

GERICS Publications (peer reviewed)

2024

Betant C.A., **Weber T.**, **Hoffmann P.**, Ndao S., Djiondo Ngongang R., Meukaleuni C., Djomou D., **Lenouo A.** (2024): Model analysis of coastal and continental impacts on boundary layer meteorology over West Africa. *Earth Systems and Environment*, DOI: 10.1007/s41748-024-00428-7

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Caillaud C., Somot S., Douville H., Alias A., Bastin S., Brienen S., Demory M.E., Dobler A., Feldmann H., **Frisius T.**, Goergen K., Kendon E.J., Keuler K., Lenderink G., Mercogliano P., Pichelli E., Soares P.M.M., Tölle M.H., de Vries H. (2024): Northwestern mediterranean heavy precipitation events in a warmer climate: robust versus uncertain changes with a large convection-permitting model ensemble. *Geophysical Research Letters*, 51(6), e2023GL105143, DOI: 10.1029/2023GL105143

Çetin I.I., Yücel I., Yılmaz M.T., Ā-nol B. (2024): Historical variability of coupled model intercomparison project version 6 (CMIP6)-driven surface winds and global reanalysis data for the Eastern Mediterranean. *Theoretical and Applied Climatology*, DOI: 10.1007/s00704-024-04869-y

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Jones C.G., Adloff F., Booth B., Cox P., Eyring V., Friedlingstein P., Frieler K., Hewitt H., Jeffery H., Joussaume S., Koenigk T., Lawrence B.N., O'Rourke E., Roberts M., Sanderson B., Séférian R., Somot S., Vidale P.L., van Vuuren D., Acosta M., Bentsen M., Bernardello R., Betts R., Blockley E., Boé J., Bracegirdle T., Braconnot P., Brovkin V., Buontempo C., Doblus-Reyes F.J., Donat M.G., Epicoco I., Falloon P., Fiore S., Froelicher T., Fuckar N., Gidden M., Goessling H., Graverson R.G., Gualdi S., Gutiérrez J.M., Ilyina T., **Jacob D.**, Jones C., Juckes M., Kendon E., Kjellström E., Knutti R., Lowe J.A., Mizielinski M., Nassis P., Obersteiner M., Regnier P., Roehrig R., Salas y Melia D., Schleussner C.F., Schulz M., Scoccimarro

- E., Terray L., Thiemann H., Wood R., Yang S., Zaehle S. (2024): Bringing it all together: Science and modelling priorities to support international climate policy. *Preprint egusphere*, 2024-453, DOI: 10.5194/egusphere-2024-453
- Jonkman S.N., Curran A., **Bouwer L.M.** (2024): Floods have become less deadly: an analysis of global flood fatalities 1975-2022. *Natural Hazards*, 120, 6327-6342 DOI: 10.1007/s11069-024-06444-0
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- Katragkou E., Sobolowski S., **Teichmann C.**, Solmon F., Pavlidis V., **Rechid D.**, **Hoffmann P.**, Fernandez J., Nikulin G., **Jacob D.** (2023): Delivering an improved framework for the new generation of CMIP6-driven EURO-CORDEX regional climate simulations. *Bulletin of the American Meteorological Society*, 105(6), E962-E974, DOI: 10.1175/BAMS-D-23-0131.1
- Katsaros K.**, **Marggraf C.**, Ebi K.L., Buvana K., Hashizume M., Lung S.C.C., Murray V., Thiam S., **Huang-Lachmann J.T.** (2024): Exploring interconnections: A comprehensive multi-country analysis of climate change, energy demand, long-term care, and health of older adults. *Maturitas*, 184, 107961, DOI: 10.1016/j.maturitas.2024.107961
- Kenfack K., **Tamoffo A.T.**, Djotang Tchotchou L.A., Marra F., Kaissassou S., Nana H.N., Vondou D.A. (2024): Processes behind the decrease in Congo Basin precipitation during the rainy seasons inferred from ERA-5 reanalysis. *International Journal of Climatology*, 44(5), 1778-1799, DOI: 10.1002/joc.8410
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- Stevens B., Adami S., Ali T., Anzt H., Aslan Z., Attinger S., Bäck J., Baehr J., P. Bauer P., Bernier N., Bishop B., Bockelmann H., Bony S., Bresseur G., Bresch D.N., Breyer S., Brunet G., Buttigieg P.L., Cao J., Castet C., Cheng Y., Choudhury A.D., Coen D., Crewell S., Dabholkar A., Dai Q., Doblas-Reyes F., Durran D., El Gaidi A., Ewen C., Exarchou E., Eyring V., Falkenhoff F., Farrell D., Forster P.M., Frassoni A., Frauen C., Fuhrer O., Gani S., Gerber E., Goldfarb D., Grieger J., Gruber N., Hazeleger W., Herken R., Hewitt C., Hoefler T., Hsu H.H., **Jacob D.**, Jahn A., Jakob C., Jung T., Kadow C., Kang I.S., Kang S., Kashinath K., Kleinen-von Königslöw K., Klocke D., Kloenne U., Klöwer M., Kodama C., Kollet S., Kölling T., Kontkanen J., Kopp S., Koran M., Kulmala M., Lappalainen H., Latifi F., Lawrence B., Lee J.Y., Lejeun Q., Lessig C., Li C., Lippert T., Luterbacher J., Manninen P., Marotzke J., Matsouoka S., Merchant C., Messmer P., Michel G., Michielsen K., Miyakawa T., Müller J., Munir R., Narayanasetti S., Ndiaye O., Nobre C., Oberg A., Oki R., Özkan-Haller T., Palmer T., Posey S., Prein A., Primus O., Pritchard M., Pullen J., Putrasahan D., Quaas J., Raghavan K., Ramaswamy V., Rapp M., Rauser F., Reichstein M., Revi A., Saluja S., Satoh M., Schemann V., Schemm S., Schnadt Poberaj C., Schulthess T., Senior C., Shukla J., Singh M., Slingo J., Sobel A., Solman S., Spitzer J., Stier P., Stocker T., Strock S., Su H., Taalas P., Taylor J., Tegtmeier S., Teutsch G., Tompkins A., Ulbrich U., Vidale P.L., Wu C.M., Xu H., Zaki N., Zanna L., Zhou T., Ziemann F. (2024): Earth Virtualization Engines (EVE). *Earth System Science Data*, 16(4), 2113-2122, DOI: 10.5194/essd-16-2113-2024

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