

Publications Research Unit 4 - Climate Service Center Germany (GERICS) 2017

Publ.-Year	No.	Authors	Title	Source	Volume	Issue	Beginpage	Endpage	Participating Research Units	HGF Program PACES II: Topic
2017	1	Cabos W., Sein D.V., Pinto J.G., Fink A.H., Koldunov N.V., Alvarez F., Izquierdo A., Keenlyside N., Jacob D.	The South Atlantic Anticyclone as a key player for the representation of the tropical Atlantic climate in coupled climate models	Climate Dynamics	48	11	1	19	RU 4 - Climate Service Center Germany (GERICS)	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services
2017	2	Carmona, M.; Máñez Costa, M.; Andreu, J.; Pulido-Velazquez, M.; Haro-Montegudo, D.; Lopez-Nicolas, A.; Cremades, R.	Assessing the effectiveness of Multi-Sector Partnerships to manage droughts: The case of the Jucar river basin	Earth's Future	5	7	750	770	RU 4 - Climate Service Center Germany (GERICS)	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services
2017	3	Denjean, B.; Denjean, B.; Altamirano, M.A.; Graveline, N.; Giordano, R.; Van der Keur, P.; Moncoulon, D.; Weinberg, J.; Máñez Costa, M.; Kozinc, Z.; Mulligan, M.; Pengal, P.; Matthews, J.; van Cauwenbergh, N.; López Gunn, E.; Bresch, D.N.; Denjean, B.	Natural Assurance Scheme: A level playing field framework for Green-Grey infrastructure development	Environmental Research	159		24	38	RU 4 - Climate Service Center Germany (GERICS)	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services
2017	4	Fotso-Nguemo, T.C., Vondou, D.A., Pokam, W.M., Djomou, Z.M., Diallo, I., Haensler A., Djotang Tchotchou, L.A., Kamsu-Tamo, P.H., Gaye, A.T., Tchawoua, C.	On the added value of the regional climate model REMO in the assessment of climate change signal over Central Africa	Climate Dynamics			1	26	RU 4 - Climate Service Center Germany (GERICS)	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services
2017	5	Groth, M.	Klimaverhandlungen: Solide Ergebnisse, neue Dynamik	Wirtschaftsdienst – Zeitschrift für Wirtschaftspolitik	97	12	832	832	RU 4 - Climate Service Center Germany (GERICS)	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services
2017	6	Groth, M.	Stromnetzausbau: Mehr als nur Übertragungsnetze	Wirtschaftsdienst: Zeitschrift für Wirtschaftspolitik	97	5	313	314	RU 4 - Climate Service Center Germany (GERICS)	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services
2017	7	Huebener, H.; Hoffmann, P.; Keuler, K.; Pfeifer, S.; Ramthun, H.; Spekat, A.; Steger, C.; Warrach-Sagi, K.	Deriving user-informed climate information from climate model ensemble results	ADVANCES IN SCIENCE AND RESEARCH	14		261	269	RU 4 - Climate Service Center Germany (GERICS)	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services
2017	8	Jacob, D. & Solman, S.	IMPACT2C – An introduction	Climate Services	7		1	2	RU 4 - Climate Service Center Germany (GERICS)	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services
2017	9	Jacob, D., Kotova, L., Teichmann, C., Sobolowski, S.P., Vautard, R., Donnelly, C., Koutroulis, A.G., Grillakis, M.G., Tsanis, I.K., Damm, A., Sakalli, A., van Vliet, M.T.H.	Climate impacts in Europe under + 1.5°C global warming	Earth's Future	accepted				RU 4 - Climate Service Center Germany (GERICS)	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services
2017	10	Jacob, D.; Bender, S.	Extremereignisse in der Zukunft - Welche Aussagen sind durch Klimaprojektionen möglich?	GWF, Wasser - Abwasser	158	7-8	85	88	RU 4 - Climate Service Center Germany (GERICS)	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services
2017	11	Knist, S.; Goergen, K.; Buonomo, E.; Christensen, O.B.; Colette, A.; Cardoso, R.M.; Fealy, R.; Fernández, J.; García-Díez, M.; Jacob, D.; Kartsios, S.; Katragkou, E.; Keuler, K.; Mayer, S.; van, Meijgaard, E.; Nikulin, G.; Soares, P.M.M.; Sobolowski, S.; Szepszo, G.; Teichmann, C.; Vautard, R.; Warrach-Sagi, K.; Wulfmeyer, V.; Simmer, C.	Land-atmosphere coupling in EURO-CORDEX evaluation experiments	Journal of Geophysical Research: Atmospheres	122	1	79	103	RU 4 - Climate Service Center Germany (GERICS)	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services
2017	12	Kotova L, Manez Costa M, Rodríguez Pérez MJ, Whiffin F, Garrett N, Bessembinder J, Buonocore M, Newton P, Hewitt C	The first Climateurope Festival: climate information at your service	Climate Services					RU 4 - Climate Service Center Germany (GERICS)	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services
2017	13	Kotova, L.; Manez Costa, M.; Rodriguez Perez, M.J.; Whiffin, F.; Garrett, N.; Bessembinder, J.; Buonocore, M.; Newton, P.; Hewitt, C	The first Climateurope Festival: climate information at your service	Climate Services	6		80	81	RU 4 - Climate Service Center Germany (GERICS)	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services
2017	14	Kovalevsky, D. and Alekseev, G.V.	Polar Amplification Projected by Energy Balance Model with Nonlinear Parametrization of Outgoing Longwave Radiation	Discontinuity, Nonlinearity, and Complexity	accepted				RU 4 - Climate Service Center Germany (GERICS)	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services

