

References

- Antolik, M. (1996) New results from studies of three outstanding problems in local, regional and global seismology, PhD THesis, U.C. Berkeley, pp 311.
- Araki, E., M. Shinohara, S. Sacks, A. Linde, T. Kanazawa and K. Suyehiro (2003) Improvement of seismic observation in the ocean by use of ocean boreholes, submitted to *Bull. Seism. Soc. Am.*
- Babcock, J. M., B. A. Kirkendall and J. A. Orcutt (1994) Relationship between Ocean Bottom Noise and the Environment, *Bull. Seism. Soc. Am.*, **84**, 1991-2007.
- Beauduin, R. and J. P. Montagner (1998) Time evolution of broadband seismic noise during the French pilot experiment OFM/SISMOBS, *Geophys. Res. Lett.*, **23**, 2995-2998.
- Begnaud, M.L. and D.S. Stakes (2000) Constraining continental margin seismicity by extending on-shore seismograph stations to critical off-shore sites, *Bull. Seism. Soc. Am.*, **90**, 414-424.
- Begnaud, M. L., K. C. McNally, D. S. Stakes and V. A. Gallardo (2000) A crustal velocity model for locating earthquakes in Monterey Bay, California, *Bull. Seism. Soc. Am.*, **90**, 1391-1408.
- Beranzoli L., De Santis A., Etiope G., Favali P., Frugoni F., Smriglio G., Gasparoni F., Marigo A., (1998) - GEOSTAR A GEophysical and Oceanographic STation for Abyssal Research, *Physics Of The Earth And Planetary Interiors*, 108(2), 175-183.
- Bernard, P., Sur certaines propriétés de la houle étudiées à l'aide des enregistrements sismographiques, *Bull. Inst. Oceanogr. Monaco*, **800**, 1-19, 1931.
- Blackmann, D. K., J. A. Orcutt and D. W. Forsyth, Teleseismic detection using ocean bottom seismometers at mid-ocean ridges, *Bull. Seism. Soc. Am.*, **85**, 1648-1664 (1995).
- Brocher, T. M., J. McCarthy, P. E. Hart, W. S. Holbrook, K. P. Furlong, T. V. McEvilly, J. A. Hole and BASIX Working Group (1994) Seismic evidence for a possible lower crustal detachment beneath San Francisco Bay, *Science*, **265**, 1436-1439.
- Bürgmann, R. (1997) Active detachment faulting in the San Francisco Bay area?, *Geology* , **25**, 1135-1138.
- Bromirski, P. and F. Duennebier (2002) The near-coastal microseism spectrum: spatial and temporal climate relationships, *J. Geoph. Res.*, 107, 10.1029/2001JB000265.
- Butler, R., A. D. Chave, F. K. Duennebier, D. R. Yoerger, R. Petitt, D. Harris, F. B. Wooding, A. D. Bowen, J. Bailey, J. Jolly, E. Hobart, J. A. Hildebrand, and A. H. Dodeman (2000) Hawaii-2 Observatory pioneers opportunities for remote instrumentation in ocean studies, *EOS Trans. AGU*, vol. 81, 157, 162-163.
- Cessaro, R. K. (1994) Sources of primary and secondary microseisms, *Bull. Seism. Soc. Am.*, **84**, 142-148.
- Collins, J.A., F. L. Vernon, J. A. Orcutt, R. A. Stephen, K. R. Peal, F.B. Wooding, F.N. Spiess and J. A. Hildebrand (2001) Broadband seismology in the oceans: lessons from the Ocean Seismic Network Pilot Experiment, *Geophys. Res. Lett.*, **28**, 49-52.
- COSOD II
- Cox, C., T. Deaton and S. Webb (1984) A deep-sea differential pressure gauge, *J. Atm. Ocean. Tech.*, 1, 237-245.
- Crawford, W. C., S.C. Webb and J. A. Hildebrand (1991) Seafloor compliance observed by long pressure and displacement measurements, *J. Geophys. Res.*, **96**, 16,151-16,160.
- Crawford, W. C. and S. C. Webb (2000) Identifying and removing tilt noise from low-frequency (< 0.1 Hz) seafloor vertical seismic data, *Bull. Seism. Soc. Am.*, **90**, 952-963.
