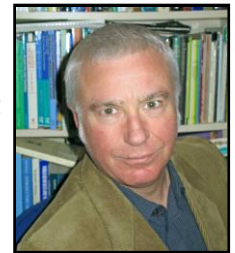


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Professional Education

1999 Heriot-Watt University, Edinburgh U.K., PhD (Awarded NERC Studentship)
1992 Heriot-Watt University, Edinburgh U.K., BSc (Hons) Applied Marine Biology
1982 Brighton Centre for Advanced Biology, Brighton, U.K., Higher National Certificate in Applied Biology
1979 Brighton Technical College, Brighton, U.K., Ordinary National Diploma in Applied Sciences

Professional Memberships

Fellow of The Royal Geographical Society (FRGS) (Elected 1996)
Member of The Royal Society of Biology (MRSB) (Elected 1992)
Chartered Biologist (CBiol.)

Present Position

2009 – Present Marine Ecologist and Independent Environmental Consultant

Employment Record

2007 – 2009 Marine Team Leader/Senior Environmental Scientist, Royal Haskoning Ltd.
2006 – 2007 Policy and Advice Manager, Scottish Natural Heritage,
2002 – 2006 Marine Monitoring and Survey Officer, Scottish Natural Heritage
1999 – 2002 Maritime Advisory Officer, Scottish Natural Heritage
1996 – 1996 Project Leader, Falkland Island Marine Survey,
Brown and Root Environmental/I.C. Consultants/Falkland Island
Government.(I.C. Consultants, Imperial College Kensington, London, U.K.)
1994 – 1999 Various, Short Contracts/PhD Research
1992 – 1993 Research Officer, Nickerson BIOCEM Limited, Cambridge Science Park,
Milton Road Cambridge, U.K.
1991 – 1991 Research Assistant/Diver,
Estacion Cientifica Charles Darwin, Isla Santa Cruz, Galápagos Islands,
Ecuador
1981 – 1990 Molecular Biology Research Officer for Government and industry

Experience Record

2019 – Present Senior Environmental Advisor, King Abdullah University of Science & Technology/Beacon Development Company.
Kingdom of Saudi Arabia Provision of expert environmental advice, including the development and supervision of monitoring programmes for multiple mega-projects as part of

Saudi Arabia's aim to achieve economic diversification, while maintaining minimal environmental impact. Tasks include: contributing to the development of new regulatory infrastructure, the collection and dissemination of ecological data for use in monitoring and environmental impact assessments, direct advice to construction and design teams, undertaking on-site research and survey projects, including the use of acoustic mapping, remotely operated vehicle, drop-down video and diving methodologies and responsibilities for policing, reporting and management of impacts on local marine and terrestrial biodiversity.

- 2016 – Present
Rep. of Ireland
- Scientific Advisor, Aquaculture Appeals Licence Board
Provision of scientific/technical advice to assist in the consideration of appeals against aquaculture and foreshore licences granted for finfish and shellfish, including the production of Technical Advisor's reports, evaluation of legislative issues and requirements, and attendance at Oral Hearings/Public Inquiries as Technical Advisor to the Chair.
- 2016 – 2018
Turkey
- Expert Consultant, Capacity building for the Marine Strategy Framework Directive (MSFD) in Turkey.
Development and production of key reporting elements for enabling the initiation of the MSFD in Turkey. Primary tasks included (1) Biodiversity Team Leader responsible for the management and completion of the biodiversity, non-indigenous species and food web elements of the Initial Assessment reporting, requiring the coordination and editing of contributions from over twenty eminent Turkish academic experts; (2) the compilation of the Programme of Measures and primary author of the associated report, and (3) key contributor to the Targets and Definition of Good Environmental Status reports. Other key tasks included: presenter and moderator at five workshops for Turkish academics, technical managers and government policy-makers; Moderator or Chair of multiple expert panels convened during the workshops; reviewer/editor of project reports and other outputs.
- 2011 – 2016
Rep. of Ireland
- Marine Strategy Framework Directive Programme Manager
Management of the team responsible for the delivery of Ireland's response to the MSFD, including the review, QA and approval of all Project outputs. Operating as an Associate to RPS and reporting to the Marine Institute and the client Steering Group, the project required considerable collaboration with State Departments and Agencies together with academic institutions. Project tasks included: the development of an Irish Marine Atlas and associated web portal, the reporting of Ireland's Initial Assessment to Europe, identification and development of targets and associated indicators, status assessment and mapping of habitat and species distribution, undertaking a comprehensive assessment of the pressures and impacts present in Irish waters, management of the public consultation process, together with the establishment of a programme of measures to ensure the achievement of Good Environmental Status.
- 2009 – Present
United Kingdom, Rep. of Ireland, European Union
- Independent Environmental Consultant
Operating as an independent consultant since 2009, although often contracted in an Associate Consultant or External Project Manager capacity to large international consultancy companies or to academic institutions. Current and recently undertaken high profile projects include:
- *North-east Atlantic Chair/Group Leader, European Habitats Red List Project.* European-wide and EU-funded project to identify and provide scientific

