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18 November 2009

Notification of Change to Proposed Assessment Team for the SARPC toothfish fishery

MacAlister Elliott and Partners Ltd. (MEP) is undertaking the full MSC certification assessment process for the following fishery:

Fishery for toothfish *Dissostichus eleginoides* in the TAAF EEZ (around Kerguelen and Crozet islands) by members of SARPC.

After stakeholder consultation on the assessment team, MEP proposes a change to the composition of the assessment team. The team is now proposed to be as follows:

- Dr Sophie des Clers
- Dr Terry Holt
- Dr Jo Gascoigne

(Substitution of Dr Sophie des Clers for Dr Paul Medley)

The CV of Dr des Clers is attached below. CVs for the other team members are available on the MSC website or on request to MEP.

All interested stakeholders are encouraged to contact Caroline Gregg at MEP's UK office via the above details, or Dr Jo Gascoigne in MEP's French office:

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France
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The new deadline for consultations on this team is 28 November 2009.

J D M ELLIOTT S J AKESTER
T E SCHLESINGER BSc (Hons) FCA



REGISTERED NUMBER 13 17 44 9
VAT REGISTRATION NUMBER 293 6198 20

Curriculum Vitae : Sophie des Clers

Education

Date, Institution	Degree(s) or Diploma(s) obtained
1985, Université Lyon I, France	PhD in Biometrics (Quantitative Ecology) Sept. 82-Sept.85 Doctorat de Biométrie, Mention Très Honorable
1998, University College London, UK	MSc in Public Policy, University College London (European Environmental Policy, European Law and Institutions, Public Policy, Machinery of Government, Judicial Review, Microeconomics). Sept.97-Sept.98
1978, Université Paris 6, France	Post-graduate degree in Quantitative Ecology Sep.77-Sept.78, Diplôme d'Etudes Approfondies, Université Paris 6, France
1978, International Institute for Applied Systems Analysis, Laxenburg, Austria	Post-graduate Summer School in Systems Analysis Jul.78-Sept.78
1977, Université Paris 7, France	Post-graduate degree in Natural Sciences Sept.72-Aug.77 Maîtrise ès Sciences

Language skills (Competence on a scale of 1 to 5: 1- excellent, 5- basic)

Language	Reading	Speaking	Writing
French	1	1	1
English	1	1	1
Spanish	2	4	5
Italian	3	5	5

Membership of professional bodies: International Institute for Fisheries Economics and Trade (IIFET), Ecological Economics Society, Fellow of the Royal Geographical Society

Computer skills: Microsoft Word, Excel, Powerpoint, Access

Present position: Independent Consultant, and Honorary Research Fellow – University College London, Department of Geography

Key qualifications

- 30 years of combined Research, Consultancy, Team and Project Management experience
- Geography of commercial fishing grounds (Essex Estuaries Initiative, FisherMap, Seafish)
- Fisheries ecology and socio-economic assessment and management advice practice to government and fishing businesses (Falkland Islands Trawling Loligo squid and Long-lining Toothfish fisheries; Mauritanian Octopus fisheries; UK Thames estuaries fish and shellfish and fisheries)
- Highly quantitative and computer literate, excellent command of spoken and written technical English and French, excellent public presentation and inter-personal skills
- Bi-lingual English and French
- Research, Teaching (undergraduate and Postgraduate) and research fundraising and contract management experience at UCL, Warwick University and Imperial College since 1986.

Professional experience

Date from-to	Description
Since 1992	Independent Consultant
Since 2007	Honorary Research Fellow, Department of Geography, UCL
2005-2006	Teaching Fellow, Department of Geography, UCL
2001-2005	Senior Research Fellow, Department of Geography, UCL
1999-2001	Research Fellow, UCL Jackson Environment Institute
1997-1998	Principal Research Fellow, Ecosystems' Analysis and Management Group, Department of Biological Sciences, Warwick University.
1994-1997	Research Fellow, Falkland Islands Fisheries Management Group for the Falkland Islands Government Fisheries Department, Imperial College, London.
1986-1997	Research Fellow, Renewable Resources Assessment Group, Imperial College, London.
1980-1985	Scientific Officer, Head of Data Analysis Laboratory, Freshwater Quality, Fisheries and Aquaculture Division, CEMAGREF, Ministère de l'Agriculture, Paris and Lyon, France.
1978-1980	Research Assistant, Laboratoire d'Ecologie, Ecole Normale Supérieure, Paris, France.

