

Curriculum Vitae

Adonis F. VELEGRAKIS

Nationality: Greek
Place and Date of birth: Athens (Greece), 27 -12-1958
Address: Dept of Marine Sciences, University of the Aegean, University Hill, Mytilene, Greece 81100, afv@aegean.gr

Professional Experience

12/2008- date: Professor, Deputy Head of Department and Director of Postgraduate Studies Department of Marine Sciences (DMS), School of Environment, University of the Aegean (UoAg), Greece (in the period 3/2009-8/2009 on sabbatical leave in DEWA-GRID, UNEP)
3/2002-11/2008: Assoc. Professor, Deputy Head of Department (2003-2009) and Director of Postgraduate Studies (2007-2009), DMS (UoAg)
10/2000-3/2002: Senior Research Fellow, School of Ocean and Earth Science (SOES), University of Southampton National Oceanography Centre, Southampton (NOCS), UK
5/1995-10/2000: Research Fellow, SOES, University of Southampton National Oceanography Centre, Southampton (NOCS), UK
4/1994-4/1995: Research Assistant, Department of Oceanography, University of Southampton, UK
5/1990-3/1994: Research Assistant (part-time) Department of Oceanography, University of Southampton, UK
1/1986-2/1987: Field Hydrographer, Greek Navy (National Service)
7/1983-8/1985: Research Assistant, Department of Marine Geology, National Institute of Geological and Mineral Research (NIGMR), Athens (Greece)

Higher Education

10/1997-9/1999: LLM (Master in Laws) in Environmental Law and Law of the Sea, School of Law, University of Southampton, UK (part-time)
11/1988-5/1994: PhD in Oceanography. University of Southampton, UK
12/1987-10/1988: Postgraduate Diploma in Computer Programming and System Analysis, Greek Centre of Productivity, Athens Greece
10/1981-6/1985: MSc in Oceanography, Faculty of Science, University of Athens (Greece)
9/1976-6/1981: BSc in Geology, Faculty of Science, University of Thessaloniki (Greece)

Research Interests & Experience

Marine sedimentology, coastal dynamics and vulnerability to climatic changes, marine mineral resources, anthropogenic effects on coasts, theory and practice of marine environmental impact assessment

- Participation as institutional coordinator or principal researcher in several European Projects of the UoAg (TMR EUMARSAND, INTERREG CORI) and of the University of Southampton (EC-DELOS, EC-INTERPOL, EC-MATER, EC-SWAMIEE, EC-INDIA, EC FLUXMANCHE 1 & 2, EC-PELAGOS)
- Participation as institutional coordinator or principal researcher in several international and national research projects of the University of Southampton (e.g. UK NERC-AUTOSUB MISSIONS, UK MAFF-EMPHASYS 1 & 2, WWF-SANDBANKS κα)
- Participation in over 20 large oceanographic research cruises in the Atlantic Ocean, the North and Baltic Seas, the English Channel, the Mediterranean Sea and the Aegean Sea.

Teaching Experience

A. Undergraduate Studies

- 10/2002-Date: Course coordinator, lecturer and examiner of the courses 'Marine Geology', 'Coastal Geology' and 'Sediment Dynamics' of DMS, UoAg and lecturer/examiner of the courses 'Biogeochemical Processes' and 'Law of the Sea'
- 1997-2001: Lecturer/examiner (in 1998-1999 course coordinator) of the courses 'Applied Sediment Dynamics' (OC310) and 'Sedimentary Environments' (OC206) of the SOES, NOCS

B. Postgraduate Studies

- 2002-Date: Lecturer/examiner of the course 'Biogeochemical Processes' and 'Law of the Sea' of the MSc Degree 'Coastal Management' UoAg. Since 2008, course coordinator of the course 'Integrated Coastal Management'.
- 1997-2001: Lecturer/examiner (in 1998-1999 course coordinator) of the course 'Applied Sediment Dynamics' (OC616) of the MSc (Oceanography) and the MSc (Civil and Coastal Engineering) of the University of Southampton

C. Dissertation Supervision

Supervisor of PhD theses in DM (UoAg) and co-supervisor of 1 PhD thesis (SOES, NOCS). Presently, supervisor of 3 PhD theses (UoAg). Supervisor of 9 MSc dissertations in DMS (UoAg) and 5 MSc dissertations in SOES, NOCS. Supervisor of 18 BSc dissertations in DMS (UoAg) and 8 BSc dissertations in SOES, NOCS.

