

Erscheinungsjahr 2017

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. In: *Climate Dynamics*, Vol.48, Issue 11, pp 1-19 (2017) (DOI: 10.1007/s00382-016-3319-9)

Carmona, M.; **Máñez Costa, M.**; Andreu, J.; Pulido-Velazquez, M.; Haro-Monteagudo, D.; Lopez-Nicolas, A.; **Cremades, R.**: Assessing the effectiveness of Multi-Sector Partnerships to manage droughts: The case of the Jucar river basin. In: *Earth's Future*. Vol.5, Issue7, pp 750-770 (2017) (DOI: 10.1002/2017EF000545)

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. In: *Environmental Research* Vol.159, pp 24-38. (2017) (DOI: 10.1016/j.envres.2017.07.006)

Fotso-Nguemo, T.C., Vondou, D.A., Pokam, W.M., Djomou, Z.M., Diallo, I., **Haensler A.**, Djiotang 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. In: *Climate Dynamics*, pp 1-26 (2017) (DOI: 10.1007/s00382-017-3547-7)

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. In: *Advances in Science and Research*. Vol.14, pp 261-269 (2017) (DOI: 10.5194/asr-14-261-2017)

Jacob, D. & Solman, S. : IMPACT2C – An introduction. In: *Climate Services* Vol.7, pp 1-2 (2017) (DOI: 10.1016/j.cliser.2017.07.006)

Jacob, D., **Kotova, L.**, **Teichmann, C.**, Sobolowski, S.P., Vautard, R., Donnely, 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. In: *Earth's Future*, Vol. 6, Issue 2, 264-285 (2017) (DOI: 10.1002/2017EF000710)

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. In: *Journal of Geophysical Research: Atmospheres*. Vol.122, Issue1, pp 79-103 (2017) (DOI: 10.1002/2016JD025476)

Kotova L, **Manez Costa M**, Rodríguez Pérez MJ, Whiffinc F, Garrett N, Bessembinder J, Buonocore M, Newton P, Hewitt C.: The first Climateurope Festival: climate information at your service. In: *Climate Services*. Vol. 6, pp 80-81 (2017) (DOI: 10.1016/j.cliser.2017.07.005)

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. In: *Discontinuity, Nonlinearity, and Complexity*. Vol. 6, Issue 3, pp 219-245 (2017) (DOI: 10.5890/DNC.2017.09.001)

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. In: *Earth's Future*, Vol.5, Issue 10, pp 1027-1033 (2017) (DOI: 10.1002/2017EF000597)

Paeth, H.; Paxian, A.; **Sein, D.**; **Jacob, D.**; Panitz, H. J.; Warscher, M.; Fink, A.; Kunstmann, H.; Breil, M.; Engel, T.; Krause, A.; Tödter, J.; Ahrens, B.: Decadal and multi-year predictability of the West African monsoon and the role of dynamical downscaling. In: *Meteorologische Zeitschrift*, Vol. 26, Issue 4, 363-377 (2017) (DOI: 10.1127/metz/2017/0811)

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. In: *Climate Services*. Vol.7, pp 115-127, (2017) (DOI: 10.1016/j.cliser.2017.03.005)

Púčik, T.; Groenemeijer, P.; Rädler, 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. In: *Journal of Climate*, Vol.30, pp 6771 – 6794, (2017) (DOI: 10.1175/JCLI-D-16-0777.1)

Schuck-Zöllner, S., **Cortekar, J.**, **Jacob, D.**: Evaluating co-creation of knowledge: From Quality Criteria and Indicators to Methods. In: *Advances in Science and Research*, Vol. 14, 305-312, (2017) (DOI: 10.5194/asr-14-305-2017)

Steppeler, J.; Klemp, J.B.: Advection on Cut-Cell Grids for an Idealized Mountain of Constant Slope. In: *Monthly Weather Review*. Vol.145, Issue 5, pp 1765-1777 (2017) (DOI: 10.1175/MWR-D-16-0308.1)

Steuri, B., **Cortekar, J.**, **Bender, S.**: The relevance of co-development to ensure a high resolution urban climate model's practicability and user friendliness. In: Springer. 2017

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. In: *Climate Services*. Vol. 6, pp 12-22, (2017) (DOI: 10.1016/j.cliser.2017.06.008)

