

Journal Papers 2011

Addo, K. A., Larbi, L., Amisigo, B. and Ofori-Danson, P. K. (2011) Impacts of coastal inundation due to climate change in a cluster of urban coastal communities in Ghana, West Africa. *Remote Sens.* 2011, 3, 2029-2050; doi:10.3390/rs3092029.

Adjei, K. A., Liliang, R., Appiah-Adjei, E. K., Kankam-Yeboah, K. and Agyapong, A. A. (2011) Validation of TRMM data in the Black Volta Basin of Ghana. *Journal of Hydrologic Engineering, ASCE*, doi:10.1061/(ASCE)HE.1943-5584.0000487]

Agyekum, W. A., Kankam-Yeboah, K., Okrah, C. and Ofori, D. (2011) Groundwater management practices of the Tano Transboundary Aquifer System. *Ghana Journal of Science.*

Amoako, J., Ansa-Asare, O. D., Karikari, A. Y. and Dartey, G. (2011). Levels of Polycyclic Aromatic Hydrocarbons (PAHs) in the Densu River Basin of Ghana. *Environmental Monit and Assess*, **174**: 471-480

Amoako, J., Karikari, A. Y. and Ansa-Asare, O. D. (2011) Physico-chemical quality of boreholes in Densu Basin of Ghana. *Appl. Water Sci.* DOI 10. 1007/s 13201-011-0007-0

Andoh, H. F., Amoatey, P. K., Agodzo, S. K. and Ampofo, J. A. (2011) Water education and its impact on water use in some rural communities of the Upper East Region of Ghana. *Journal of Environmental Education.*

Ansa, E. D. O., Lubberding, H. J. and Gijzen, H. J. (2011) The effect of algal biomass on the removal of faecal coliform from domestic wastewater. *Applied Water Science* DOI 10.1007/s13201-011-0025-y

Ansa, E. O., Lubberding, H. J., Ampofo, J. A. and Gijzen, H. J. (2010) The role of algae in the removal of *Escherichia coli* in a tropical eutrophic lake. *Ecological Engineering*, ECOLENG-D-09-00356R1. Vol. **37**. pp. 317 – 324.

Asante, K. A., Adu-Kumi, S., Nakahiro, K., Takahashi, S., Isobe, T., Sudaryanto, A., Devanathan, G., Clarke, E., Ansa-Asare, O. D., Dapaah-Siakwan, S., Tanabe, S. (2011) Human exposure to PCBs, PBDEs and HBCDs in Ghana: Temporal variation, sources of exposure and estimation of daily intakes by infants. *Environment International* **37**: 921-928.

Asmah, R. (2012) Review of aquaculture site selection and carrying capacity estimates for inland and coastal water bodies in West Africa. In: Ross, L.G., Telfer, T. C., Soto, D. and Aguilar-Manjarrez, J. A. (Eds). (2012) Site selection and carrying capacities for inland and coastal aquaculture, *African Journal of Aquatic Sciences.*

Biney, C. A. and Asmah, R. (2010) The effects of physico-chemical parameters on speciation of trace metals in sediments from inland and coastal waters of Ghana. *African Journal of Aquatic Sciences* 2010, 35(3): 299-305.

Essel, P., Amisigo, B. and Akiti, T. T. (2011) Solute transport model for radioisotopes in layered soil. *Elixir Pollution* 41 (2011) 6041-6044

Forkuor, G., Pavelic, P., Asare, E. and Obuobie, E. (2011) Modelling agricultural groundwater development potential areas in Northern Ghana using GIS/RS approach. *Hydrological Sciences Journal*.

Kankam-Yeboah, K., Agyekum, W. A, Okrah, C. and Ofori, D. (2011) Water resources management of shared transboundary aquifer system – the case of the Keta Basin. *Ghana Journal of Science*.

Kankam-Yeboah, K., Obuobie, E., Amisigo, B., Opoku-Ankomah, Y. and Ofori, D. (2011) Effect of climate change on water resources in Ghana, *Journal of Hydrology*.

Mattah, M., Dreschel, P., Ampofo, J., Mattah, P. A. D. and Gordon, C. (2011) When irrigation scheme becomes urban: Effects of multiple water use on water quality in southern Ghana – a case study of Ashaiman irrigation dam. *International Research Journals*.

Obiri, S., Cobbina, S. J., Armah, F. A. and Naangmenyle, Z. (2011): Quantification and characterization of vehicle – based Polycyclic Aromatic Hydrocarbons in street dust from Tamale Metropolis. *Environ Sci Pollut Res* (2011) 18:1166–1173

Obiri, S., Quainoo, A. and Dzifa, D. (2011): The use of maize tassel as an agricultural by-product to ameliorate heavy metals in contaminated groundwater. *Research in Biotechnology*, 2(4): 38-40, 2011

Obuobie, E., Diekkrueger, B., and Agyekum, W. (2001) Groundwater level monitoring and recharge estimation in the White Volta River Basin of Ghana. *Journal of African Earth Sciences*.

Obuobie, E., Kankam-Yeboah, K., Amisigo, B., Opoku-Ankomah, Y. and Ofori, D. (2011) Assessment of vulnerability of river basins in Ghana to water stress conditions under climate change. *Journal of Water and Climate Change*.

Padi, J. N. (2009) Comparative evaluation of Nile Tilapia, *Oreochromis niloticus* (Cichlidae) and the catfishes, *Chrysichthys nigrodigitatus* and *C. auratus* (Claroteidae) for semi-intensive polyculture in Ghana, *Ghana Journal of Science* 49:17-26.

Padi, J. N. and Dunham, R. A. (2009) Genetic differences in resistance of farmed channel catfish (*Ictalurus punctatus*) crossbreeds to enteric septicemia and columnaris diseases. *Ghana Journal of Science* 49:27-34.

Quarcoopome, T., Amevenku, F. K. Y. and Ofori-Danson, P. K. (2011) Changes in the fish community of the Kpong Headpond, Lower Volta River, Ghana, since 25 years of impoundment. *International Journal of Tropical Biology*, ISSN-0034-7744. Vol. 59 (4) 1685 - 1696.

Stoler, J., Fink, G., Weeks, J. R., Otoo, R. A., Ampofo, J. A. and Hill, A. G. (2011) When urban taps run dry: Sachet water consumption and health effects in low income neighborhoods of Accra, Ghana. *Health & Place*.