D. Teaching visits

In 1998 and 2005, (7) lectures in the course 'Coastal Sedimentary Environments' of the Département de Géologie et Océanographie of Université Bordeaux-I (France) (SOCRATES)

Administration Experience

- Deputy Head DMS university of the Aegean
- Director of Postgraduate Studies DMS University of the Aegean
- Member of the Research Committee University of the Aegean
- Member of the Senate of the University of the Aegean (2006-2008)
- Departmental representative of SOCRATES-ERASMUS (2003-2007)

- Head/Member of numerous committees of the School of Environment, UoAg and member of research committees of SOES NOCS

Other relevant information

- Grant award from A.S. Onassis Foundation for PhD studies
- Reviewer of scientific articles submitted to international journals (e.g. Sedimentology, Marine Geology, Continental Shelf Research, Progress in Oceanography, Journal of Coastal Research)
- Visiting Research Fellow National Oceanography Centre, Southampton.
- Fellow of the Geological Society of London
- Scientific expert witness before the English Courts
- Invited speaker in international conferences and chair of sessions of international scientific conferences
- Scientific consultant of international (e.g. UNEP-Grid, World Wide Fund (WWF)) and national organisations (e.g. UK Government Departments (DETR, MAFF, Welsh Office) HM Customs and Excise and UK and Greek Local Authorities) and industries (e.g. BP Exploration Operating Company, Elf Caledonia Enterprise Ltd and marine aggregate Companies (ENNEMIX, Severn Sands and ARC)

Publications

A. Books and Chapters in Books

- Estrella, M., Peducci, P., **Velegrakis, A.F.**, Chatenoux, B., Kluser, S., 2010. Linking Ecosystems to Risk and Vulnerability Reduction: The Case of Jamaica. Technical Report of Risk and Vulnerability Assessment Methodology Development Project (RiVAMP), UNEP. 100 pp.
- Monioudi, I., **Velegrakis, A.F.**, Karambas, Th., Koutsouvela, D., 2009. Coastal retreat due to the sea level rise: morphodynamic models predictions. *Annals of the Geological Society of Greece*. 28 pp. (in press) (In Greek with English abstract)
- Velegrakis, A.F.**, 2008. Erosion of Greek beaches. In I. Efthymiopoulos and M. Modianos (Eds), *The Marine Environment, DIPE*, Greek Letters Publishing Company, Athens, 155-167. (In Greek).
- Velegrakis, A.F.**, Collins, M.B., Bastos, A.C., Paphitis, D., and Brampton, A., 2007. Seabed sediment transport pathway investigations: review of scientific approach and methodologies. In P.S. Balson and M.B. Collins (Eds), *Coastal and Shelf Sediment Transport*, Geological Society of London Special Publication, 274, 127-146.
- Velegrakis, A.F.**, Vousdoukas, M.I. and Meligonitis, R., 2005. Beach erosion: Phenomenology and causes of the degradation of the greatest natural resource of the Greek Archipelago In: Tsaltas, *The Greek Archipelago in the 21st Century*, Vol. I, Sideris Publications, pp. 243-262 (In Greek with English Abstract)
- Velegrakis, A.F.**, 2000. Geology, Geomorphology and Sediments of the Solent Estuarine System. In Collins, M.B. & Ansell, K., (Eds.): *Solent Science-A Review*. Proceedings in Marine Science Series, Elsevier, Amsterdam, pp.21-43.
- Velegrakis, A.F.**, Dix, J.K., and Collins, M.B., 2000. The evolution of the upper reaches of the Solent River, southern England. In Collins, M.B. & Ansell, K., (Eds.): *Solent Science-A Review*. Proceedings in Marine Science Series, Elsevier, Amsterdam, pp. 97-100.
- Velegrakis, A.F.**, Brampton, A., Evans, C.D.R. and Collins, M.B., 2000. Seabed mobility studies in the Solent region. In Collins, M.B. & Ansell, K., (Eds.): *Solent Science-A Review*. Proceedings in Marine Science Series, Elsevier, Amsterdam pp. 111-115
- Paphitis, D., **Velegrakis, A.F.** and Collins, M.B., 2000. Residual circulation and associated sediment transport in the Eastern Approaches to the Solent. In Collins, M.B. & Ansell, K., (Eds.): *Solent Science-A Review*. Proceedings in Marine Science Series, Elsevier, Amsterdam, 107-110.
- Brampton, A., Evans, C.D.R., and **Velegrakis A.F.**, 1998. South Coast Mobility Study, CIRIA PR 65, London. 219 pp.