Relevant Consultancy and Research Projects

End year	Countries, Activities, Client
2009	Falkland Islands , Resource rent review, Falkland Islands Fisheries Department.
2009	Europe , Seas at Risk Conference, background paper and Conference presentation
2009	UK , Extension of FisherMap protocol to include social and economic data, Seafish.
2009	Falkland Islands , Expert review of fisheries assessment of grenadier deep-water fishery, Private client.
2009	UK , MSC assessment expert for finfish and shellfish, McAllister Elliott Partners.
2009	Europe , Analysis of European fishing fleet over-capacity levels, IEEP London
2009	Europe , Deepfishman FP7-funded research project on the management of deep-water fisheries. Stakeholders identification and communication strategy, Ifremer
2009	EC . Research projects evaluator (since 2000: FP5, FP6 and FP7), European Research and International Co-operation (INCO Developing ACP and Mediterranean countries). European Commission EC-DG Research and DG-Fish in support of policy, for Fisheries, Marine Environment and Water Resources programmes.
2008-9	Greater Thames Estuary, UK . Socio-Economic appraisal of coastal fisheries sector. Team leader in charge of survey design and data analysis, MEP Consultants Ltd.
2008	France , MSC assessment expert for shellfish and finfish fisheries, Bureau Veritas Certification.
2007-8	England and Wales . National Water Temperature Archive and analysis of climate change in rivers, lakes and estuarine ecosystems in England and Wales. Team leader in charge of data sourcing, analyses and reporting, Environment Agency, Ensis Ltd.
2007-8	Devon, Dorset and Somerset, UK . Expert advice to FisherMap, a Finding Sanctuary project to record fishermen's use of the sea, FIFG and others. Expert advice on data collection and stakeholder engagement protocol.
2007	Rome, West and Central Africa . Interactions between the Oil & Gas industry activities and Sustainable Fisheries Livelihood in 25 countries of West and Central Africa: Policy Information analysis, and management and mitigating recommendations (3 months). Expert Report (desk study) to Sustainable Fisheries Livelihood Programme UN-FAO and DFID.
2006	Senegal, Gabon, Mozambique, Uganda, Fiji and New Caledonia . Complementary Feasibility Study for ACP-FishII, a project to strengthen Fisheries Management capacity in ACP countries. Update of all key documents to reflect budget increase to €5million, field visits to Senegal, Gabon, Mozambique, Uganda, Fiji and New Caledonia. Team

