.V. et al.	Processing of water level derived from water pressure data at the time series station Spiekeroog	Earth System Science Data	7	2	289	297	RU 1 - System Analysis and Modelling	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services
2015	123	Holt, J., Schrum, C. et al.	Potential impacts of climate change on the primary production of regional seas. A comparative analysis of five European seas	Progress in Oceanography					RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2015	124	Hv Storch, K. Emeis, I. Meinke, A. Kannen, V. Matthias, B. W. Ratter, E. Stanev, R. Weisse and K. Wirtz	Making coastal research useful	Oceanologia	57	1	3	16	RU 1 - System Analysis and Modelling	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services
2015	125	Jacquet, S., Kerimoglu, O., Rimet, F., Paolini, G., & Anneville, O.	Cyanobacterial bloom termination: The disappearance of <i>Planktothrix rubescens</i> from Lake Bourget (France) after restoration.	Freshwater Biology	59	12	2472	2487	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas

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2015	126	Jannsen, A., Lemmen, C. et al.	Exploring, exploiting an evolving diversity of aquatic ecosystem models: a community perspective	Aquatic Ecology	49	4	513	548	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2015	127	Kourafalou, V., De Mey, P. Staneva, J., et al.	Coastal Ocean Forecasting: science foundation and user benefits	Journal of Operational Oceanography	8	S1	147		RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2015	128	Kreus, M., Schartau, M.	Variations in the elemental ratio of organic matter in the central Baltic Sea: Part II- Sensitivities on annual mass flux estimates to model parameter variations	Continental Shelf Sea Research	100		46	63	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2015	129	Kreus, M., Schartau, M., Engel, A., et al.	Variations in the elemental ratio of organic matter in the central Baltic Sea: Part I-Linking primary production to remineralization	Continental Shelf Sea Research	100		25	45	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2015	130	Lange, Stefan; Rockel, Burkhardt; Volkholz, Jan; et al.	Regional climate model sensitivities to parametrizations of convection and non-precipitating subgrid-scale clouds over South America.	Climate Dynamics	44	9_10	2839	2857	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2015	131	Mee, Laurence; Cooper, Philip; Kannen, Andreas; et al.	Sustaining Europe's seas as coupled social-ecological systems.	ECOLOGY AND SOCIETY	20	1			RU 1 - System Analysis and Modelling	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services
2015	132	Mohr, S., M. Kunz, and B. Geyer	Hail potential in Europe based on a regional climate model hindcast	Geophys. Res. Lett.	42		1	9	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2015	133	Petzold, J., & Ratter, B. M. W.	Climate change adaptation under a social capital approach - an analytical framework for small islands.	Ocean and Coastal Management	122		120	125	RU 1 - System Analysis and Modelling	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services
2015	134	Pfister, C., Wetter, O., et al.	Tree-rings and people - different views on the 1540 Megadrought. Reply to Buntgen et al.	Climatic Change	131	2	191	198	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2015	135	Prein, A.F., Lanfians, W., Fossier, G., Feser, F., et al.	A review on regional convection-permitting climate modeling: Demonstrations, prospects, and challenges	Reviews of Geophysics	53	2	323	361	RU 1 - System Analysis and Modelling	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services
2015	136	Rummukainen, M., Rockel, B. et al.	Twenty-First-Century Challenges in Regional Climate Modeling	Bulletin of the American Meteorological Society	96	8	ES135	ES138	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2015	137	Santos, J.A., Carneiro, M.F., Zorita, E., et al.	New insights into the reconstructed temperature in Portugal over the last 400 years	Climate of the past	11		825	834	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2015	138	Santos, Joao A.; Carneiro, Maria F.; Alcoforado, Maria J.; et al.	Calibration and multi-source consistency analysis of reconstructed precipitation series in Portugal since the early 17th century.	HOLOCENE	25	4	663	676	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2015	139	Stanev, E. V., Ziemer, F., Schulz-Stellenfleth, J., Seemann, J., Staneva, J., & Gurgel, K. -.	Blending surface currents from HF radar observations and numerical modeling: Tidal hindcasts and forecasts.	Journal of Atmospheric and Oceanic Technology	32	2	256	281	RU 1 - System Analysis and Modelling RU 3 - Operational Systems	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services