justification for a proposed set of marine habitats of international importance for inclusion in the UICN Red List. The task required the coordination of a large group of experts and policy-makers from all Member States, together with the development of new selection protocols for the Red List accession process and the presentation of results at international meetings.

- *The development of Irish Marine Conservation Objectives.* Working alongside the Irish National Parks and Wildlife Service, this required the detailed analysis of Irish marine and coastal survey data and the establishment of spatially distinct 'conservation units' suitable for conservation management, statutory consents advice and marine spatial planning. Employing both multivariate statistics and GIS mapping, a format was developed that was designed to satisfy the requirements of EU statutory reporting following an unfavourable European Court Judgment.
- *The development of Marine Ecosystem Objectives to guide Scottish Government policy.* Working in consultation with a Scottish Government Steering Committee, a comprehensive examination of Scotland's National and International maritime obligations, both current and future was undertaken. An examination of the synergies between stated objectives, goals or aims was completed, providing an opportunity to direct effort into achieving multiple objectives simultaneously. A tiered hierarchical system was proposed and the recommendations were subsequently implemented by the Scottish Government.
- *Expert Witness at the Dublin Port Extension Application Oral Hearing.* Contracted by DPC to provide an expert account of the likely impacts of the proposed development to the benthic ecology and bird feeding resource. Oral evidence was presented at the Hearing, together with a prior written submission produced after a detailed examination of scientific data obtained on behalf of the applicant and extensive consultation with contracted consultant hydrologists, ecologists, engineers and benthic survey teams.
- *Delivery of a monitoring plan for the Lundy Marine Conservation Zone.* Contracted to review and evaluate a considerable quantity of historical scientific literature and to subsequently develop a long-term monitoring plan for all of the designation elements, utilising the past survey efforts where possible. The process required extensive statistical re-analysis and a critical appraisal of a wide range of previous surveys and studies, together with an assessment of where the use of keystone species or indicator elements might be applied. The resulting recommendations are presently being implemented.
- *Production of published guidance for Scotland's marine renewable development strategy.* A large collaborative project convened under a multi-agency steering committee and with multiple partners, tasked with producing guidance documents across a range of subject areas in support of a consistent environmental approach to Scotland's marine renewable energy strategy. Primary tasks included an extensive literature review, while leading the design of a consistent cross-discipline reporting format.

In addition, successive Government-commissioned surveys have been undertaken since 2009, in partnership with Heriot-Watt University, to identify suitable new candidates for Marine Protected Areas in Scotland using diving and remote imaging techniques. This has also included a surveillance programme on the incidence of the non-native invasive ascidian *Didemnum vexillum* which commenced in 2018.

Further activities include; Nominated Reviewer and QA of Marine Recorder data entry for various Marine Scotland and SNH reports; lecturer at Heriot-Watt

University on visual sampling techniques for BSc and MSc course modules.