Viktor, E.; **Ehlert, S.**; **Haensler, A.**; **Guillén Bolaños, T.**; **Blome, T.**; **Máñez Costa, M.**: The 5th International Conference on Climate Services (ICCS5) – ‘Innovation in Climate Services and Capacity Building’. In: *Climate Services*, Vol. 5, pp 1-2, (2017) (DOI: 10.1016/j.cliser.2017.04.002)

Vondou, D.A, **Haensler, A.**: Evaluation of simulations with the regional climate model REMO over Central Africa and the effect of increased spatial resolution. In: *International Journal of Climatology*, Vol. 37, Issue 51, 741-760, (2017) (DOI: 10.1002/joc.5035)

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. In: *Climate Dynamics*, Vol. 51, pp 1-15, (2017) (DOI: 10.1007/s00382-017-4052-8)

Williges, K., Mechler, R., **Bowyer, P.**, and Balkovic, J: Towards an assessment of adaptive capacity of the European agricultural sector to droughts. In: *Climate Services*, Vol.7, pp 47-63, (2017) (DOI: 10.1016/j.cliser.2016.10.003)

Weitere Publikationen

Bender, S., Brune, M., Cortekar, J., Groth, M.: Klimaanpassung im Stadtsystem – der GERICS-Stadtbaukasten als Brücke zwischen Wissenschaft und Praxis. In: *Wasser in Deiner Stadt von morgen*. (Hrsg.): IWARU [Institut für Wasser-Ressourcen-Umwelt] (Ed.) 2017 21-26. ISBN 978-3-938137-93-2

Froelich, C., Gioli, G., **Cremades, R.** and Myrntinen, H.: *Water Security Across the Gender Divide (Water Security in a New World)*. Springer 2017. ISBN 978-3319640440

Groth, M. und Rose, J.: Infrastrukturen (Energie- und Wasserversorgung). In: Meinke, I., von Storch, H. und Claußen, M. (Hrsg.): 2. Hamburger Klimabericht – Wissen über Klima, 2017.

Groth, M.: Klimaverhandlungen: Solide Ergebnisse, neue Dynamik. In: *Wirtschaftsdienst – Zeitschrift für Wirtschaftspolitik*, Vol. 97, Issue 12, pp 832-832, 2017

Groth, M.: Stromnetzausbau: Mehr als nur Übertragungsnetze *Wirtschaftsdienst*. In: *Zeitschrift für Wirtschaftspolitik*, Vol.97, Issue 5, pp 313-314, 2017

Hewitt, R., **Kovalevsky, D.**, de Boer, C., and Hasselmann, K.: Modelling actors' influence on land use change. In : Bregt, A., Sarjakoski, T., Lammeren, R. van, Rip, F. (Hrsg.): *Societal Geo-Innovation : short papers, posters and poster abstracts of the 20th AGILE Conference on Geographic Information Science*. Wageningen University & Research 2017. ISBN 978-90-816960-7-4

Jacob, D.; Bender, S.: Extremereignisse in der Zukunft - Welche Aussagen sind durch Klimaprojektionen möglich? In: *GWF, Wasser - Abwasser*. Vol.158, Issue7-8, pp 85-88, 2017

Meinke I., **Rechid D.**, Tinz B., Maneke M., Lefebvre C. , Isokeit E: Klima der Region - Zustand, bisherige Entwicklung und mögliche Änderungen bis 2100. In: Meinke, I., von Storch, H. und Claußen, M. (Hrsg.): 2. Hamburger Klimabericht – Wissen über Klima. 2017.

Myrntinen, H., **Cremades, R.**, Froelich, C. and Gioli, G.: Bridging Troubled Waters: Water Security Across the Gender Divide. In: Froelich, C., Gioli, G., **Cremades, R.** and Myrntinen, H. (Hrsg.): *Water Security Across the Gender Divide (Water Security in a New World)* Springer 2017, ISBN 978-3319640440

Schuck-Zöller, S., Brinkmann, C., and Rödder, S.: Integrating research and practice in emerging climate services – Lessons from other transdisciplinary dialogues. In: Serrao-Neumann, S., Coudrain, A., and Coulter, L. (Hrsg.): Developing and Communicating Climate Change Information for Decision Making. Springer 2017