B. International Journals

- Vousdoukas, M.I., **A.F. Velegrakis**, M. Paul, C. Dimitriadis, E. Makrykosta, D. Koutsoubas, 2012. Field observations and modeling of wave attenuation over colonized beachrocks. *Continental Shelf Research*, **48**, 100-109.
- Becker A, M Acciaro, R Asariotis, E Cabrera, L Cretegnny, P Crist, M Esteban, A Mather, S Messner, S Naruse, AKY Ng, S Rahmstorf, M Savonis, DW Song, V Stenek and **A.F. Velegrakis**, 2013. A note on climate change adaptation for seaports: A challenge for global ports, a challenge for global society. *Climatic Change* (in press).
- Velegrakis, A.F.**, Ballay, A., Poulos, S., Radzevičius, R., Bellec, V., and Manso, F., **2010**. European marine aggregates resources: Origins, usage, and mining techniques *Journal of Coastal Research*, **SI 51**, 1-14.
- Van Lancker, V.R.M., Bonne, W., Garel, E., Degrendele, K., Roche, M., Dries Van den Eynde, D, Bellec, V., Brière, C., Collins, M.B., and **Velegrakis, A.F.** **2010**. Recommendations for the sustainable exploitation of tidal sandbanks. *Journal of Coastal Research*, **SI 51**, 141-154.
- Van Lancker, V., Bonne, W., **Velegrakis, A.F.**, and Collins, M.B., **2010**. Sand extraction on tidal sandbanks: maintenance mechanism versus the creation of sandpits. *Journal of Coastal Research*, **SI 51**, 49-56.
- Radzevičius, R., **Velegrakis, A.F.**, Bonne, W., Kortekaas, S., Garel, E., Blažauskas, N., and Asariotis, R., **2010**. Marine Aggregate Extraction Regulation in EU Member States. *Journal of Coastal Research*, **SI 51**, 15-36.
- Vousdoukas, M., **Velegrakis, A.F.** and Karambas, Th., **2009** Morphology and sedimentology of a beachrock-infected beach: Vatera Beach, Lesbos, Greece. *Continental Shelf Research*, **29**, 1937–1947.
- Vousdoukas, M.I., **Velegrakis, A.F.**, Kontogianni, A. and Makrykosta, N.E. **2009**. Implications of the cementation of beach sediments (beachrock formation) for the recreational use of the beach. *Tourism Management* **30** , 544-552.
- Vousdoukas. M.I., **Velegrakis A.F.**, Dimou K, Zervakis V., and Conley D.C.**2009**. Wave run-up observations in microtidal, sediment-starved beaches of the Eastern Mediterranean. *Journal of Marine Systems*, **78**, 537-547.
- Velegrakis, A.F.**, Vousdoukas, M., Andreadis, O., Pasakalidou E., Adamakis, G. and Meligonitis, R. **2008**. Impacts of dams on their downstream beaches: A case study from Eresos coastal basin, Island of Lesbos, Greece. *Marine Georesources and Geotechnology*, **26**, 350–371.