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2017	15	Kovalevsky, D.V.; Hewitt, R.; de Boer, C.; Hasselmann, K.	A dynamic systems approach to the representation of policy implementation processes in a multi-actor world	Discontinuity, Nonlinearity, and Complexity	6	3	219	245	RU 4 - Climate Service Center Germany (GERICS)	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services	
2017	16	Manez Costa M; Shreve, C.; Carmona, M.	How to shape climate risk policies after the Paris agreement? The importance of perceptions as a driver for climate risk management	Earth's Future					RU 4 - Climate Service Center Germany (GERICS)	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services	
2017	17	Otto, A., P. Kellermann, A.H. Thieken, M. Mnez Costa, M. Carmona, P. Bubeck	Risk reduction partnerships for assessing and enhancing resilience of railway transport infrastructure in an alpine environment	Earth's Future					RU 4 - Climate Service Center Germany (GERICS)	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services	
2017	18	Paeth, H.; Paxian, A.; Sein, D.; Jacob, D.; Panitz, H. J.; Warscher, M.; Fink, A.; Kunstmann, H.; Breil, M.; Engel, T.; Krause, A.; Tdter, J.; Ahrens, B.	Decadal and multi-year predictability of the West African monsoon and the role of dynamical downscaling	Meteorologische Zeitschrift					RU 4 - Climate Service Center Germany (GERICS)	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services	
2017	19	Preuschmann, S.; Haensler, A.; Kotova, L.; Duerk, N.; Eibner, W.; Waidhofer, C.; Haselberger, C.; Jacob, D	The IMPACT2C web-atlas – Conception, organization and aim of a web-based climate service product	Climate Services	7		115	127	RU 4 - Climate Service Center Germany (GERICS)	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services	
2017	20	Puk, T.; Groenemeijer, P.; Rdler, A. T.; Tijssen, L.; Nikulin, G.; Prein, A. F.; van Meijgaard, E.; Fealy, R.; Jacob, D. & Teichmann, C.	Future Changes in European Severe Convection Environments in a Regional Climate Model Ensemble	Journal of Climate	30		6771	6794	RU 4 - Climate Service Center Germany (GERICS)	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services	
2017	21	Schuck-Zller, S, Cortekar, J., Jacob, D.	EVALUATING CO-CREATION OF KNOWLEDGE: From Quality Criteria and Indicators to Methods	Advances in Science and Research					RU 4 - Climate Service Center Germany (GERICS)	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services	
2017	22	Schuck-Zller, S, Cortekar, J., Jacob, D.	Evaluation transdisziplinrer Forschung und deren Rahmenbedingungen	sterreichische Plattform fr Forschungs- und Technologiepolitikevaluierung (fteval)	accepted				RU 4 - Climate Service Center Germany (GERICS)	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services	
2017	23	Steppeler, J.; Klemp, J.B.	Advection on Cut-Cell Grids for an Idealized Mountain of Constant Slope	Monthly Weather Review	145	5	1765	1777	RU 4 - Climate Service Center Germany (GERICS)	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services	
2017	24	Steuri, B., Cortekar, J., Bender, S.	The relevance of co-development to ensure a high-resolution urban climate model's practicability and user friendliness	Springer Proceedings	accepted				RU 4 - Climate Service Center Germany (GERICS)	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services	
2017	25	Swart, R.J., K. de Bruin, S. Dhenain, G. Dubois, A. Groot, E. von der Forst	Developing climate information portals with users: Promises and pitfalls	Climate Services					RU 4 - Climate Service Center Germany (GERICS)	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services	
2017	26	Vktor, E.; Ehlert, S.; Haensler, A.; Guilln Bolaos, T.; Blome, T.; Mnez Costa, M.	The 5th International Conference on Climate Services (ICCS5) – 'Innovation in Climate Services and Capacity Building'	Climate Services	5		1	2	RU 4 - Climate Service Center Germany (GERICS)	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services	
2017	27	Vondou, D.A, Haensler, A.	Evaluation of simulations with the regional climate model REMO over Central Africa and the effect of increased spatial resolution	International Journal of Climatology					RU 4 - Climate Service Center Germany (GERICS)	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services	
2017	28	Weber, T., Haensler, A., Jacob, D.	Sensitivity of the atmospheric water cycle to corrections of the sea surface temperature bias over southern Africa in a regional climate model	Climate Dynamics	First online			1	15	RU 4 - Climate Service Center Germany (GERICS)	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services
2017	29	Williges, K., Mechler, R., Bowyer, P., and Balkovic, J.	Towards an assessment of adaptive capacity of the European agricultural sector to droughts	Climate Services	7		47	63	RU 4 - Climate Service Center Germany (GERICS)	Topic 4 - Bridging Research and Society - Products, Tools and Climate Services	