- DeMets, C, Gordon, R.G., Stein, S. and Argus, D. F. (1987) A revised estimate of Pacific-North American motion and implications for western North American plate boundary zone tectonics,

- Geophys. Res. Lett.*, 14, 911-914.
- Detrick, R.S. et al. (2003) Enabling Ocean research in the 21st century: implementation of a network of Ocean Observatories, NRC Report, 228pp.
- Dreger, D. (1997), The Large Aftershocks of the Northridge Earthquake and their Relationship to Mainshock Slip and Fault Zone Complexity, *Bull. Seism. Soc. Am.*, **87**, 1259-1266.
- Dreger, D. and B. Romanowicz (1994) Source characteristics of events in the San Francisco Bay region, in *USGS Open-file report no 94-176*, **301-309**.
- Duennebier, F.K. and G.H. Sutton (1995) Fidelity of ocean bottom seismic observations, *Marine Geophys. Res.*, **17**, 535-555.
- Dziewonski, A., R. F. J.Wilkens, et al. (1992) Proceedings of the Ocean Drilling Program, Initial Reports, vol. 136.
- Eaton, J. P. (1985) Regional seismic background of the May 2, 1983, Coalinga earthquake, in *Mechanics of the May 2, 1983, Coalinga Earthquake*, U.S. Geol. Survey Open file Report 85, 44.
- Forsyth, D., A. Dziewonski and B. Romanowicz (1995) Scientific objectives and required instrumentation, in proceedings of Ocean Seismic Network workshop :" Broadband Seismology in the Oceans: towards a five year plan", 8-18.
- Friedrich, A., F. Kruger and K. Klinge (1998) Ocean-generated microseismic noise located with the GRFO array, *J. Seismol.*, **2**, 47-64.
- Gee, L., D. Neuhauser, D. Dreger, R. Uhrhammer and B. Romanowicz (2003) The Rapid Earthquake Data Integration Project, in *International Handbook of Earthquake and Engineering Seismology*, **81B**, 1261-1273.
- Hutton, L., K., Jones, L.M., Hauksson, E. and Given D. D. (1991) Seismotectonics of southern California, in *Neotectonics of North America: Boulder, Co, Geological Soc. of America, Decade Map Volume I*, Slemmons, D. B., Engdahl, E. R., Zoback, M. D. and Blackwell, D. D., eds.
- Haubrich, R. A. and K. McCamy (1969) Microseisms: coastal and pelagic sources, *Rev. of Geophys.*, **7**, 539-570.
- Hedlin, M. A. H. and J. A. Orcutt (1989) A comparative study of island, seafloor and subseafloor ambient noise levels, *Bull. Seism. Soc. Am.*, **79**, 172-179.
- Herbers, T. H. C., S. Elgar and R. T. Guza (1994) Infragravity-Frequency (0.005-0.05 Hz) Motions on the shelf. Part I: Forced Waves, *J. Phys. Oceanogr.*, **24**, 917-927.
- Herbers, T. H. C., S. Elgar, R. T. Guza and W. C. O'Reilly (1995) Infragravity-Frequency (0.005-0.05 Hz) Motions on the shelf. Part II: Free Waves, *J. Phys. Oceanogr.*, **25**, 1063-1079.
- Hill, D. P., Eaton, J. P., Ellsworth, W.L., Cockerham, R. S., Lester, F. W. and Corbett, E. J. (1991) The seismotectonic fabric of central California, in *Neotectonics of North America: Boulder, Co, Geological Soc. of America, Decade Map Volume I*, Slemmons, D.B., Engdahl, E. R., Zoback, M. D. and Blackwell, D. D., eds.
- Kasahara, J., T. Sato, H. Momma, and Y. Shirasaki (1998) A new approach to geophysical real-time measurements on a deep-seafloor using decommissioned submarine cables, *Earth Planets Space*, **50**, 913-925.
- Longuet-Higgins, M. S. (1950) A theory of the origin of microseisms, *Phil. Trans. R. Soc. London*, **A243**, 1-35.
- Minster, J. B. and T. H. Jordan (1978) Present-day plate motions, *J. Geophys. Res.*, **83**, 5331-5354.
