## **BIBLIOGRAPHY**

- [1] Miles, J.W., "Solitary waves", Ann. Rev. Fluid Mech., 12, 11-43
- [2] Lee, Ch.-Y., and R. C. Beardsley, 1974, "The Generation of long nonlinear internal waves in a weakly stratified shear flows", J. Geophys. Res., 79, n. 3, 453-457
- [3] Apel, J.R., H. M. Byrne, J. R. Proni, and R.L. Charnell, 1975, "Observations of oceanic internal waves from the Earth Resources Technology Satellite", J. Geophys. Res., 80, 865-881
- [4] L. A. Ostrovsky and Y. A. Stepanyants, Internal solitons in laboratory experiments: Comparison with theoretical models, Chaos 15, 037111 2005
- [5] The 1998 WHOI/IOS/ONR Internal Solitary Wave Workshop: Contributed Papers, edited by T. F. Duda and D. Farmer, Technical Report WHOI-9907, 1999.
- [6] J. R. Apel, Linear and nonlinear internal waves in coastal and marginal seas, in Oceanographic Applications of Remote Sensing, edited by M. Ikeda and F. Dobson CRC Press, Boca Raton, 1995
- [7] J. R. Apel, L. A. Ostrovsky, and Y. A. Stepanyants. "Internal solitions in the ocean". Technical Report MERCJRA0695, John Hopkins APL, July 1995.
- [8] Ji-xun Zhou, Xue-zhen Zhang, and Peter H. Rogers, "Resonant interaction of sound wave with internal solitons in the coastal zone," JASA 90(4), 2042-2054
- [9] J. C. Preisig and T. F. Duda, Coupled acoustic mode propagation through continental shelf internal solitary waves, IEEE J. Ocean. Eng. 222, 256-269 1997.
- [10] B. Katznelson and V. Petnikov, 2000,"Low frequency horizontal acousite refraction caused by internal wave solitons in a shallow sea", it Acoustical Physics, 46 n.6, 774-788
- [11] M. Badiey, Y. Mu, J. F. Lynch, X. Tang, J. R. Apel, and S. Wolf, Azimuthal and temporal dependence of sound propagation due to shallow water internal waves, *IEEE J. Ocean. Eng.* 27(1), 117129 2002.
- [12] M. Badiey, B. G. Katznelson, J. F. Lynch, S. A. Pereselkov, and W. Siegmann, Measurement and modeling of 3-D sound intensity variations due to shallow water internal waves, J. Acoust. Soc. Am. 1172, 613625 2005

- [13] Rubenstein, D. 1999, "Observations of Cnoidal Internal Waves and Their Effect on Acoustic Propagation in Shallow Water", *IEEE J. Ocean. Eng.*24(3), 346-357
- [14] Lynch, J.F.; Ying-Tsong Lin; Duda, T.F.; Newhall, A.E. 2010,"Acoustic Ducting, Reflection, Refraction, and Dispersion by Curved Nonlinear Internal Waves in Shallow Water", *IEEE J. Ocean. Eng.* 35(1) 12-27
- [15] R. A. Kropfli, L. A. Ostrovski, T. P. Stanton, E. A. Skirta, A. N. Keane, and V. Irisov, "Relationships between strong internal waves in the coastal zone and their radar and radiometric signatures", *Journal of Geophysical Research*, Vol. 104, NO. C2, p.p. 3133-3148, Feb. 15, 1999
- [16] M. Badiey, Y. Mu, J. Lynch, J. R. Apel, and S.Wolf, "Temporal and azimuthal dependence of sound propagation in shallow water with internal waves," IEEE J. Oceanic Eng. 27(1), 117-129 (2002).
- [17] M. Badiey, B. G. Katsnelson, J. F. Lynch, and S. Pereselkov, "Frequency dependence and intensity fluctuations due to shallow water internal waves," J. Acoust. Soc. Am. 122(2), 747-760 (2007).
- [18] Newhall, A. E., T. F. Duda, J. D. I. K. von der Heydt, J. N. Kemp, S. A. Lerner, S. P. Liberatore, Y.-T. Lin, J. F. Lynch, A. R. Maffei, A. K. Morozov, A. Shmelev, C. J. Sellers, and W. E. Witzell, "Acoustic and oceanographic observations and configuration information for the WHOI moorings for the SW06 experiment," WHOI technical report WHOI-2007-04, (2007).
- [19] Collis, J. M., T. F. Duda, J. F. Lynch, H. A. DeFerrari, "Observed limiting cases of horizontal field coherence and array performance in a time-varying internal wavefield," JASA, this issue (2008).
- [20] D.J. Tang, J.N. Moum, J. Lynch, P. Abbott, R. Chapman, P. Dahl, T. Duda, G. Gawarkieweicz, S. Glenn, J. Goff, H. Graber, J. Kemp, A. Maffei, J. Nash and A. Newhall, "Shallow Water '06 A Joint Acoustic Propagation / Nonlinear Internal Wave Physics Experiment", Oceanography, 20(4), 156-167, 2007.
- [21] Newhall, A.E., Duda, T.F., Von der Heydt, K., Irish, J.D., Kemp, J.N., Lerner, S., Liberatore, S.P, Lin, Y.T., Lynch, J.F., Maffei, A., Morozov, A.K., Shmelev, A., Sellers, C., and Witzell, W. Acoustic and oceanographic observations and configuration information for the WHOI moorings from the SW06 experiment, Woods Hole. Oceanog. Inst. Tech Report, WHOI-2007-04, June 2007.