2007 – 2009
United Kingdom

Marine Team Leader, Royal Haskoning

The management and mentoring of a team of seven ecologists and consultants based across two office locations. The role required considerable project management and organisational input, carrying Project Director or Technical Director responsibilities for a wide range of projects, including:

- predictive GIS mapping and subsequent field validation of the Scottish incidence of the recently introduced invasive non-native seaweed *Sargassum muticum*;
- Scottish marine survey data evaluation and capture of lost or missing data sets, including entry into the Marine Recorder Database and quality assurance of new entries;
- site condition monitoring of eleven extensive intertidal sediment and lagoon sites designated as Sites of Special Scientific Interest. Tasks included judgements on condition and recommendations for a subsequent monitoring programme utilising non-technical SNH staff;
- assessment of the biological risks associated with the decommissioning of an oil platform;
- scoping and environmental impact assessments of a number of proposed marine renewable energy developments

A major ongoing task was as Project Director for the environmental monitoring and mitigation programme for the *SeaGen* tidal turbine in Strangford Lough, Northern Ireland. Key responsibilities included the coordination and regular review of a large multi-disciplinary monitoring and research programme, incorporating the evaluation of impacts on marine mammals, seabirds, the benthos and the possible modification of hydrological conditions. The role required regular liaison with the Developer's project manager and engineers, Government Regulators, together with the contracted research teams and subcontractors. In addition, there was also a requirement to produce a biannual report and to attend monthly Science Group meetings and public forums to present programme results and, where necessary, suggest improvements or modifications.

2006 – 2007
United Kingdom

Policy and Advice Manager, Trends and Indicators Group, Scottish Natural Heritage

Management of the Trends and Indicators Group (formerly Environmental Audit Unit) and Information Resource Department, with line management responsibilities for 10 staff, located across three office locations. Organisational tasks included annual strategic planning for the Group, incorporating budgeting and allocation of staff resources to all planned projects, together with the initiation and management of projects involving collaborations with external partners (academic institutions and other UK Government Agencies) or the contracting-out of work to consultancies.

The role was primarily engaged in coordinating the collection, analyses, publication and dissemination of data relating to change in Scotland's environment. This programme was established as the core element in SNH's corporate Strategy and in the delivery of 'evidence-led' policy for Scotland's Environment. A key part of this work was the completion, in collaboration with the Scottish Government, of a suite of Scottish Biodiversity Indicators, providing a framework for the long-term charting of environment change and

establishing the Scottish Government's progress in halting biodiversity decline. Additionally, there was also a responsibility for the management and delivery of a separate suite of SNH Natural Heritage Indicators (incorporating socio-economic elements), including the undertaking of an across-Agency campaign of presentations and consultations to gain support for allocation of staff resources within all departments to support a sustained multi-discipline input into the indicator set.

Member of Scottish Government Advisory Group on Marine and Coastal Strategy and joint author of the Science Workstream Report, a key contributor to current Government policy on marine and coastal management.

Nominated UK lead in the programme to develop European Marine Biodiversity Indicators under the Streamlining European 2010 Biodiversity Indicators (SEBI 2010) programme administered by the European Environment Agency, requiring attendance at Expert Group meetings at the EEA in Copenhagen.

2002 – 2006
United Kingdom

Marine Monitoring and Survey Officer, Scottish Natural Heritage.

Primarily responsible for the development of SNH's marine site condition monitoring strategy for all Scottish marine designated sites and the establishment and coordination of a permanent rolling monitoring programme based around a six-yearly reporting cycle.

The post contained a substantial project management element, extending from inception to final reporting. Key tasks included:

- the evaluation of research and survey costs and the submission of annual internal funding bids for the monitoring programme
- subsequent production of tender specifications for work to be undertaken by external contractors
- tender review and selection of the successful bid
- initiation of project and attendance at start-up meetings
- assessment of project plans and risk assessments prior to project start
- attendance at survey fieldwork as field surveyor and Project Leader.
- overseeing of report production ensuring deadlines are met by contractor and perform proof-reading duties at first- and second draft stages
- sign off contractor payments at appropriate stages
- submission of final report draft to SNH external review system
- production of press releases accompanying the publication of monitoring report and providing interviews for TV, radio and newspaper articles

An additional major responsibility was the submission of the feature condition assessments, based on the monitoring results, in fulfilment of the UK's obligations under the EU Habitats Directive for the majority of Scotland's marine and coastal designated sites at the end of the first reporting cycle.

