

## Publications

1. Happell, J. D., S. Opsahl, Z. Top, and J. P. Chanton, Apparent CFC and  $3\text{H}/3\text{He}$  age differences in water from Floridan Aquifer springs, *J. Hydrology*, 319, 410–426, 2006.
2. Whiting G.J., J.P. Chanton, D.S. Bartlett and J.D. Happell; Methane flux, net primary productivity and biomass relationships in a sub-tropical grassland community, *J. Geophys. Res.*, 96, 13067–13071, 1991.
3. Chanton J.P., G.J. Whiting, J.D. Happell and G. Gerard, Contrasting rates and diurnal patterns of methane emission from emergent aquatic macrophytes, *Aquatic Botany*, 46, 111–128, 1993.
4. Happell J.D. and J.P. Chanton, Carbon remineralization in a north Florida flooded forest: effects of water level on the pathways and rates of soil organic matter decomposition, *Global Biogeochem. Cycles*, 7, 475–490, 1993.
5. Happell J.D., J.P. Chanton, G.J. Whiting and W.J. Showers, Stable isotopes as tracers of methane dynamics in Everglades marshes with and without active populations of methane oxidizing bacteria, *J. Geophys. Res.*, 98, 14771–14782, 1993.
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11. Happell J.D., and D.W.R. Wallace, Removal of atmospheric  $\text{CCl}_4$  under bulk aerobic conditions in groundwater and soils, *Environ. Sci. Technol.*, 32, 1244–1252, 1998.

12. Happell J.D., and M. P. Roche, Soils: A global sink of atmospheric carbon tetrachloride, *Geophys. Res. Lett.*, 30(2), 1088, doi:10:1029/2002GL015957, 2003.
13. Happell J.D., R.M. Price, Z. Top, and P.K. Swart, Evidence for the removal of CFC-11, CFC-12, and CFC-113 at the groundwater-surface water interface in the Everglades, *J. Hydrol.* 279, 94-105, doi:10:1016/S0022-1694(03)00169-0, 2003.
14. Price, R.M., Z. Top, J.D. Happell, and P.K. Swart, Use of tritium and helium to define groundwater flow conditions in Everglades National Park, *Water Resour. Res.*, 39(9),1267, doi:10:1029/2002WR001929, 2003.
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30. Hartin, C. A., R.A. Fine, B.M. Sloyan, L.D. Talley, T.K. Chereskin, and J. Happell, Formation rates of Subantarctic mode water and Antarctic intermediate water within the South Pacific, *Deep–Sea Res.* 1, 58, 525–534, 2011.
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