

### ***Peer reviewed publications***

Laux, P., Jäckel, G., Tingem, M., Kunstmann, H. (2009): Onset of the rainy season and crop yield in Sub Saharan Africa - Tools and perspectives for Cameroon. IAHS Publication, Hyderabad, India, September 6-12 (accepted for pub.).

Laux, P., Wagner, S., Wagner, A., Jacobeit, J., Bárdossy, B., Kunstmann, H. (2009): Modelling daily precipitation features in the Volta Basin in West Africa; *International Journal of Climatology*, doi 10.1002/joc.1852.

Laux, P., Kunstmann, H., Bárdossy A. (2008): Predicting the Regional Onset of the Rainy Season in West Africa; *International Journal of Climatology* 28(3): 329-342.

Laux, P., Kunstmann, H. (2008): Detection of regional weekly weather cycles across Europe; *Environmental Research Letters* 3, 044005.

Laux, P., Kunstmann, H., Lutz, K., Jacobeit, J., Beck, C., Philipp, A., Bárdossy, A. (2008): Comparison of different objective atmospheric circulation pattern analyses in the Jordan region. IAHS Publication, HydroPredict 2008, Prague, Czech Republic, September 15-18.

Laux, P., Heckl, A., Jacobeit, J., Bárdossy, A., Kunstmann, H. (2008): Linking droughty and wet weather in the Jordan region with atmospheric circulation patterns; AEC conference contribution, Tarragona, Spain, October 8-11.

van de Giesen, N., Andah, W., Andreini, M., Barry, B., Jung, G., Kunstmann, H., Laube, W., Laux, P., Liebe, J. (2008): Adapting to Climate Change in West Africa. Expo Zaragoza 2008.

Neumann, R., Jung, G., Laux, P., Kunstmann, H. (2007): Climate trends of temperature, precipitation and river discharge in the Volta Basin of West Africa; *International Journal of River Basin Management*; 5(1): 17-30.

Laux, P., Kunstmann, H., Bárdossy A. (2007): Linking the West African monsoon's onset with atmospheric circulation patterns. IAHS Publication 313: 40-50.

### ***Other publications***

Laux, P. (2009): Statistical modeling of precipitation for agricultural planning in West Africa, *Mitteilungen / Institut für Wasserbau, Universität Stuttgart*, Heft 179, ISSN 0343-1150, 198 pages.

Laux, P., Kunstmann, H. (2008): Volta: Predicting the Onset of the Rainy Season in the Volta basin. In: Gustard, A. (ed.) *Glöwa – Globaler Wandel des Wasserkreislaufs, IHP/HWRP-Berichte*, Heft 7, ISSN 1614-1180, 52-53.

Laux, P. (2003): Quantifizierung chemischer Parameter anhand von Sedimentreflexionsspektren des Olewiger Baches (Region Trier) - Methodenvergleich Partial Least Squares Regression (PLSR) vs. Künstliche Neuronale Netze (ANN), Hamburg: Diplomica Verlag, 144 Seiten.