There was also an ongoing requirement to maintain an active role in the UK Marine Monitoring Group which was responsible for developing (and subsequently testing) a UK-wide 'common standards' monitoring protocol for maintaining unified standards in conservation monitoring and surveillance.

2001 – 2002
United Kingdom

Maritime Advisory Officer, Scottish Maritime Audit, Scottish Natural Heritage.

The undertaking of a comprehensive audit of the Scottish marine environment and the production of a report evaluating the current state of Scotland's seas and coasts. The project involved the collection, collation and interpretation of a

wide range of data relating to change in the marine environment, including both ecological and socio-economic subject areas, with much of the emphasis on the establishment of the presence and reliability of both long and short-term trends. The data gathering exercise involved substantial engagement and discussion with academic institutions and research groups, Government Agencies, NGOs and data custodians. The process resulted in a number of incidental products, including a package of "information notes" for web publication. The primary deliverables were a planned formal presentation of the results at a Joint Agency conference on the state of Scotland's Environment (and inclusion as a chapter in the accompanying book) and a subsequent flagship SNH publication entitled "*The Seas Around Scotland 2004*"

1999 – 2001
United Kingdom

Maritime Advisory Officer, Marine Consultation Areas, Scottish Natural Heritage.

Contracted to conduct a full review of Scotland's twenty-nine Marine Consultation Areas to assess their current relevance in the light of changing conservation priorities and objectives and to provide revised justifications using updated information and survey data where available. In addition, a preliminary list of new locations was compiled with justifications based on current research and survey data, requiring extensive literature survey, a comprehensive interrogation of the UK's MNCR Database and a detailed prior knowledge of the abundance and distribution of habitats and species of National and European importance.

1996 – 1996
Falkland Islands, United Kingdom

Project Leader, Falkland Islands Marine Survey

Project management of the first shallow water survey of the Falkland Islands. The role included the management of a field team of five marine scientists/diving surveyors and a large survey vessel and crew, and incorporated survey planning, methodology development, logistics, budgeting and vessel schedule, together with responsibility for survey team safety, including enforcement of statutory diving regulations. Other duties included acting as liaison between Survey team and Falkland Islands Government, the UK Government representative (Governor of the Falkland Islands), local conservation groups, International NGOs and the vessel management agent. On completion of the field survey there was a subsequent role as primary report author and to provide a presentation of the results to Falkland Island residents, Conservation Groups and academic meetings.

Other Qualifications

HSE Part IV Commercial Diver (valid in-date diver medical)
 Scientific Diving Supervisory Committee European Advanced Scientific Diver
 BSAC Advanced Instructor (CMAS 3 star Instructor)
 BSAC Oxygen Administration Instructor
 IANTD Mixed Gas Blender
 Basic Offshore Safety Induction and Emergency Training
 ROV Pilot certificates for Hydrovision Hyball and Seaeye Falcon vehicles
 VHF Radio Operator Certificate
 MCA-Approved Elementary and Emergency First Aid
 UK Driving Licence

Additional information:*Research and Fieldwork Experience:*

In possession of broad academic research background, having worked for several years in Government research (Food and Agricultural Research Council) and industry (e.g. Nickerson BIOCEM, ICI, Astrazeneca) developing novel techniques for the biotechnology industry.

My PhD research examined the effect of trace metals (specifically copper) on marine meiofaunal communities and involved extensive and detailed taxonomic work, together with laboratory microcosm studies and the development of a novel *in situ* field experiment design using diver sampling techniques.