End year	Countries, Activities, Client
	leader, in charge of social and environmental aspects, team of three with economist and knowledge base experts, July to December. EC-AIDCO.
2006	Senegal. Evaluation of PAPA-Sud, a 5-year project in support of artisanal fisheries south of Dakar (including Saloum and Casamance, 7 weeks). Team leader, in charge of socio-economic evaluation, team of three with infrastructure and training experts. EC delegation in Senegal.
2006	UK. Fishing Strategy and management recommendations for the East of England region. Part of team of three in charge of environment, catching, processing and marketing sector SWOT analyses and recommendations (2 months, Poseidon Consultants). East of England Regional Development Agency (EEDA) UK.
2006 2005	OECD Paris. Benefit cost analysis of integrating the High Seas Fishing Vessel information scheme with the Equasis Merchant Marine Vessel database. Team of two, in charge of SWOT analysis and Data information systems. Poseidon Consultants, The High Seas Task Force, OECD Paris.
2006	World. IPCC - WG II. Corresponding author – Fisheries and Aquaculture Socio-Economics: Impacts, Mitigation and Adaptation (World Ch. 5 and Europe Ch. 12)
2005	UK. Expert - Conception and delivery Marine Stakeholder Knowledge Training Workshop on the collection of local ecological knowledge to inform the choice of Marine Protected Areas in the SW of England (September). Finding Sanctuary (Natural England, Exeter) UK.
2005	Senegal. Negotiation Capacity building Workshop (2 days) and Training day – Information needs, role play and logical framework for future R&D programme and improved fisheries management. Joint Team leader in charge of delivery with international legal expert, the World Conservation Union IUCN and West African Regional sub-regional Fisheries Commission (CSRP - 7 countries).
2005	UK, Denmark, France, Italy, Spain. PECHDEV-FP5 Integration of environment constraints in CGE model of regional economic development in EU fisheries-dependent regions: Project partner, in charge of Work Package linking Ecology with regional economics. Research Framework 5. Uni. Portsmouth Lead Partner, EU - EC Fish Directorate General.
2004	UK. Leigh on Sea Sustainable Fishing Port development, stakeholder consultation and representation at Public Enquiry for London Port development. Expert Advice to Leigh Port Partnership, and Southend Borough Council (Essex) UK Local authorities
2003	UK. Harwich Fisheries Ecosystem Description and Monitoring: Development of ecosystem description and monitoring framework for and with local fishermen in the wake of the proposed Bathside Bay container port development. Port Authority (Harwich Haven) UK.
2003	UK. Research and management strategy for the Thames Estuary Research Forum priorities: Evaluation and Report. Coastal Partnership (Thames Estuary) UK.
2002	EC. Independent representative for the Environment at the EC Advisory Committee for Fisheries and Aquaculture during the reform of the Common Fisheries Policy. Environmental NGOs (WWF-Europe, RSPB-European Policy), EC – Brussels.
2001	South Georgia (Antarctica). Expert to the High Court in the Quark Fishing case regarding the procedure for Toothfish fishing licensing and management measures operated by Her Majesty's Foreign Office in South Georgia (Antarctica). Thomas Cooper & Stibbard, Maritime Lawyers, London.
2001	EC. Port-Cities project Coordination of the case studies delivery for the Sustainable Development of Port-Cities project (partner ports: Rotterdam-industrial ecology, Cork, Dunkirk-Environmental Management Systems, Le Havre-Environmental regulations, Rouen-integrated planning). Thames Estuary Partnership-EC Interreg II, UK, Ireland, France, Netherlands.

End year	Countries, Activities, Client
2001	EC. AXES workshop presentation in Montpellier (France). Invited presentation: Environmental externalities linked to the fisheries and aquaculture sector at regional level. EC Framework 5 Research, Montpellier, France.
2001	UK. Survey of the Greater Thames Estuary Fisheries Knowledge, based on interviews and meetings with commercial fishermen along the coasts of Kent and Essex. Essex Estuaries Initiative (Colchester Borough Council), UK.
2001	UK. Fish prices and electronic auctions. Analysis of Government price statistics and interviews of fishermen, fish salesmen, fish buyers and fish market agents around the UK and the EU: part of team of three, in charge of Nephrops and Scottish ports. MAFF Economic Research.
2001	Falkland Islands. Expert to the High Court in the Factortame case regarding damages owed by Her Majesty's MAFF to squid vessels operating in the Falkland Islands in 1989. Thomas Cooper & Stibbard, Maritime Lawyers, London.
2001	USA. Translation of the IUCN Handbook Research and Management Techniques for the Conservation of Sea Turtles (English into French, 235pp.). IUCN/SSC Marine Turtle Specialist Group, USA.
2000	EC. Integrating Biodiversity and European Fisheries Policy: Rebuilding a healthy and productive ecosystem. Briefing Paper. WWF-UK (EC DG Environment)
2000	EC. ACACIA Report chapter on the Impact of climate change on European fisheries, within a multi-disciplinary team Concerted Action. EC DG Environment
2000	UK. Regionalisation of the EU Common Fisheries Policy: Report and briefing notes. World Wide Fund for Nature – UK.
1999	Philippines. ICLARM Resource person to the FISHBASE Biodiversity Project Steering Committee. Manila.
1998	UK. Financial Implications for Fisheries Recovery Plans. Research and Project report on the use of EU Structural Funds in the Scottish Highlands and Islands Fisheries Sector. Institute for European Environmental Policy (WWF – UK funding).
1998	Mauritania. Stock Assessment and Fisheries Management in the Mauritanian EEZ One of three Workshop coordinators, Nouakchott, Islamic Mauritanian Republic. Mauritania. Mauritanian Research Institute CNROP (FAO-UN funding).
1998	UK. Analysis of the interactions between European, National and Local Fisheries Policies in the United Kingdom and their implications for fisheries management. Marine Education and Conservation Trust.
1998	UK. Feasibility of a greater local involvement in Fisheries' Management in the UK: Two case studies (Pittenweem, Scotland and Maryport, Cumbria). World Wide Fund for Nature.
1997	UK. Networking small fishing co-operatives through the internet: Feasibility study. Local Authority Fife Council, Scotland.
1997	Mauritania. Leader, team of six. Institutional strengthening of the Industrial Fisheries Directorate, Ministry of Fisheries, Mauritania. Mauritanian Ministry of Planning (EU STABEX fund).
1997	Falkland Islands. Development of Fisheries Management models for the Falkland Islands Fisheries Department, covering the determination of allowable effort, catch quota and valuation of fishing licences. The Falkland Islands Government, Fisheries Department.
1996	UK. Analysis of ongoing structural adjustments of the European Fishing Fleet. World Wide Fund for Nature.
1996	UK-EU. Costs and benefits of the European bilateral Fisheries Agreements. Results presented to the House of Lords' European Affairs Committee, highlighting potential efficiency improvements to the current policy. World Wide Fund for Nature.
1995	Norway. Principal Investigator, Interactions between seals and fisheries in the Oslofjord, Norway, notably as a consequence of the viral epidemic that had killed two thirds of the

