

Professor Alastair Grant

Professor of Ecology
School of Environmental Sciences
University of East Anglia
Norwich
NR4 7TJ
UK

Phone: 01603 592535

Fax: 01603 591327

Email: A.Grant@uea.ac.uk

Date of Birth 29th November 1959 Age: 52

Academic Qualifications

1980 BSc, 1st Class, Marine Biology, University of Wales (Swansea)
1983 PhD University of Wales (Swansea)

Employment

2008-2010 Deputy Head, School of Environmental Sciences
2007- Professor of Ecology
2003-2007 Director, Centre for Ecology, Evolution and Conservation
2000-2007 Reader, School of Environmental Sciences
1998-2000 Senior Lecturer, School of Environmental Sciences
1989-1998 Lecturer, School of Environmental Sciences, University of East Anglia,
1987-1989 Postdoctoral Research Fellow, Zoology Department, University of Hull
1985- 1986 Senior Research Associate, School of Engineering and Applied Science, Durham
University (employed as a statistician).
1983-1985 NERC Research Fellow, Dove Marine Laboratory, Cullercoats
(University of Newcastle upon Tyne).

Until 1st January 2012 I was also UEA lead for ELSA (the Earth and Life Systems Alliance) a research collaboration between UEA and the adjacent John Innes Centre.

Recent publications include:

Mossman, H.L., A.J. Davy and A. Grant, 2012. Does managed coastal realignment create saltmarshes with 'equivalent biological characteristics' to natural reference sites? *Journal of Applied Ecology*. <http://dx.doi.org/10.1111/j.1365-2664.2012.02198.x>

Mossman, H.L., A.J. Davy and A. Grant, 2012. Quantifying local variation in tidal regime using depth logging fish tags *Estuarine Coastal and Shelf Science*, 96:122-128. <http://dx.doi.org/10.1016/j.ecss.2011.10.019>

Davy, A.J., M.J.H. Brown, H. L. Mossman and A. Grant, 2011. Colonisation of a newly developing salt marsh: disentangling independent effects of elevation and redox potential on halophytes. *J. Ecol.*, 99:1350-1357. <http://dx.doi.org/10.1111/j.1365-2745.2011.01870.x>

Mossman, H.L., M. J. H. Brown, A. J. Davy and A. Grant, 2012. Constraints on salt marsh development following managed coastal realignment: dispersal limitation or environmental tolerance? *Restoration Ecology*. 20:65-75 <http://dx.doi.org/10.1111/j.1526-100X.2010.00745.x>

Fai, PBA and A. Grant, 2010. An assessment of the potential of the Microbial Assay for Risk Assessment (MARA) for ecotoxicological testing. *Ecotoxicology* 19:1626-1633 <http://dx.doi.org/10.1007/s10646-010-0548-2>

Allen ZC, N.J. Shah, A. Grant, G.D. Derand and D. Bell, 2010. Hawksbill turtle monitoring in Cousin Island Special Reserve, Seychelles: an eight-fold increase in annual nesting numbers. *Endangered Species Research* 11: 195-200. [Http://dx.doi.org/10.3354/esr00281](http://dx.doi.org/10.3354/esr00281)

- Grant, A., 2010. Detecting ecological effects of pollutants in the aquatic environment. Pp. 147-161, In: Batty, L.C. and Hallberg, K. (eds) Ecology of Industrial Pollution. Cambridge University Press, UK.
- Enever, R., A.S.Revill, R.Caslake and A. Grant, 2010. Discard mitigation increases skate survival in the Bristol Channel. Fisheries Research, 102:8-15 <http://dx.doi.org/10.1016/j.fishres.2009.09.013>
- Brook, S., A. Grant and D. Bell, 2009. Can land crabs be used as a rapid ecosystem evaluation tool? A test using distribution and abundance of several genera from the Seychelles. Acta Oecologia 35:711-719. <http://dx.doi.org/10.1016/j.actao.2009.07.001>
- Sese, B. A. Grant and B.J. Reid, 2009. Toxicity of polycyclic aromatic hydrocarbons to the Nematode *Caenorhabditis elegans*. Journal of Toxicology and Environmental Health, Part A: 72, 1-13. <http://dx.doi.org/10.1080/15287390903091814>
- Enever, R., T.L. Catchpole, J.R. Ellis and A. Grant, 2009. The survival of skates (Rajidae) caught by demersal trawlers fishing in UK waters. Fisheries Research 97 (2009), 72-76. <http://dx.doi.org/10.1016/j.fishres.2009.01.001>
- Wade, Oliver, A.S. Revill, Alastair Grant and M. Sharp, 2009. Reducing the discards of finfish and benthic invertebrates of UK beam trawlers. Fisheries Research, 97 (2009) 140-147, <http://dx.doi.org/10.1016/j.fishres.2009.01.007>
- Patricia Bi Fai, Alastair Grant, 2009. A comparative study of *Saccharomyces cerevisiae* sensitivity against eight yeast species sensitivities to a range of toxicants Chemosphere, 75 (2009) 289-296 <http://dx.doi.org/10.1016/j.chemosphere.2008.12.059>
- Patricia Bi Fai, Alastair Grant, 2009. A rapid resazurin bioassay for assessing the toxicity of fungicides. Chemosphere 74 (2009) 1165-1170 <http://dx.doi.org/10.1016/j.chemosphere.2008.11.078>
- Patricia Bi Fai, Alastair Grant and Brian J. Reid. 2008. Compatibility of hydroxypropyl- β -cyclodextrin with algal toxicity bioassays. *Environmental Pollution*. 157 (2009) 135-140 [doi:10.1016/j.envpol.2008.07.015](http://dx.doi.org/10.1016/j.envpol.2008.07.015)
- R. Enever, A.S. Revill, A. Grant, 2009. Discarding in the North Sea and on the historical efficacy of gear-based technical measures in reducing discards. *Fisheries Research*. 95 (2009) 40-46 [doi:10.1016/j.fishres.2008.07.008](http://dx.doi.org/10.1016/j.fishres.2008.07.008)
- Gui, Y. and A. Grant. 2008. Joint effects of density dependence and toxicant exposure on *Drosophila melanogaster* populations. *Ecotoxicology and Environmental Safety*. 70:236-243
- Ogilvie, L.A. and A. Grant, 2008 Linking pollution induced community tolerance (PICT) and microbial community structure in chronically metal polluted estuarine sediments. *Marine Environmental Research*, 65(2):187-198. <http://dx.doi.org/10.1016/j.marenvres.2007.10.002>
- Enever, R., A. Revill and A. Grant, 2007. Discarding in the English Channel, Western approaches, Celtic and Irish Seas (ICES Subarea VII). Fisheries Research 86 (2-3) 143-152.
- Fai, P.B., A. Grant and B. Reid, 2007. Chlorophyll a fluorescence as a biomarker for rapid toxicity assessment. *Environmental Toxicology and Chemistry*, 26 (7), 1520-1531
- Shipp, E. and A. Grant, 2006. *Hydrobia* feeding rates; a novel way to assess sediment toxicity. *Environmental Toxicology and Chemistry*. 25(12): 3246-3252
- Goodwin, N.B., A. Grant, A L. Perry, N K. Dulvy and J D. Reynolds, 2006. Life history correlates of density-dependent recruitment and adult production in marine fishes. *Canadian Journal of Fisheries and Aquatic Sciences*. 63: 494-509