Since 1983 I have held responsible positions in a large number of UK and international marine projects. These have included the Philippines (Diving Officer, Cambridge Coral Survey) Galapagos Islands (Fieldwork Co-ordinator, Cambridge University survey), Belize (Founder member, Coral Cay Conservation), Egypt (Diving Officer, Cambridge University survey). In addition, I have, for many years, been involved in the study of the unusual *Serpula vermicularis* tubeworm reefs, both at the academic level and subsequently as the Government Conservation Agency project manager of the site condition monitoring programme in Scotland. I have also led Government funded research expeditions to map and characterise deep-water coral *Lophelia pertusa* reefs and their associated communities off the Scottish Western Isles. I am currently a nominated Scientific Advisor to a number of ongoing UK Citizen Science projects.

Communication and networking:

I have good communication skills, with a relaxed and approachable style and I am often called upon to provide presentations or briefings. Recent examples include:

- Invited speaker for the Comann na Mara (Hebridean Society of the Sea) Annual Lecture 2007;
- On-camera marine biologist for BBC programme St. Kilda: Britain's Lost World broadcast; Summer of 2008.

Over the years I have built up and maintained a wide-ranging network of contacts which spans academic, Government and public media.

IT and Technical:

I have a good grasp of statistical techniques and I am highly proficient in the use of multivariate and univariate statistical packages such as PRIMER, MINITAB and SPSS. I also regularly use GIS applications, such as QGIS and have had a long association with marine data management systems such as the MS ACCESS-based *Marine Recorder*.