2015	140	Stanev, Emil V.; Al-Nadhairi, Rahma; Valle-Levinson, Arnoldo	The role of density gradients on tidal asymmetries in the German Bight .	OCEAN DYNAMICS	65	1	77	92	RU 1 - System Analysis and Modelling	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services
2015	141	Stanev, E. V., Lu, X., Grashorn, S.	Physical processes in the transition zone between north sea and baltic sea. Numerical simulations and observations	Ocean Modelling	93		56	74	RU 1 - System Analysis and Modelling	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services
2015	142	Straile, D., Kerimoglu, O., Peeters, F.	Trophic mismatch requires seasonal heterogeneity of warming	Ecology	96	10	2794	2805	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2015	143	Tim, N., Bravo de Guenni, L.	Oceanic influence on the precipitation in Venezuela under current and future climate	Climate Dynamics					RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2015	144	Tim, N., Zorita, E., Huenicke, B.	Decadal variability and trends of the Benguela upwelling system as simulated in an high-resolution ocean simulation	Ocean Science	11	3	483	502	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas

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2015	145	Tsimitri, Chrysanthi; Rockel, Burkhardt; Wueest, Alfred; et al.	Drivers of deep-water renewal events observed over 13 years in the South Basin of Lake Baikal.	JOURNAL OF GEOPHYSICAL RESEARCH-OCEANS	120	3	1508	1526	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2015	146	van Oldenborgh, G.J., Stephenson, D.B., von Storch, H., et al.	Drivers of the 2013/2014 winter floods in the UK	Nature Climate change	5		490	491	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2015	147	Von Storch, H., Emeis, K., Meinke, I., Kannen, A., Matthias, V., Ratter, B. M. W., Wirtz, K.	Making coastal research useful - cases from practice.	Oceanologia	57	1	3	16	RU 1 - System Analysis and Modelling	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services
2015	148	Wahle, K., Staneva, J. et al.	Data assimilation of ocean wind waves using Neural Networks. A case study for the German Bight	Ocean Modelling	160		117	125	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2015	149	Zanchettin, D., Bothe, o., et al.	Reconciling reconstructed and simulated features of the winter Pacific/North american pattern in the early 19th century	Climate of the past	11	6	939	958	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2016	150	Alari, V., Staneva, J., Breivik, Ø., Bidlot, J.-R., Mogensen, K., Janssen, P.	Surface wave effects on water temperature in the Baltic Sea: simulations with the coupled NEMO-WAM model	Ocean Dynamics	66	8	917	930	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2016	151	Aulinger, A.; Matthias, V.; Zeretzke, M.; Geyer, B.; Bieser, J. and Quante, M	The impact of shipping emissions on air pollution in the Greater North Sea region. Part I: Current emissions and concentrations	Atmos. Chem. Phys.	16		739	758	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2016	152	Bierstedt, SE; Hunnicke, B; Zorita, E; Wagner, S; Gomez-Navarro, JJ	Variability of daily winter wind speed distribution over Northern Europe during the past millennium in regional and global climate simulations	CLIMATE OF THE PAST	12	2	317	338	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2016	153	Bieser, J., Schrum, C.	Impact of marine mercury cycling on coastal atmospheric mercury concentrations in the North- and Baltic Sea region	ELEMENTA Science of the Anthropocene	111				RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2016	154	Buntgen, U; Myglan, VS; Jungqvist, FC; McCormick, M; Di Cosmo, N; Sigl, M; Jungclaus, J; Wagner, S; Krusic, PJ; Esper, J; Kaplan, JO; de Vaan, MAC; Luterbacher, J; Wacker, L; Tegel, W; Kirdyanov, AV	Cooling and societal change during the Late Antique Little Ice Age from 536 to around 660 AD	NATURE GEOSCIENCE	9	3	231	U163	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2016	155	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	156	Capet, A; Stanev, EV; Beckers, JM; Murray, JW; Gregoire, M	Decline of the Black Sea oxygen inventory	BIOGEOSCIENCES	13	4	1287	1297	RU 1 - System Analysis and Modelling	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services
