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専門分野	気象学
研究テーマ	(1)アジアモンスーンの長周期変動 (2)インド亜大陸北東部における豪雨の形成メカニズム (3)宇摩平野におけるやまじ風のメカニズム
主な著書・論文 地域貢献活動	(1)寺尾 徹・久保田 拓志, 2005: エルニーニョ終息後の西部北太平洋モンスーンと日本の天候の特徴. 気象研究ノート, 210, 111-120. (2)寺尾 徹・久保田 拓志, 2006: エルニーニョ終息後における大気循環場と日本の夏季の天候の特徴. 月刊海洋, 号外44, 160-168. (3)Toru Terao and Takuji Kubota, 2005: East-west SST contrast over the tropical oceans and the post El Nino western North Pacific summer monsoon. Geophysical Research Letters, 32, (4)Toru Terao, Md. Nazrul Islam, Taiichi Hayashi, and Taro Oka, 2006: Nocutnal jet and its effects on early morning rainfall peak over northeastern Bangladesh during the summer monsoon season. Geophysical Research Letters, 33, 10.1029/2006GL026156. (5)Toru Terao, Md. Nazrul Islam, Fumie Murata and Taiichi Hayashi, 2008: High temporal and spatial resolution observations of meso-scale features of pre- and mature summer monsoon cloud systems over Bangladesh, Natural Hazards, 44, 341-351. (6)Toru Terao, Fumie Murata, Md. Nazrul Islam and Taiichi Hayashi, 2008: Characteristics of atmospheric disasters and rainfall in pre- and mature summer monsoon seasons over northeast India and Bangladesh. The Oxford-Kobe environment seminar: The environmental history of Europe and Japan, 209-218. (7)紀井 伸章, 寺尾 徹, 森 征洋, 2007: やまじ風発生時の気象状況について(3). 日本気象学会関西支部例会講演要旨集, 113, 13-16. (8)Hashizume, M., T. Terao and N. Minakawa (2009): The Indian Ocean Dipole and malaria risk in the highlands of western Kenya. Proceedings of the National Academy of Science of the United States of America, Vol. 106, 1857-1862. (9)Hashizume, M., A. S. G. Faruque, T. Terao, M. Yunus, K. Streatfield, T. Yamamoto, and K. Moji (2011): The Indian Ocean dipole and cholera incidence in Bangladesh: A time series analysis. Environmental Health Perspectives, 119, 239-244. (10)Terao, T., F. Murata, A. Habib, M. S. H. Bhuiyan, S. A. Choudhury, and T. Hayashi (2013): Impacts of rapid warm-to-cold ENSO transitions on summer monsoon rainfall over the northeastern Indian subcontinent. J. Meteor. Soc. Japan, 91, 1-21. (11)Choudhury, S. A., T. Terao, F. Murata and T. Hayashi (2013): Seasonal variations of temperature and rainfall characteristics in the northeastern part of Bangladesh around Sylhet. J. Agrofor. Environ., 6, (12)重田祥範・大橋唯太・寺尾徹・大澤輝夫 (2013): 愛媛県大洲市沿岸部で発生する局地風“肱川あらし”の鉛直構造. 天気, 56, in press.