- Montagner, J.P. and Y. Lancelot (1995), Editors, "Multidisciplinary observatories on the deep seafloor", report of International Ocean Network workshop held at Marseille, France,

- 01/11-01/13, 1995 published by INSU/CNRS, IFREMER, ODP-France.
- Montagner, J.P., B. Romanowicz and J.F. Karczewski (1994a) A first step toward an oceanic geophysical observatory, *EOS Trans AGU*, **75**, 150-151.
- Montagner, J.P., J. F. Karczewski, B. Romanowicz, S. Bouaricha, P. Logonne, G. Roult, E. Stutzmann, J.L. Thirot, J Brion, B. Dole, D. Fouassier, J-C Koenig, J.C. Savary, L. Flouri, J. Dupond, A. Echardour and H. Floc'h, (1994b) The french pilot experiment OFM-SISMOBS: first scientific results on noise level and event detection, *Phys. Earth and Planet Inter.*, **84**, 321-336.
- OMD Workshop Committee (2003) Ocean Mantle Dynamics Implementation Plan, Report of a Community Workshop, Snowbird, Utah, 18-20 September 2002.
- Peterson, J. R. (1993) Observations and modeling of seismic background noise, U. S. Geological Survey Open File Report, 93-322, 94 pp.
- Purdy, M., editor: " Broadband Seismology in the Oceans: towards a five year plan", report of Ocean Seismic Network workshop published by Joint Oceanographic Institutions, 1995.
- Purdy, G.M., and A.M. Dziewonski (1988) Proc. Workshop on Broad-Band Downhole Seismometers in the Deep Ocean, Woods Hole, MA, Apr. 26-28, 1988, Joint Oceanogr. Inst. and U.S. Sci. Advisory Comm..
- Romanowicz, B., D. Neuhauser, B. Bogaert and D. Oppenheimer (1994) Accessing Northern California Earthquake Data Via Internet, *EOS Trans A.G.U.*, **75**, 258-261.
- Romanowicz, B., D. Stakes, J. P. Montagner, P. Tarits, R. Uhrhammer. M. Begnaud, E. Stutzmann, M. Pasyanos, J.F. Karczewski, S. Etchemendy (1998) MOISE: A pilot experiment towards long term Sea-floor geophysical observatories, *Earth Planets Space*, **50**, 927-937.
- Romanowicz, B., D. Stakes, R. Uhrhammer, P. McGill, D. Neuhauser, T. Ramirez. D. Dolenc (2003a) The MOBB experiment: a prototype permanent off-shore ocean bottom broadband station, *EOS Trans. AGU*, **84**, 325-332.
- Romanowicz, B., D. Stakes, D. Dolenc, D. Neuhauser, P. McGill, R. Uhrhammer and T. Ramirez (2003b) The Monterey Bay Broadband Ocean Bottom Seismic Observatory, *Ann. Geophys.*, submitted.
- Schwartz, D. P. , D. Pantosti, K. Okumura, T. J. Powers and J.C. Hamilton (1998) Paleoseismic investigations in the Santa Cruz moutnains, California: implications for recurrence of large-magnitude earthquakes on the San Andreas fault, *J. Geophys. Res.*, **103**, 17,985-18,001.
- Sieh, K .E. and Jahns R. H. (1984) Holocene activity of the San Andreas fault at Wallace Creek, California, *Geolog. Soc. of Amer. Bull.*, **9**, 883-896.
- Simila, G. W., V. A. Gallardo, K. C. McNally, M. L. Begnaud, and D. S. Stakes (1998) New investigation of significant Monterey Bay area earthquakes ($M > 4.0$, 1926-79) utilizing data from a 1998 deployment of PASSCAL Ref-Teks and master-event methods, *EOS Trans. AGU*, **79** (45), F589.
- Stakes, D., B. Romanowicz, J.P. Montagner, P. Tarits, J.F. Karczewski, S. Etchemendy, D. Neuhauser, P. McGill, J-C. Koenig, J.Savary, M. Begnaud and M. Pasyanos (1998) MOISE: Monterey Bay Ocean Bottom International Seismic Experiment, *EOS Trans. A.G.U.*, **79**, 301-309.