End year	Countries, Activities, Client
	seal colony in the region (5 years). Norwegian Fisheries Research Council (NFFR).
1994	UK. Analysis of long term pike and perch population changes from Lake Windermere to establish the extent of long-term natural variations in UK freshwater fish populations. Ministry for Agriculture, Food, and Fisheries (now DEFRA) and NERC.
1994	Expert analysis of existing management measures and the commercial potential for the offshore shrimp fishery in the Vietnam Exclusive Economic Zone (EEZ). Private Fishing Group, desk study.
1993	Mauritania. Expert in team of three. Strengthening of Mauritanian Fisheries Research Institute CNROP. Recommendations on the structure (including details such as staff pay packages) and research programming of the Institute. Mauritanian Ministry of Planning (EU STABEX fund).
1993	Mauritania. Expert in Team of 2. Reform of Fiscal System in the Mauritanian Fisheries Sector for improved fisheries management. Recommendations led to the reorganisation of the Mauritanian Fiscal System in the Fisheries sector voted by the Mauritanian Parliament in 1994. Mauritanian Ministry of Planning (EU STABEX fund).
1992	UK. Analysis of fish disease prevalence rates in the North Sea (Development of a sampling strategy for parasite monitoring in Scottish cod). Scottish Office Agriculture, Fisheries and Food (now SEERAD).
1992	UK. Analyses of the population dynamics of <i>Pseudoterranova decipiens</i> infections in Atlantic cod (<i>Gadus morhua</i>). Population models to explain past and present trends in parasitic infections in cod landed at British ports; design of a monitoring programme subsequently operated by the Marine Laboratory of the Scottish Office. Department of Agriculture, Food and Fisheries for Scotland and Natural Environment Research Council, London.
1991	South-East Asia. Statistical bases to detect infection and estimate prevalence in tropical aquaculture. Published as a Handbook of statistical guidelines and methods for the use of fish farmers and quarantine installations. Overseas Development Administration (now DfID), Aquaculture Programme.
1987	UK. Analyses of the population dynamics of <i>Pseudoterranova decipiens</i> infections in Atlantic cod (<i>Gadus morhua</i>). Population models to explain past and present trends in parasitic infections in cod landed at British ports. Department of Agriculture, Food and Fisheries for Scotland (now SEERAD), Aberdeen.
1985	France. Population dynamics of Northern pike (<i>Esox lucius</i>) in the Seine near the Montereau power plant (upstream Paris). National Electricity Company (EDF).
1981	France. Modelling temperature changes, eutrophication and algae growth in lakes. French National Research Council (DGRST).