Selected Publications, Papers and Reports

- In prep* Janssen, J. A. M., Gubbay, S., Rodwell, J. S., Sanders, N., Haynes, T., García Criado, M., Nieto, A., Beal, S., Borg, J., Landucci, F., Loidi, J., Kennedy, M., Micu, D., Otero, M., **Saunders, G.**, Ssymank, A., Tahvanainen, T., Valderrabano, M., Acosta, A., Aronsson, M., Arts, G., Attorre, F., Bergmeier, E., Bijlsma, R.-J., Bioret, F., Biță-Nicolae, C., Biurrun, I., Calix, M., Capelo, J., Čarni, A., Chytrý, M., Dengler, J., Dimopoulos, P., Essl, F., Gardfjell, H. Gigante, D., Giusso del Galdo, G., Hájek, M., Jansen, F., Jansen, J., Kapfer, J., Mickolajczak, A., Molina, J. A., Molnár, Z., Paternoster, D., Piernik, A., Poulin, B., Renaux, B., Schaminée, J. H. J., Šumberová, K., Toivonen, H., Tonteri, T., Tsiripidis, I., Tzonev, R. and Valachovič, M. (in prep.). A European Red List of marine, freshwater and terrestrial habitats.
- 2020 Moore, C. G., Harries, D. B., Tulbure, K. W., Cook, R. L., **Saunders, G. R.**, Lyndon, A. R., Kamphausen, L., and James, B. (2020). The current status of serpulid reefs, horse mussel beds and flame shell beds in Loch Creran SAC and MPA. Scottish Natural Heritage Research Report No. 1156. <https://www.nature.scot/naturescot-research-report-1156-current-status-serpulid-reefs-horse-mussel-beds-and-flame-shell-beds>
- 2018 Aslan, H., **Saunders, G.**, Kaboğlu, G., Yokeş, M. B, Okudan, E. S. and Gönülal, O. (2018). Preliminary Spatial Study of the Shallow Marine Communities of Gokceada Island (Turkey) Using Geolocational Habitat Mapping Techniques. Proceedings of the International Symposium on Fisheries and Aquatic Sciences 2018, Ankara, Turkey. https://www.researchgate.net/publication/331634617_Preliminary_Spatial_Study_of_the_Shallow_Marine_Communities_of_Gokceada_Island_Using_Geolocational_Habitat_Mapping_Techniques
- 2018 Moore, C. G., Harries, D. B., James, B., Cook, R.L., **Saunders, G. R**, Tulbure, K. W., Harbour, R. P. and Kamphausen, L. (2018). The distribution and condition of flame shell beds and other Priority Marine Features in Loch Carron Marine Protected Area and adjacent waters. Scottish Natural Heritage Research Report No. CR1038. <https://www.nature.scot/naturescot-research-report-1038-distribution-and-condition-flame-shell-beds-and-other-priority>
- 2016 Gubbay, S., Sanders, N., Haynes, T., Janssen, J. A. M., Rodwell, J.R., Nieto, A., García Criado, M., Beal, S., Borg, J., Kennedy, M., Micu, D., Otero, M., **Saunders, G.** and Calix, M. (2016). European Red List of Habitats. Part 1. Marine Habitats. European Union, Luxembourg. http://ec.europa.eu/environment/nature/knowledge/pdf/Marine_EU_red_list_report.pdf.
- 2016 Moore, C. G., Harries, D. B., Lyndon, A. R., Mair, J. M., Tulbure, K. W., **Saunders, G. R**, Grieve, R. & Brash, J. (2016). 2015 site condition monitoring and site check surveys of marine sedimentary and reef habitats in the Loch nam Madadh SAC and Loch an Duin SSSI. Scottish Natural Heritage Commissioned Report No. 923. <https://www.nature.scot/snh-commissioned-report-923-2015-site-condition-monitoring-and-site-check-surveys-marine>.
- 2015 Moore, C. G., Harries, D. B., Cook, R. L., **Saunders, G. R.**, Atkinson, R. J. A., and Sanderson, W.G (2015). 2014 site condition monitoring of the Sound of Arisaig. Scottish Natural Heritage Commissioned Report. Scottish Natural Heritage Commissioned Report No. 807. <https://www.nature.scot/sites/default/files/2017-07/Publication%202015%20-%20SNH%20Commissioned%20Report%20807%20-%202014%20site%20condition%20monitoring%20survey%20of%20marine%20sedimentary%20habitats%20in%20the%20Sound%20of%20Arisaig%20SAC.pdf>
- 2014 Haynes, T., Bell, J., **Saunders, G.**, Irving, R., Williams J., and Bell, G., (2014), Marine Strategy Framework Directive Shallow Sublittoral Rock Indicators for Fragile Sponges and Anthozoan Assemblages, JNCC Report 524, ISSN 0963 8091. http://jncc.defra.gov.uk/pdf/Report_524_web3.pdf
- 2013 Moore, C. G., Harries, D. B., Atkinson, R. J. A., Clark, L., Cook, R. L., Hirst, N. E., **Saunders, G. R.**, Lyndon, A.R., Sanderson, W.G. and Porter, J.S. (2013). The distribution and condition of proposed protected features within the Loch Sween possible Nature Conservation MPA. Scottish Natural Heritage Commissioned Report No. 621. http://www.snh.org.uk/pdfs/publications/commissioned_reports/621.pdf
- 2013 Moore, C. G., Harries, D. B., Cook, R. L., Hirst, N. E., **Saunders, G. R.**, Kent, F. E. A., Trigg,