- Stephen, R.A., Spiess, F.N., Collins, J.A., Hildebrand, J.A., Orcutt, J.A., Peal, K.R., Vernon, F.L. and Wooding, F.B. (2003) The ocean seismic network pilot experiment, *Geochemistry, Geophysics Geosystems*, in press.
- Stutzmann, E., J.P. Montagner et al. (2001) MOISE: a prototype multiparameter ocean-bottom

- station, *Bull. Seism. Soc. Am.*, **81**, 885-902.
- Sutton, G. and N. Barstow (1990) Ocean-bottom ultralow-frequency (ULF) seismo-acoustic ambient noise: 0.002 to 0.4 Hz, *J. Acoust. Soc. Am.*, **87**, 2005-2012.
- Sutton, G. and F. Duennebier, Optimum design of ocean-bottom seismometers, *Mar. Geophys. Res.*, **9**, 47-65, 1988.
- Sutton, G., W. G. McDonald, D. D. Prentiss and S. N. Thanos (1965) Ocean bottom seismic observatories, *Proceedings of the IEEE*, **53**, 1909-1921.
- Sutton, G., F.K. Duennebier and B. Iwatake (1981) Coupling of ocean bottom seismometers to soft bottom, *Marine Geophysical Researches*, **5**, 35-51.
- Sutton, G. H., F. K. Duennebier, and B. Iwataki (1992) Coupling of ocean bottom seismometers to soft bottom, *Mar. Geophys. Res.*, **5**, 35-51, 1981.
- Suyehiro, K., T. Kanazawa, N. Hirata, M. Shinohara and H. Kinoshita (1992) Broadband downhole digital seismometer experiment at site 794", *Proc. O.D.P. 127/128*, 1061-1073.
- Suyehiro, K., J.P. Montagner, A. M. Dziewonski and B. Romanowicz (1995) The International Ocean Network Structure, Proceedings ION/ODP International Workshop, " Multidisciplinary observatories on the deep seafloor", Marseille, p 61-72.
- Suyehiro, K., E. Araki, M. Shinohara, T. Kanazawa (2002) Deep sea borehole observatories ready and capturing seismic waves in the western Pacific, *EOS Trans. AGU.*, **83**, 621-625.
- Thatcher, W., G. Marshall and M. Lisowski (1997) Resolution of fault slip along the 470-km-long rupture of the great 1906 San Francisco earthquake and its implications, *J. Geophys. res.*, **102**, 535-5367.
- Uhrhammer, R., B. Romanowicz, D. Neuhauser, D. Stakes, P. McGill, and T. Ramirez (2002). Instrument testing and first results from the MOBB Observatory, *EOS Trans. A.G.U.*, **83**, F1008.
- Uhrhammer, R., D. Dolenc, B. Romanowicz, D. Stakes, P. McGill, D. Neuhauser and T. Ramirez (2003) MOBB: Data Analysis from an Ocean Floor Broadband Seismic Observatory, *EOS Trans AGU*, Fall Meeting, paper S52-0162.
- Ward, S. N. (1979) Ringing P waves and submarine faulting, *J. Geophys. Res.*, **3056-3062**.
- Webb, S. C. (1998) Broadband seismology and noise under the ocean, *Rev. Geophys. Space Phys.*, **36**, 105-142.
- Webb, S. C. and C. S. Cox (1986) Observations and Modeling of Seafloor microseisms, *J. Geophys. Res.*, **91(B7)**, 7343-7358.
- Webb, S. C., X. Zhang and W. Crawford (1991) Infragravity waves in the deep ocean, *J. Geophys. Res.*, **96**, 2723-2736.
- Webb, S. C., W.C. Crawford and J. A. Hildebrand (1994) Long period seismometer deployed at OSN-1, *Seismic Waves*, **3**, 4-6.
- Working Group on Northern California Earthquake Potential (1996) Database of potential sources for earthquakes larger than magnitude 6 in northern California, *U. S. Geol. Surv. Open File Rep.*, 96-705, 40 pp.
- Yamamoto, T., M. V. Treverrow, M. Badley and A. Turgut (1989) Determination of the sea bed porosity and shear modulus profiles using a gravity wave inversion, *Geophys. I. Int.*, **98**, 173-182.