2016	157	Carpenter JR, Merckelbach 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	158	Creed, IF; Cormier, R; Laurent, KL; Accatino, F; Igras, J; Henley, P; Friedman, KB; Johnson, LB; Crossman, J; Dillon, PJ; Trick, CG	Formal Integration of Science and Management Systems Needed to Achieve Thriving and Prosperous Great Lakes	BIOSCIENCE	66	5	408	418	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2016	159	De Guttery, C., Döring, M., Ratter, B.	Challenging the current climate change - migration nexus: Exploring migrants' perceptions of climate change in the hosting country	Erde	147	2	109	118	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2016	160	Diaz, HF; Wahl, ER; Zorita, E; Giambelluca, TW; Eischeid, JK	A Five-Century Reconstruction of Hawaiian Islands Winter Rainfall	JOURNAL OF CLIMATE	29		5661	5674	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas

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2016	161	Dorado-Linan, I., Sanchez-Lorenzo, A., Gutierrez, M. E., Planells, O., Heinrich, I., Helle, G., Zorita, E.	Changes in surface solar radiation in northeastern Spain over the past six centuries recorded by tree-ring delta13C	Climate Dynamics, 47	3/4		937	959	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2016	162	Doring, M; Ratter, B	Reprint of: 'Heimat' as a boundary object? Exploring the potentialities of a boundary object to instigate productive science-stakeholder interaction in North Frisia (Germany)	ENVIRONMENTAL SCIENCE & POLICY	55		408	415	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2016	163	Feng J., von Storch H., Weisse R., Jiang W.	Changes of storm surges in the Bohai Sea derived from a numerical model simulation, 1961–2006	Ocean Dynamics			1	15	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2016	164	Gagen, M.H., Zorita, E., McCarroll, D., Zahn, M., Young, G.H.F., Robertson, I.,	North Atlantic summer storm tracks over Europe dominated by internal variability over the past millennium	NATURE GEOSCIENCE	9	8	630	635	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2016	165	Gee, K., Kannen, A., Adlam, R., Brooks, C., Chapman, M., Cormier, R., . . . Sherlock, R.	Identifying culturally significant areas for marine spatial planning	Ocean and Coastal Management	136		139	147	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2016	166	Gerkensmeier B., Ratter B.M.W.	Multi-risk, multi-scale and multi-stakeholder – the contribution of a bow-tie analysis for risk management in the trilateral Wadden Sea Region	Journal of Coastal Conservation			1	12	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2016	167	Gonzalez-Riancho, P.; Gerkensmeier, B.; Ratter, B.M.W.; Gonzalez, M.; Medina, R	Storm surge risk perception and resilience: A pilot study in the German North Sea coast	Ocean & Coastal Management	112		44	60	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2016	168	Grashorn, S.; Stanev, E.V.	Kármán vortex and turbulent wake generation by wind park piles	Ocean Dynamics	66	12	1543	1557	RU 1 - System Analysis and Modelling	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services
2016	169	Grosfeld, K., Lemke, P., Braesicke, P., Brauer, A., Dethloff, K., Kunz, M., Latif, M., Ratter, B., Sachs, T., Schmid, H.P., Treffeisen, R., Schwarze, R.	The Helmholtz regional climate initiative REKLIM from a polar perspective - A preface	Polarforschung	85	2	65	68	RU 1 - System Analysis and Modelling	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services
