

GERICS Publications (peer reviewed)

2024

- Asselin O., Leduc M., Paquin D., de Noblet-Ducoudré N., **Rechid D.**, Ludwig R. (2024): Blue in green: forestation turns blue water green, mitigating heat at the expense of water availability. *Environmental Research Letters*, 19(11), 114003, DOI: 10.1088/1748-9326/ad796c
- Augustin J., Hischke S., **Hoffmann P.**, Castro D., Obi N., Czerniejewski A., Dallner R., **Bouwer L.M.** (2024): Auswirkungen thermischer Belastungen auf die Gesundheit – eine bundesweite Analyse auf Grundlage von GKV-Routinedaten zwischen 2012-2021. *Bundesgesundheitsblatt*, DOI: 10.1007/s00103-024-03968-5
- Bajracharya S., Gunawardhana L.N., **Sirisena J.**, Bamunawala J., Rajapakse L., Odara M.G.N. (2024): Unlocking the mysteries of drought: integrating snowmelt dynamics into drought analysis at the Narayani River Basin, Nepal. *Natural Hazard*, DOI: 10.1007/s11069-024-07004-2
- Bell L.M.**, Schlünzen K.H., **Sieck K.** (2024): Reproducibility of local cold season characteristics, ice episodes and prevailing circulation patterns in regional climate models. *Quarterly Journal of the Royal Meteorological Society*, 150(765), DOI: 10.1002/qj.4881
- 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
- Bilbao-Barrenetxea N., Santolaria-Otín M., **Teichmann C.**, Faria S.H., **Máñez-Costa M.** (2024): Added value of EURO-CORDEX downscaling over the complex orography region of the Pyrenees. *Climate Dynamics*, 62, 7981-7996, DOI: 10.1007/s00382-024-07318-8
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- Cabana D.**, Pinna S., Farina S., Grech D., Barbieri N., Guala I. (2024): Coastal cultural ecosystem services and adolescents' subjective well-being. *AMBIO*, 53, 1561-1573, DOI 10.1007/s13280-024-02043-2
- 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., Ã-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

De Zoysa S., **Sirisena J.**, Perera H., Fernando S., Gunathilake M., Rathnayake U. (2024): Development of intensity-duration-frequency curves for Sri Lanka using satellite-based precipitation products – Understanding environmental conditions and concerns. *Case Studies in Chemical and Environmental Engineering*, 9, 100713, DOI 10.1016/j.cscee.2024.100713

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