Invited Expert

- ▶ 2009 – Seas at Risk - Towards Sustainable European Fisheries: The double challenge of restructuring and reducing the fishing fleet, Current over-capacity and ways forwards (Brussels, 21 Oct.).
- ▶ 2008 – Environmental Statistics Section of the Royal Statistical Society, Climate and Ecology meeting, University of Reading, 26 November, Surface Water Temperature Archive.
- ▶ 2008 – Thames21 and UCL Department of Civil, Environmental & Geomatic Engineering, UK. Mapping for sustainable communities (London, 17 June)
- ▶ 2007 – Sea Fish Industry Authority, UK. Marine Spatial planning and protected areas. Presentation on Fishing Industry contribution to Marine Spatial Planning (Newcastle, 26-27 March)
- ▶ 2006 – IUCN-DG DEV Countdown to 2010. Invited Workshop. Scoping paper on Biodiversity, Development and Trade - EU Fisheries Agreements in West Africa (Paris, 19-21 Sept.)
- ▶ 2006 – North Sea Regional Advisory Council, Marine Spatial Planning Working Group (London, 7-8 February)

- ▶ 2005 – DfID, Climate Change and Fisheries (London, 12 September)
- ▶ 2005 – EC, European Fisheries Development Advisers Annual Meeting (London, 4-5 July).
- ▶ 2004 – NERC, Edinburgh 2 September, Open meeting: Science for Sustainable Marine Bioresources, How can socio-economic research help achieve sustainable fishery management?
- ▶ 2004 – EC, DG Fish, Bundoran 27-29 May, Role of Fishing, Aquaculture and related activities in the development of coastal zones - conceptual aspects.
- ▶ 2002 – Dutch Fisheries Ministry, The Hague 19 September, Overview of fisheries effort management regimes in conservation policies.
- ▶ 2001 – EC DG Research, Brussels 3-4 December, New Concepts and Indicators in Fisheries and Aquaculture.
- ▶ 2001 – WWF-International, Sally Portudal, Senegal. 26-29 March (Optimum resource Use, Total Allowable Catches and Harvesting capacity)
- ▶ 2001 – SAIL (EC-Interreg II sponsored project), Social sciences and coastal fisheries management, Colchester, 12 December 2000
- ▶ 2000 – WWF-UK. Integrating Biodiversity and European Fisheries Policy: Rebuilding a healthy and productive ecosystem (Institutional Constraints at local, national and European levels, Göteborg, Sweden and Brussels).
- ▶ 1999 – California Fish and Game Dept. Scientific Committee meeting on Loligo Squid Fisheries. Long Beach, California 19-23 July.
- ▶ 1999 - EC DG Research - Brussels, 16 -18 June. ACACIA Project - EU meeting on Policy implications of Climate Change.
- ▶ 1999 – ICLARM – Manila Philippines, 1 – 4 June. Resource person to the FISHBASE Biodiversity Project Steering Committee.
- ▶ 1998 – CNROP – Nouadhibou Mauritania, 7-13 December. Resource Assessment Workshop, Co-editor of final FAO report and public presentation of the Workshop key recommendations to Fisheries Minister
- ▶ 1998 – WWF International - Marine Stewardship Council Conference. Member of Panel "How science can influence political will" - Lisbon, Sept.
- ▶ 1998 - European Community - ACP - EU Fisheries Research Initiative, Lisbon, 1st to 4th July. Conference “Ocean Food Webs and Economic Productivity” - EXPO98 (On fishermen’s information requirements to be able to make sustainable economic decisions).
- ▶ 1997 - EC DG Dev - Brussels, 1st to 3rd December. ACP - EU Expert consultation on the Fisheries Information and Analysis System (FIAS).
- ▶ 1997 - Fisheries Centre, University British Columbia, Vancouver Canada, 21st to 22nd November. “Back to the Future” Workshop on the historical reconstruction of marine ecosystems.
- ▶ 1997 - CalCOFI California Co-operative Oceanic Fisheries Investigations, Market squid Symposium, Lake Arrowhead, California USA 28th to 30th October. Management and scientific advice on the Falkland Islands Loligo squid fishery.
- ▶ 1997 - North Atlantic Marine Mammal Council (NAMMCO), Working Group on interactions between seals and fisheries, Tromsø, Norway, March. Monitoring sealworm infections in Scottish cod landings.
- ▶ 1997 - House of Lords - Select Committee on the European Communities - Agriculture, Fisheries and Consumer Protection, London November. Third Country Fisheries Agreements, Written and Oral Evidence.
- ▶ 1996 - International Workshop on Viruses in Shrimp Farms, Guyaquil, Ecuador, June. Quantitative epidemiological methods.
- ▶ 1995 - European Parliament, Fisheries Committee, Brussels, September. Hearing on Multi-species management (Interactions between seals and fisheries).