- C. and Lyndon, A. R. (2013). The distribution and condition of selected MPA search features within Lochs Alsh, Duich, Creran and Fyne. Scottish Natural Heritage Commissioned Report No. 566. http://www.snh.org.uk/pdfs/publications/commissioned_reports/566.pdf
- 2011 **Saunders, G.**, Bedford, G.S, Trendall, J.R. and Sotheran, I. (2011) Guidance on survey and monitoring in relation to marine renewables deployments in Scotland. Volume 5. Benthic Habitats. Unpublished draft report to Scottish Natural Heritage and Marine Scotland. (Currently released as a Consultation Draft). <http://www.snh.org.uk/docs/A585079.pdf>
- 2011 Trendall, J.R., Bedford, G.S., Tarrant, D.C., Fortune, F. and **Saunders, G.** (2011) Baseline survey and mapping of intertidal features within selected Scottish East Coast SSSI and Ramsar Sites. pp. 504. Battleby: Scottish Natural Heritage. Commissioned Report, No. 447. http://www.snh.org.uk/pdfs/publications/commissioned_reports/447.pdf
- 2010 **Saunders, G.**, Velterop, R and Pizzolla, P. (2010) Design of a monitoring programme for Lundy. Natural England, Exeter. <http://www.saunders-marine.co.uk/resources/100318%20-%20Lundy%20Monitoring%20Final%20Report%20-%20GS%20edits.pdf>
- 2010 Trendall, J.R., Bedford, G., Lawton, P., Davison, D.M., Fortune, F. and **Saunders, G.** (2010) Assessment of the spread of the non-native species *Sargassum muticum*: Solway Firth to the Ardnamurchan Peninsula. pp. 251. Battleby: Scottish Natural Heritage. Commissioned Report, No. 251. http://www.snh.org.uk/pdfs/publications/commissioned_reports/347.pdf
- 2010 **Saunders, G.** and Scott, M. (2010). Scottish Marine Ecosystem Objectives: Scoping Study. Scottish Natural Heritage. Commissioned Report, No. 341. http://www.snh.org.uk/pdfs/publications/commissioned_reports/341.pdf
- 2009 Moore, C. G., Bates, C. R., Mair, J. M., **Saunders, G. R.**, Harries, D. B. and Lyndon, A. R. (2009). Mapping serpulid worm reefs (Polychaeta: Serpulidae) for conservation management. Aquatic Conservation: Marine and Freshwater Ecosystems. 9: 226-236.
- 2007 Greathead, S. F., Donnan, D. W., Mair, J.M. and **Saunders, G. R.** (2007). The sea pens *Virgularia mirabilis*, *Pennatula phosphorea* and *Funiculina quadrangularis*: distribution and conservation issues in Scottish waters. Journal of the Marine Biological Association of the UK. 87 5623/1 139.
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- 2004 **Saunders, G. R.** and Moore, C. G. (2004). *In Situ* approach to the examination of the impact of copper pollution on marine meiobenthic copepods. Zoological Studies. 43: 350-365. <http://zoolstud.sinica.edu.tw/Journals/43.2/350.pdf>
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- 2003 Wilson, J., Mackey, E., Mathieson, S., **Saunders, G.**, Shaw, P., Walker, I., Watt, A. and West, V.

- (2003). Towards a strategy for Scotland's biodiversity: developing candidate indicators of the state of Scotland's biodiversity. Scottish Executive Environment Group/Scottish Biodiversity Forum, Paper 2003/6. Edinburgh. <http://www.scotland.gov.uk/Publications/2003/02/16436/18476>
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- 2000 **Saunders, G. R.** (2000). The effects of copper on marine meiobenthic communities: field and laboratory studies. PhD Thesis. Heriot-Watt University, Edinburgh. 306 pp. [http://www.saunders-marine.co.uk/resources/Saunders,%20G.R.%20\[2000\]%20-%20PhD%20Thesis%20-%20HWU.PDF](http://www.saunders-marine.co.uk/resources/Saunders,%20G.R.%20[2000]%20-%20PhD%20Thesis%20-%20HWU.PDF)
- 1998 Moore, C. G., **Saunders, G. R.** and Harries, D. B. (1998). The status and ecology of reefs of *Serpula vermicularis* L. (Polychaeta: Serpulidae) in Scotland. *Aquatic Conservation: Marine and Freshwater Ecosystems* 8: 645-656.
- 1997 **Saunders, G. R.** (1997). The first survey of the Falkland shallow sublittoral zone. Proceedings of the Society for Underwater Technology 4th Underwater Science Symposium, Newcastle upon Tyne, 19-20 September, 1997, 169-183.
- 1996 Tingley, G., **Saunders, G.**, Harries, D. and King, J. (1996). The first shallow marine survey around the Falkland Islands. Falkland Islands Government, Stanley, Falkland Islands.
- 1990 Toukdarian A, **Saunders G**, Selman-Sosa G, Santero E, Woodley P and Kennedy C. (1990). Molecular analysis of the *Azotobacter vinelandii* glnA gene encoding glutamine synthetase. *Journal of Bacteriology* 172 (11): 6529–6539.
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