2016	170	Herkul, K; Torn, K; Suursaar, U; Alari, V; Peterson, A	Variability of Benthic Communities in Relation to Hydrodynamic Conditions in the North-Eastern Baltic Sea	JOURNAL OF COASTAL RESEARCH			867	871	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2016	171	Hofmeister R., Flöser G., Schartau M.	Estuary-type circulation as a factor sustaining horizontal nutrient gradients in freshwater-influenced coastal systems	Geo-Marine Letters			1	14	RU 3 - Operational Systems RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2016	172	Holdschlag, A., & Ratter, B. M. W.	Caribbean island states in a social-ecological panarchy? complexity theory, adaptability and environmental knowledge systems.	Anthropocene	13		80	93	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2016	173	Holt, J; Schrum, C; Cannaby, H; Daewel, U; Allen, I; Artioli, Y; Bopp, L; Butenschon, M; Fach, BA; Harle, J; Pushpadas, D; Salihoglu, B; Wakelin, S	Potential impacts of climate change on the primary production of regional seas: A comparative analysis of five European seas	PROGRESS IN OCEANOGRAPHY	140		91	115	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2016	174	Jacob, B; Stanev, EV; Zhang, YJ	Local and remote response of the North Sea dynamics to morphodynamic changes in the Wadden Sea	OCEAN DYNAMICS	66	5	671	690	RU 1 - System Analysis and Modelling	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services
2016	175	Kolstad, E.W., Bracegirdle, T.J., Zahn, M.	Re-examining the roles of surface heat flux and latent heat release in a "hurricane-like" polar low over the Barents Sea	Journal of Geophysical Research: Atmospheres					RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2016	176	Li, D.	Added value of high-resolution regional climate model: selected cases over the Bohai Sea and the Yellow Sea areas	International Journal of Climatology					RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2016	177	Li, D., Geyer, B., Bisling, P.	A model-based climatology analysis of wind power resources at 100-m height over the Bohai Sea and the Yellow Sea	Applied Energy	179		575	589	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas

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2016	178	Li, DL; von Storch, H; Geyer, B	High-resolution wind hindcast over the Bohai Sea and the Yellow Sea in East Asia: Evaluation and wind climatology analysis	JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES	121	1	111	129	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2016	179	Li, DL; von Storch, H; Geyer, B	Testing Reanalyses in Constraining Dynamical Downscaling	JOURNAL OF THE METEOROLOGICAL SOCIETY OF JAPAN	94A		47	68	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2016	180	Linke, J., Fortin, M. -, Courtenay, S., & Cormier, R.	High-resolution global maps of 21st-century annual forest loss: Independent accuracy assessment and application in a temperate forest region of atlantic canada.	Remote Sensing of Environment	188		164	176	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2016	181	Ljungqvist, FC; Krusic, PJ; Sundqvist, HS; Zorita, E; Brattstrom, G; Frank, D	Northern Hemisphere hydroclimate variability over the past twelve centuries	NATURE	532	7597	94		RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2016	182	Luterbacher, J; Werner, JP; Smerdon, JE; Fernandez-Donado, L; Gonzalez-Rouco, FJ; Barriopedro, D; Ljungqvist, FC; Buntgen, U; Zorita, E; Wagner, S; Esper, J; McCarroll, D; Toreti, A; Frank, D; Jungclaus, JH; Barriendos, M; Bertolin, C; Bothe, O; Brazdil, R; Camuffo, D; Dobrovolny, P; Gagen, M; Garica-Bustamante, E; Ge, Q; Gomez-Navarro, JJ; Guiot, J; Hao, Z; Hegerl, GC; Holmgren, K; Klimenko, VV; Martin-Chivelet, J; Pfister, C; Roberts, N; Schindler, A; Schurer, A; Solomina, O; von Gunten, L; Wahl, E; Wanner, H; Wetter, O; Xoplaki, E; Yuan, N; Zanchettin, D; Zhang, H; Zerefos, C	European summer temperatures since Roman times	ENVIRONMENTAL RESEARCH LETTERS	11	2			RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2016	183	Maerz J., Hofmeister R., Van Der Lee E.M., Gräwe U., Riethmüller R., Wirtz K.W.	Maximum sinking velocities of suspended particulate matter in a coastal transition zone	Biogeosciences	13	17	4863	4876	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2016	184	Mandal, Sandip; Homma, Hikaru; Priyadarshi, Anupam; et al.	Contribution to the Themed Section: Advances in Plankton Modelling and Biodiversity Evaluation A 1D physical-biological model of the impact of highly intermittent phytoplankton distributions	JOURNAL OF PLANKTON RESEARCH	38	4	964	976	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2016	185	Ocaña, V., Zorita, E., Heimbach, P.	Stochastic secular trends in sea level rise	Journal of Geophysical Research: Oceans	121	4	2183	2202	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2016	186	Pein, JU; Grayek, S; Schulz-Stellenfleth, J; Stanev, EV	On the impact of salinity observations on state estimates in Ems Estuary	OCEAN DYNAMICS	66	2	243	262	RU 1 - System Analysis and Modelling	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services