Expert Reports and Scientific Publications

- ☐ **des Clers, S.**, 2009. Sea at Risk Conference Towards sustainable European Fisheries: The double challenge of restructuring and reducing the fishing fleet. Background paper, 15pp, in the press.
- ☐ **des Clers, S.**, 2009. Deepfishman Stakeholders Workshop Report. http://wwz.ifremer.fr/deepfishman/content/download/52666/384886/file/Stakeholder_workshop_29-30June2009_report.pdf
- ☐ Lutchman, I., C. Grieve, **S. des Clers** and E. De Santo, 2009. Towards a reform of the Common Fisheries Policy in 012 – A CFP Health Check, 66pp. http://www.iecp.eu/publications/pdfs/cfp/cfp_healthcheck.pdf
- ☐ **des Clers, S.**, *et al* 2008. FisherMap Final Report, http://www.finding-sanctuary.org/staticfiles/pdf/Fishermap_final_report_web.pdf
- ☐ **des Clers, S.**, M. Hughes and G. Simpson, 2008. Surface Water Temperature Archive, Environment Agency and CCW, Science Report, in the press.
- ☐ **des Clers, S.** 2007. Mitigating the Impacts of Oil Exploration and Production on Coastal and Wetlands livelihoods in West / Central Africa. Expert Report to FAO-SFLP, 79p. ftp://ftp.fao.org/FI/DOCUMENT/sflp/SFLP.../English/oil_fish.pdf
- ☐ **des Clers, S.** Barnes, C. and P. Medley, 2007. Feasibility Study for a Programme on Strengthening Fisheries Management in ACP Countries. Poseidon Report to EC-AIDCO, 122p + Technical, Administrative and Bibliographical Annexes.
- ☐ **des Clers, S.**, Delincé, G. and O. Guindo 2006. Final Evaluation of EC-funded Programme to strengthen small-scale fisheries in South Zone (PapaSud). Poseidon Report to EC-Delegation in Dakar, Senegal.
- ☐ **des Clers, S.** 2006. Contributing Author, 4th Assessment - IPCC Working Group II, Fisheries and Aquaculture Socio-Economics Chapter 5 (World) and Chapter 10 (Europe). <http://www.ipcc.ch/ipccreports/ar4-wg2.htm>
- ☐ Maslin, M and **S. des Clers** 2005. Editorial: Enlightenment in four dimensions. Transactions of the Institute of British Geographers Sept. 2005, Volume 30: 267-268.
- ☐ **des Clers, S.** 2004. Connecting with Fisheries: Coastal Fishermen's maps and Ecosystem Description. *In* Delivering Sustainable Coasts: Connecting Science and Policy, D. Green (ed.) Littoral 2004 Proceedings Vol.1: 377-380.
- ☐ **des Clers, S.** 2004. Fishermen's Maps <http://www.cefas.co.uk/coastmap/coastmap5.pdf>. Coast Map News No5:9-10.
- ☐ **des Clers, S.** 2003. A Fisheries Ecosystem Approach: From counting fish to herding cats. Invited column, Ocean Challenge, European Issue 13(2): 17
- ☐ **des Clers, S.** 2003. Harwich Fisheries Ecosystem Description and Monitoring Strategy. Report to the Harwich Haven Port Authority, 44pp.
- ☐ **des Clers, S.** and C. Nauen. (eds.) 2002. New Concepts and Indicators in Fisheries and Aquaculture, Workshop report. EC Cooperative Fisheries Research Report Series No 13, 25p (trilingual).
- ☐ P. Failler and **des Clers, S.** 2002. Perspectives d'extension économique et sociale du modèle écologique ECOPATH *in* La recherche halieutique et le développement durable des ressources naturelles marines de l'Afrique de l'Ouest : quels enjeux ? EC Cooperative Fisheries Research Report Series No 11: 10pp.
- ☐ P. Failler, **des Clers, S.** and, P. Bernard, (eds.) 2002. AXES - Research Orientations for the development of new tools and models to evaluate the contribution of aquaculture and fishing activities to the development of coastal areas and their socio-economic interactions with other sectors. Workshop report. CEMARE Report series, Portsmouth University, 180pp.