- Vousdoukas, M., **Velegrakis, A.F.**, and Plomaritis, C., **2007**. Beachrock occurrence, characteristics, formation mechanisms and impacts. *Earth Science Reviews*, **85**, 23-46.
- Velegrakis A.F.**, Vousdoukas M., Vagenas, A.M., Karambas, Th., Dimou, K. and Zarkadas, Th., **2007**. Coastal waves generated by passing ships. *Coastal Engineering*. **54**, 369-375.
- Friend, P.I., **Velegrakis, A.F.**, Weatherston, P.D. and Collins, M.B., **2006**. Sediment transport pathways in a dredged ria system, SW England. *Estuarine, Coastal and Shelf Science*. **67**, 491-502.
- Kapsimalis, V., Masse, L., **Velegrakis, A.F.**, Tastet, J.P., **2004**. Morphological development of an estuarine bank: St Georges Bank, Gironde Estuary, France. *Journal of Coastal Research*, **SI 41**, 27-42.
- Gao, S., **Velegrakis, A.F.** and Collins, M.B., **2002**. Observation of a shallow water internal oscillation event. *Chinese Journal of Oceanology and Limnology*, **20**, 86-90.
- Ediger, V., **Velegrakis, A.F.** and Evans, G. **2002**. Upper slope sediment waves in the Cilician Basin, Northeastern Mediterranean. *Marine Geology*, **192**, 321-333.
- Paphitis, D., **Velegrakis, A.F.**, Collins, M.B. and Muirhead, S. **2001**. Laboratory investigations into the threshold of movement of natural sand-sized sediments, under unidirectional, oscillatory and combined flows. *Sedimentology*, **48**, 645, 659.
- Velegrakis, A.F.**, Oikonomou, E., Theocharis, A., Collins, M.B., Kontoyiannis, H., Papadopoulos V., Voulgaris G., Balopoulos E. and Wells, T., **1999**. Internal waves revealed by Synthetic Aperture Radar (SAR) imagery at the eastern Cretan Arc Straits (Eastern Mediterranean). *Progress in Oceanography*, **44**, 553-572.
- Tsimplis, M.N., **Velegrakis A. F.**, Drakopoulos, P., Theocharis, A. and Collins, M.B., **1999**. Cretan Deep Water outflow at the Straits of Crete. *Progress in Oceanography*, **44**, 531-551.
- Velegrakis, A. F.**, Michel, D., Collins, M.B., Lafite, R., Oikonomou, E., Dupont, J.P., Huault, M.F., Lecouturier, M., Salomon, J.C., and Bishop, C., 1999. Sources, sinks and resuspension of suspended particulate matter in the Eastern English Channel. *Continental Shelf Research*, **19**, 1933-1957.

- Kontoyiannis, H., Theocharis, A., Balopoulos E., Kioroglou, S., Papadopoulos, V., Collins, M.B., **Velegrakis, A. F.** and Iona, A., **1999**. Water fluxes through the Cretan Arc Straits, Eastern Mediterranean: March 1994-June 1995. *Progress in Oceanography*, **44**, 511-529.
- Velegrakis, A. F.**, Dix J.K., and Collins, M.B., **1999**. Late Quaternary evolution of the upper reaches of the Solent River, southern England, based upon marine geophysical evidence. *Journal of Geological Society of London*, **156**, 73-87.
- Tsimplis, M.N., **Velegrakis, A. F.**, Theocharis A., and Collins, M.B., **1997**. Low frequency current variability at the straits of Crete. *Journal of Geophysical Research*, **102**, 25005-25020.
- Velegrakis, A. F.**, Gao S., Lafite, R., Dupont, J.P., Hualt, M. F., Nash, L. and Collins, M.B., **1997**. Resuspension and advection processes affecting Suspended Particulate Matter concentration variations in the Eastern English Channel. *Journal of Sea Research*, **38**, 17-34.

C. International Conferences

- Psarros F., Monioudi I., Manoutsoglou E., Andreadis O., Tziourrou P., Hasiotis T., **Velegrakis A. F.**, Dimitriadis C., Sourbes L. and Koutsoubas D., 2013. Predicting the response of a sea-turtle nesting beach in sea-level rise, Gerakas, Zakynthos isl., Greece. CIESM Marseille, France.
- Vousdoukas, M.I., Wachler, B., Almeida, L.P., Ferreira, O., Alexandrakis, G., **Velegrakis, A.F.**, and Schimmels, S., 2013. Predicting beach-face rotation on a meso-tidal, steeply sloping beach. Proceedings of Coastal Dynamics 2013, 1835-1846.
- Chatzipavlis, A., Monioudi, I., **Velegrakis, A.F.**, Andreadis, O., 2012. Case scenario investigation of beach nourishment in Eresos beach, Lesvos, Greece. Proceedings of the International Offshore and Polar Engineering Conference, pp. 1425-1432
- Velegrakis, A.F.**, Lehmann, A., Monioudi, I, Giuliani, G., Herold, C., Allenbach, A., De Bono, A. and Radchenko, I., **2009**. Beach erosion prediction for the Black Sea coast, due to sea level rise. Proceedings of the 9th MEDCOAST Conf., Sochi, Russia, 10-14 Nov, 2009, 776-787.
- Vousdoukas, M.I., Dimou, K., and **Velegrakis, A.F.**, **2007**. High frequency wave run-up and sea surface elevation measurements using video/optical methods. 8th MEDCOAST Conference, Alexandria, Egypt.
- Vousdoukas, M.I., Dimou, K., **Velegrakis, A.F.**, and Conley, D., **2007**. Measuring waves in the surf/swash zone using video/image processing methods. Rapid Environmental Assessment Conference, .25-27 Sept, Lerici, Italy.
- Hasiotis, Th., and **Velegrakis, A.F.**, **2007**. Preliminary results of biogenic mounds morphology in the Kalloni Gulf, Lesbos. 25th IAS Conf., 4-7 September, Patras.
- Vousdoukas, M.I., Karambas, T.V. and **Velegrakis, A.F.**, **2007**. Modelling beach profile evolution of beachrock-infected beaches using a Boussinesq model. IAHR International Conference, Venice, July, 2007. 10 pp.
- Vousdoukas, I. M., **Velegrakis, A.F.**, Kontoyianni, A., Makrykosta, E and Eleftheriou, A., **2007**. Beachrocks in the Mediterranean: Morphodynamic, ecological and socio-economic impacts. CIESM Istanbul, April 2007. 12 pp.
- Vousdoukas M.I., Andreadis O., Adamakis G., Pasakalidou E., Kokolatos G., **Velegrakis A.F.**, **2006**. Small river dams in islandic areas: Blessing or curse? International Conference Focaia, October, 2006. 6 pp.
- Vousdoukas, M., **Velegrakis, A.F.**, and Karambas, Th., **2005**. Beachrock formation, phenomenology and impacts: an example from Vatera beach, Lesvos island, Greece. Proceedings of the 9th International Conference on Environmental Science and Technology, Rhodes Island, Greece 1-3 September 2005. 6pp.
- Vousdoukas, M., **Velegrakis, A.F.**, Karambas, Th., Valais, G and Zarkoyiannis, S., **2005**. Morphodynamics of beachrock-infected beaches: Vatera beach, NE Mediterranean. Coastal Dynamics 2005, May 2005, Barcelona Spain. 14pp.
- Voulgaris, G., Terray, E., Trowbridge, J., **Velegrakis, A.F.** and Paphitis, D., **1999**. Spatial variability of bottom turbulence over a linear sandbank: Experimental design and preliminary results. Abstracts, AGU International Conference, December 1999, San Fransisco USA 6pp.
- Velegrakis A.F.**, Tsimplis, M.N., Drakopoulos, P., Theocharis, A. and Collins, M.B., **1999**. Cretan Deep Water outflow at the Straits of Crete. Abstracts International Conference on the Variability of the Eastern Mediterranean and Black Sea, February 23-26 1999 Athens.
- Tsimplis, M.N. and **Velegrakis, A.F.**, **1998**. Estimation of the deep water outflow through the Cretan Straits using a simple hydraulic model. Abstracts UK Challenger Society, Southampton, September 1998, p.84..

- Paphitis, D., Tsimplis, M.N., **Velegrakis, A.F.** and Collins, M.B., **1998**. Sediment transport predictions using a two-dimensional tidal numerical model in the Solent Region, southern England. Abstracts UK Challenger Society, Southampton, September 1998, p. 175.
- Paphitis, D., **Velegrakis, A.F.** and Collins, M.B., **1998**. Residual circulation and associated sediment dynamics: Eastern Approaches to the Solent. Abstracts UK Challenger Society, Southampton, September 1998, p. 119.
- Balopoulos, E., Price, B., Haussner, S., Kontoyannis, H., Theocharis, A., Souvermenzoglou, A., Monaco, A., Gotsi, O., Ignatiades, L., Varnavas, S.P., Voutsinou, F., Apostolopoulou, M., Papadopoulos, V., Kioroglou, S., Pavlidou, A., Theodorou, A., Collins, M.B., **Velegrakis, A.F.**, Dermisis, V., Skarvelis, I., Koutitas, C., Matsoukis, P., Kotsovinos, N., Nakopoulou, C., Iona, A., Stavrakakis, S., Pagou, K., Moriki, M.A., and Krasakopoulou, E., **1997**. Hydrology and biochemical fluxes in the South Aegean and the Straits of Cretan Arc. (March 1994-June 1995). Proceedings of the International POEM-BC Workshop/Symposium Molitg les Bais, France, 1-5 July 1996.
- Tsimplis, M.N., **Velegrakis, A.F.**, and Collins, M.B., **1996**. Low and high frequency current variability at the Straits of Crete. Abstracts UK Challenger Society, Bangor, September 1996, p. 202.
- Velegrakis, A.F.**, Voulgaris G., and Collins M.B., **1994**. The role of waves and currents in the maintenance of a nearshore gravel bank. Proceedings of the 2nd International Conference on the Geology of Siliciclastic Shelf Seas, Ghent, 1994, 124-128.
- Velegrakis, A.F.** and Collins, M.B., **1990**. Development and maintenance of Shingles Bank, Christchurch Bay, Southern England. Abstracts of the 1990 Conference of UK Challenger Society, p. 100.

D. National Conferences

- Rigos, A., Vousdoukas, M.I., Tsekouras, G.E. and **Velegrakis, A.F.**, 2013. On the systematic implementation of artificial neural networks in the classification of variance images and shoreline extraction. Proceedings of International conference Environemnatl Scenece Mykonos (Greece), June 2013. 6 pp.
- Velegrakis A.F.** et al., 2013. Physical and economic impacts of sea level changes on the island beaches of the Aegean Archipelago (ISLA); concepts and preliminary results. Proceedings of the Global Nest Confercece , Athens September 2013
- Psarros F., Monioudi I., Manoutsoglou E., Andreadis O., Tziourrou P., Hasiotis T., **Velegrakis A. F.**, Dimitriadis C., Sourbes L. and Koutsoubas D., 2013. Predicting the response of a sea-turtle nesting beach in sea-level rise, Gerakas, Zakynthos isl., Greece. CIESM Marseille, France.
- Vousdoukas M.I and **Velegrakis A.F.**, **2009**. Measuring swash using videos in East Mediterranean beaches. Proceedings 9th National Conference in Oceanography and Fisheries. Patras May 2009. 6pp.
- Karambas, Th., Andreadis, O., **Velegrakis, A.F.**, **2008**. Eressos beach erosion: Causes and remedies. Proceedings of the 4th Greek Conference on 'Coastal Zone Manegement', Mytilini, September 2008, 467-476. (In Greek with English abstract)
- Karambas, Th., **Velegrakis, A.F.**, Pantatzis, A., **2008**. Application of advanced mathematical modelling in beach replenishment projects in Lesvos. Proceedings of the 4th Greek Conference ' Coastal Zone Manegement' Mytilene, September 2008, 457-466. (In Greek with English abstract)
- Makrikosta, E., Vousdoukas, M.I., **Velegrakis, A.F.** and Koutsoubas, D., **2006**. Structure and dynamics of the benthic communities of the beachrock surfaces of Vatera Bay (Lesvos, Greece). Proceedings of the 3^o Conference of the Greek Zoological and Ecological Society, Ioannina, Greece 16-19 November 2006. (In Greek with English abstract).
- Vousdoukas M. and **Velegrakis, A. F.**, **2006**. Morphological behaviour of a beachrock-infected beach at the Island of Lesvos. 8th Greek Conference of Oceanography and Fisheries, Thessaloniki, Greece, 2006.
- Vagenas, M.A., Vousdoukas M., **Velegrakis A.F.**, Zarkadas, Th. **2006**. Waves generated by passing ships. 8th Greek Conference of Oceanography and Fisheries, Thessaloniki, Greece, 2006.
- Velegrakis, A.F.**, **2005**. Coastal erosion in the Greek Archipelago. Proceedings of the Conference 'Chios and Sea', Chios July 2005. 20 pp.
- Velegrakis, A.F.**, Oikonomou, E.K., Theocharis A., Papadopoulos, V., Collins, M.B., and Balopoulos E., **1997**. Satellite observations of the surface water characteristics in the Easter Cretan Straits. 5th Greek Conference of Oceanography and Fisheries, Kavala, Greece, 1997, 177-180.
- Velegrakis, A.F.**, Zeidler, A., and Collins, M.B., **1991**. Review of the post-processing tools relevant to sice-scan sonar and sub-bottom profiler data. Abstracts of the 1st Greek Geosciences and Environment Conference, p. 19-20.