2016	187	Ruddiman, WF; Fuller, DQ; Kutzbach, JE; Tzedakis, PC; Kaplan, JO; Ellis, EC; Vavrus, SJ; Roberts, CN; Fyfe, R; He, F; Lemmen, C; Woodbridge, J	Late Holocene climate: Natural or anthropogenic?	REVIEWS OF GEOPHYSICS	54	1	93	118	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2016	188	Schulz-Stellenfleth, J; Stanev, EV	Analysis of the upscaling problem - A case study for the barotropic dynamics in the North Sea and the German Bight	OCEAN MODELLING	100		109	124	RU 1 - System Analysis and Modelling	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services
2016	189	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	190	She, J., I. Allen, E. Buch, A. Crise, J. Johannessen, P. Y. Le Traon, U. Lips, G. Nolan, N. Pinardi, J. H. Reißmann, J. Siddorn, E. Stanev, and H. Wehde	Developing European operational oceanography for Blue Growth, climate change adaptation and mitigation and ecosystem-based management	Ocean Sci.	12		953	976	RU 1 - System Analysis and Modelling	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services
2016	191	She, Jun; Allen, Icarus; Buch, Erik; et al.	Developing European operational oceanography for Blue Growth, climate change adaptation and mitigation, and ecosystem-based management	OCEAN SCIENCE	12	4	953	976	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas

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2016	192	Singer A., U. Schükel, M. Beck, O. Bleich, H.-J. Brumsack, H. Freund, C. Geimecke, K. A. Lettmann, G. Millat, J. Staneva, A. Vanselow, H. Westphal, J.-O. Wolff, A. Wurpts, I. Kröncke	Small-scale benthos distribution modelling in a North Sea tidal basin in response to climatic and environmental changes (1970s–2009)	Marine Ecology Progress Series	551		13	30	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2016	193	Singer, A., Schükel, U., Beck, M., Bleich, O., Brumsack, H.-J., Freund, H., Geimecke, C., Lettmann, K.A., Millat, G., Staneva, J., Vanselow, A., Westphal, H., Wolff, J.-O., Wurpts, A., Kröncke, I.	Small-scale benthos distribution modelling in a North Sea tidal basin in response to climatic and environmental changes (1970s–2009)	Marine Ecology Progress Series	551		13	30	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2016	194	Stanev, E.V.; Schulz-Stellenfleth, J.; Staneva, J.; Grayek, S.; Grashorn, S.; Behrens, A.; Koch, W.; Pein, J.	Ocean forecasting for the German Bight: from regional to coastal scales	Ocean Science	12	5	1105	1136	RU 1 - System Analysis and Modelling	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services
2016	195	Staneva, J.; Wahle, K.; Koch, W.; Behrens, A.; Fenoglio-Marc, L.; Stanev, E.V.	Coastal flooding: impact of waves on storm surge during extremes. A case study for the German Bight	Natural Hazards and Earth System Sciences	16		2373	2389	RU 1 - System Analysis and Modelling	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services
2016	196	Staneva, J.; Wahle, K.; Gunther, H.; Stanev, E.	Coupling of wave and circulation models in coastal-ocean predicting systems: a case study for the German Bight	OCEAN SCIENCE	12	3	797	806	RU 1 - System Analysis and Modelling	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services
2016	197	Stott, PA; Christidis, N; Otto, FEL; Sun, Y; Vanderlinden, JP; van Oldenborgh, GJ; Vautard, R; von Storch, H; Walton, P; Yiou, P; Zwiers, FW	Attribution of extreme weather and climate-related events	WILEY INTERDISCIPLINARY REVIEWS-CLIMATE CHANGE	7	1	23	41	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2016	198	Suursaar, Uelo; Tonisson, Hannes; Alari, Victor; et al.	Projected Changes in Wave Conditions in the Baltic Sea by the end of 21st Century and the Corresponding Shoreline Changes	JOURNAL OF COASTAL RESEARCH		75	112	116	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2016	199	Takayabu, I; Kanamaru, H; Dairaku, K; Benestad, R; von Storch, H; Christensen, JH	Reconsidering the Quality and Utility of Downscaling	JOURNAL OF THE METEOROLOGICAL SOCIETY OF JAPAN	94A		31	45	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2016	200	Tim, N., Bravo de Guenni, L.	