- ☐ **des Clers, S.** 2002. Environmental integration as a basis for regional fisheries management in Europe – a UK perspective *in* P. Failler, des Clers, S and, P. Bernard, (eds.) AXES : 37-59.
- ☐ **des Clers, S.**, C. Dat and S. Carrier, 2001. Survey of Greater Thames Estuary Knowledge, Final Report to Essex Estuaries Initiative.
- ☐ Banks, R, **S. des Clers** and G.McFadyen, 2001. Economic Research Project : Fish prices and electronic auctions in the UK (Richard Banks Ltd Report to MAFF now Defra,103pp.
<https://statistics.defra.gov.uk/esg/reports/fpea/summary.pdf>)
- ☐ **des Clers, S.** 2001. Expert Report, and Joint Expert Report to the High Court, London UK. Factortame case regarding vessels fishing in the Falkland Islands and South Atlantic waters.
- ☐ **des Clers, S.** (2001). Contributing Author, 3rd Assessment - IPCC Working Group II, Fisheries and Aquaculture Socio-Economics Chapter 5 (World) and Chapter 10 (Europe).
- ☐ **des Clers, S.** 2000. WWF-UK Final Report on the Regionalisation of the Common Fisheries Policy.
- ☐ **des Clers, S.** 2000. Integrating Biodiversity and EU Fisheries Policy. WWF-UK Workshop papers Report, December 2001 23-32. (Invited presentation, WWF-UK and DG Environment)
- ☐ **des Clers, S.** 2000. Decentralisation of the CFP: Can resource scarcity be internalised in the production process of fishing firms? (Invited presentation, EC-sponsored Concerted Action on Fisheries Economics, Vigo, 28-30 October.) *in* CEMARE EC Workshop Report.
- ☐ **des Clers, S.** and K. Brander, 1999. Impact of climate change on European Fisheries, ACACIA project Report on the Assessment of the Potential Effects of Climate Change in Europe, 195-206 and 333-335.
- ☐ Grist, E.P.M. and **S. des Clers**, 1999. Seasonal and genotypic influences on life-cycle synchronization: Further insights from annual squid. *Ecological Modelling* 115 (2-3): 149-163.
- ☐ **des Clers, S.** *in* Nautilus Ltd., 1999. The Regionalisation of the Common Fisheries Policy (CFP), impact on structural Policy and Multi-Annual Guidance Programmes (MAGPs) in relation to Agenda 2000. Brussels, European Parliament, Directorate General for Research, Division for Agriculture, Fisheries, Forestry and Rural Development, 82pp.
- ☐ **des Clers, S.**, 1998. European support for sustainable fisheries: Assessment of European Structural Funds use in the UK Highlands and Islands (Objective 1) region. Report to the Institute for European Environmental Policy (IEEP). London, 30pp.
- ☐ **des Clers, S.** 1998. Information needed by fishermen to make sustainable economic decisions. *EC Fisheries Cooperation Bulletin* 11(3-4): 34-41 (English and French versions) Dec.
- ☐ **des Clers, S.** 1998. More Local involvement in UK Fisheries Management: A feasibility study. Project Report. WWF-UK, 70pp.
- ☐ Hatfield, E.M. and S. des Clers, 1998. Fisheries management and research for *Loligo gahi* in the Falkland Islands, *in* G. Hemmingway ed., CALCOFI Report No 39.
- ☐ **des Clers, S.**, 1998. Sustainability of the Falkland Islands *Loligo* squid fishery. *in* E.J. Milner-Gulland and R. Mace (eds.) *Biological Conservation and Sustainable use*. Blackwell Science: 225-242.
- ☐ Grist, E.P.M. and **S. des Clers**, 1998. How seasonal temperature variations may influence the structure of annual squid populations. *Journal of Mathematics Applied in Medicine and Biology*, 15: 1-22.
- ☐ **des Clers, S.**, 1998. Structural adjustments of the distant fleet of European factory trawlers fishing for *Loligo* squid in Falkland Islands waters, *in* Property Rights and regulatory systems for Fisheries, D. Symes (ed.) *Fishing News Books*: 143-152.
- ☐ **des Clers, S.**, 1997. East Neuk Fishing Industry and Economic Networking. On the national and international networking of local fishing communities for marketing purposes. Report to Fife Council (local authority - Scotland) - Economic Development Service, Unpublished Report 16pp.
- ☐ **des Clers, S.** 1997. