

Refereed papers (査読付き論文)

Published (出版済)

1. Wang, B., J.-Y. Lee, I.-S. Kang, J. Shukla, C.-K. Park, A. Kumar, J. Schemm, S. Cocke, J.-S. Kug, J.-J. Luo, T. Zhou, B. Wang, X. Fu, W.-T. Yun, O. Alves, E. K. Jin, J. Kinter, B. Kirtman, T. Krishnamurti, N. C. Lau, W. Lau, P. Liu, P. Pegion, T. Rosati, S. Schubert, W. Stern, M. Suarez, and T. Yamagata, 2008: Advance and prospectus of seasonal prediction: assessment of the APCC/ClipAS 14-model ensemble retrospective seasonal prediction (1980-2004). *Climate Dynamics*, 33, 93-117. 【グループ 2】
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4. Landman, W. A., M.-J. Kgatuke, M. Mbedzi, A. Beraki, A. Bartman, and A. du Piesanie, 2009: Performance comparison of some dynamical and empirical downscaling methods for South Africa from a seasonal climate modelling perspective. *International Journal of Climatology*, 29, 1535-1549. 【グループ 2】
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6. Luo, J.-J., R. Zhang, S. Behera, Y. Masumoto, F.-F. Jin, R. Lukas and T. Yamagata, 2010: Interaction between El Niño and extreme Indian Ocean Dipole. *Journal of Climate*, 23, 726-742. 【グループ 2】
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8. Izumo, T., J. Vialard, M. Lengaigne, S. Masson, S. Cravatte, C.B. Montegut, J.-J. Luo, S. K. Behera, and T. Yamagata, 2010: Role of Indian Ocean in extending El Niño predictability. *Nature Geoscience*, 3, 168-172. 【グループ 1】
9. Lee, J.-Y., B. Wang, I.-S. Kang, J. Shukla, A. Kumar, J.-S. Kug, J. K. E. Schemm, J.-J. Luo, T. Yamagata, X. Fu, O. Alves, B. Stern, T. Rosati, and C.-K. Park, 2010: How are seasonal prediction skills related to models' performance on mean state and annual cycle? *Climate Dynamics*, 35, 267-283. 【グループ 2】
10. Morioka, Y., T. Tozuka, and T. Yamagata, 2010: Climate variability in the southern Indian Ocean as revealed by self-organizing maps. *Climate Dynamics*, 35, 1059-1072. 【グループ 1】
11. Masumoto, Y., 2010: Sharing results of a high-resolution ocean general circulation model under multi-discipline framework - A review of OFES activities -. *Ocean Dynamics*, 60, 633-652. 【グループ 2】
12. 田口文明、野中正見, 2010: 海面水温前線, *天気*, 57, 423-425. 【グループ 1】
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39. Richter, I., S. K. Behera, Y. Masumoto, B. Taguchi, H. Sasaki, and T. Yamagata, 2012: A new type of interannual variability in the equatorial Atlantic, *Nature Geoscience*, 6, 43-47. 【グループ 1】
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54. Engelbrecht, C. J., F. A. Engelbrecht, and L. L. Dyson, 2013: High-resolution model-projected changes in mid-tropospheric closed lows and extreme rainfall events over southern Africa. *International Journal of Climatology*, 33, 173-187. 【グループ 1】

In press (印刷中)

1. Malherbe, J., W. A. Landman, C. Oliver, H. Sakuma, and J.-J. Luo, 2013: Seasonal forecasts of the SINTEX-F coupled model applied to maize yield and streamflow estimates over north-eastern South Africa. *Meteorological Applications*, in press. 【グループ 4】
2. Ratnam J. V., S. K. Behera, S. Ratna, H. Rautenbach, C. Lennard, J.-J. Luo, Y. Masumoto, K. Takahashi, and T. Yamagata, 2013: Dynamical downscaling of austral summer climate forecasts over southern Africa using a simple regional coupled model. *Journal of Climate*, in press. 【グループ 2】
3. Cronin, M., T. Tozuka, A. Biastoch, J. Durgadoo, and L. Beal, 2013: Prevalence of strong bottom currents in the Greater Agulhas System. *Geophysical Research Letters*, in press. 【グループ 1】

Submitted (投稿中)

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2. Rouault, M., and S. Behera: Ocean atmosphere trend in the Indian Ocean. Submitted to *Climate Dynamics*. 【グループ 1】
3. Behera, S. K., J. V. Ratnam, M. Rouault, K. Takahashi, and T. Yamagata: Decadal variations of extreme rainfall events over South Africa. Submitted to *Journal of Climate*. 【グループ 1】
4. Sasaki, W., T. Doi, K. J. Richards, and Y. Masumoto: ENSO influence on the equatorial Atlantic through the Walker circulation in a CGCM. Submitted to *Journal of Climate*. 【グループ 1】
5. Ratna S, B., J. V. Ratnam, S. K. Behera, C.J.deW. Rautenbach, T. Ndarana, K. Takahashi, and T. Yamagata: Performance assessment of three convective parameterization schemes in WRF for downscaling summer rainfall over South Africa, Submitted to *Climate Dynamics*. 【グループ 2】