Oceanic influence on the precipitation in Venezuela under current and future climate	Climate Dynamics	47	01. Feb	211	234	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2016	201	Tim, N; Zorita, E; Hunicke, B; Yi, X; Emeis, KC	The importance of external climate forcing for the variability and trends of coastal upwelling in past and future climate	OCEAN SCIENCE	12	3	807	823	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2016	202	Tonisson, H; Suursaar, U; Alari, V; Muru, M; Ravis, R; Kont, A; Viitak, M	Measurement and Model Simulations of Hydrodynamic Parameters, Observations of Coastal Changes and Experiments with Indicator Sediments to Analyse the Impact of Storm St. Jude in October, 2013	JOURNAL OF COASTAL RESEARCH			1257	1261	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2016	203	Vanniere, B; Blarquez, O; Rius, D; Doyen, E; Brucher, T; Colombaroli, D; Connor, S; Feurdean, A; Hickler, T; Kaltenrieder, P; Lemmen, C; Leys, B; Massa, C; Olofsson, J	7000-year human legacy of elevation-dependent European fire regimes	QUATERNARY SCIENCE REVIEWS	132		206	212	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2016	204	Viitak, M; Maljutenko, I; Alari, V; Suursaar, U; Rikka, S; Lagema, P	The impact of surface currents and sea level on the wave field evolution during St. Jude storm in the eastern Baltic Sea	OCEANOLOGIA	58	3	176	186	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2016	205	Wagner, D.; Tinz, B.; Storch, H.v.	Signal Stations: Newly Digitized Historical Climate Data of the German Bight and the Southern Baltic Sea Coast	Journal of Atmospheric and Oceanic Technology	33	12	2735	2741	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2016	206	Wilson, R; Anchukaitis, K; Briffa, KR; Buntgen, U; Cook, E; D'Arrigo, R; Davi, N; Esper, J; Frank, D; Gunnarson, B; Hegerl, G; Helama, S; Klesse, S; Krusic, PJ; Linderholm, HW; Myglan, V; Osborn, TJ; Rydval, M; Schneider, L; Schurer, A; Wiles, G; Zhang, P; Zorita, E	Last millennium northern hemisphere summer temperatures from tree rings: Part I: The long term context	QUATERNARY SCIENCE REVIEWS	134		1	18	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2016	207	Xia L., von Storch H., Feser F., Wu J.	A study of quasi-millennial extratropical winter cyclone activity over the Southern Hemisphere	Climate Dynamics	47		2121	2138	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas

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2016	208	Xoplaki, E; Fleitmann, D; Luterbacher, J; Wagner, S; Haldon, JF; Zorita, E; Telelis, I; Toreti, A; Izdebski, A	The Medieval Climate Anomaly and Byzantium: A review of the evidence on climatic fluctuations, economic performance and societal change	QUATERNARY SCIENCE REVIEWS	136		229	252	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2016	209	Yanase, W; Niino, H; Watanabe, SI; Hodges, K; Zahn, M; Spengler, T; Gurdich, IA	Climatology of Polar Lows over the Sea of Japan Using the JRA-55 Reanalysis	JOURNAL OF CLIMATE	29	2	419	437	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2016	210	Zhang W., Cui Y., Santos A.I., Hanebuth T.J.J.	Storm-driven bottom sediment transport on a high-energy narrow shelf (NW Iberia) and development of mud depocenters	Journal of Geophysical Research: Oceans	121	8	5751	5772	RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas
2016	211	Zhang, YL; Stanev, EV; Grashorn, S	Unstructured-grid model for the North Sea and Baltic Sea: Validation against observations	OCEAN MODELLING	97		91	108	RU 1 - System Analysis and Modelling	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services
2016	212	Zhang, YL; Ye, F; Stanev, EV; Grashorn, S	Seamless cross-scale modeling with SCHISM	OCEAN MODELLING	102		64	81	RU 1 - System Analysis and Modelling	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services
2016	213	Zveryaev, I.I., Zahn, M., Allan, R.P.	Interannual variability in the summertime hydrological cycle over European regions	Journal of Geophysical Research: Atmospheres					RU 1 - System Analysis and Modelling	Topic 2 - Fragile Coasts and Shelf Seas