**PACE AC Publications:
Published**
P. Zhai, Y. Hu, D. M. Winker, B. Franz, E. Boss, “Contribution of Raman scattering to polarized radiation field in ocean waters,” Optics Express, 23(18), 23582-23596 (2015). **Submitted**Xu, F., Dubovik, O., Zhai, P.-W., Diner, D. J., Kalashnikova, O. V., Seidel, F. C., Litvinov, P., Bovchaliuk, A., Garay, M. J., van Harten, G., and Davis, A. B.: Joint retrieval of aerosol and water-leaving radiance from multi-spectral, multi-angular and polarimetric measurements over ocean, Atmos. Meas. Tech. Discuss., doi:10.5194/amt-2015-394, in review, 2016.