Velegrakis A.F. and Collins, M.B., **1991**. Sediment Dynamics of the Christchurch Bay, S. England. Abstracts of the 1st Greek Geosciences and Environment Conference, 17-18.

E. Technical Reports (Only Final Reports)

International Organisations

- Peduzzi, P., **Velegrakis, A.F.**, Estrella, M. And Chatenoux, B. 2013. Integrating the role of ecosystems in disaster risk and vulnerability assessments: Lessons from the Risk and Vulnerability Assessment Methodology Development Project (RiVAMP) in Negril Jamaica. In FG Renaud et al., (eds), The role of Ecosystems in Disaster Risk Reduction, United Nations University Press (ISBN 978-9280812213), 109-139.
- Velegrakis, A.F.**, **2010**. Coastal Systems: Natural and Human. In: Observed Trends in Hazards and impacts of climate extremes. Chapter 4 -. In Special IPCC Report on Managing the Risks of Extreme Events and Disasters to Advance Climate Change Adaptation IPCC-SREX, 2011. 7pp. (under revision)
- Estrella, M., Peduzzi, P., **Velegrakis, A.F.**, Chatenoux, B., Kluser, S., **2010**. Linking Ecosystems to Risk and Vulnerability Reduction: The Case of Jamaica. Technical Report of Risk and Vulnerability Assessment Methodology Development Project (RiVAMP), UNEP. 100 pp.
- Voulgaris, G., Collins, M.B., Trowbridge, J.H., Terray E., and **Velegrakis, A.F.**, **2002**. Spatial Variability of Bottom Turbulence over a Linear Sandbank: Effects on Vorticity Field and Topography Evolution. Final Report to the Natural Environment Research Council NERC (Grant GST/02/2155), 6 pp.
- Hughes, Z.J., J.J. Williams, **A. Velegrakis**, P.S. Bell, P. Thorne, and M.B. Collins, **2001**. Temporal and spatial variation in the morphology of current related bedform; and sediment transport within a tidal inlet. INDIA MAS3-CT-0106 Final Report Ed O'Connor B.A.C.
- Velegrakis, A.F.**, Collins, M.B., Owrid, G., and Houghton, A., **2001**. Sandbanks of the European Shelf. University of Southampton, School of Ocean and Earth Science Technical Report to WWF SOES/TEC/00/3/C. 401 pp.
- Velegrakis, A.F.**, Lykousis, V., Papageorgiou, M., and Collins, M.B., **2000**. Deep water flows and resuspension in the deep basins of Aegean Sea, Eastern Mediterranean. Final Report, EC MAST III MATER Project, 16pp.
- Lecouturier, M., Grochowski, N.T.L., Bishop, C., Wilkin, M., Avoine J., Levoy, F., **Velegrakis A.F.** and Collins M.B., **1997**. Measurements of Processes at the Sediment/Water Interface. Final Report EC MAST II FLUXMANCHE II Project, pp. 91-107
- Velegrakis, A.F.**, Bishop, C., Lafite R., E.K. Oikonomou, E.K., Lecouturier, M., Salomon, J.-C. and Collins, M.B., **1997**. Investigation of Meso-Scale and Macro-scale Sediment Transport in the English Channel. Final Report, EC MAST II FLUXMANCHE II Project, pp.115-129.
- Lafite R., Dupont J.-P., Hualt M.-F., Deteff, D., **Velegrakis A.F.**, Bishop C., and Collins, M.B., **1997**. Large-Scale Sedimentological/Hydrodynamical Field Measurements in the Eastern English Channel. Final Report, EC MAST II FLUXMANCHE II Project, pp.130-136.
- Kontoyiannis, H., **Velegrakis, A.F.**, Theocharis, A., Balopoulos, E., Collins, M.B., Kioroglou, S., Tsimplis, M.N. and Christianidis, S., **1996**. Water Fluxes and Current Variability at the Cretan Arc Straits. Final Report CEC/MAST-MTP PELAGOS Project, pp. 49-66.

National Public and Private Organisations

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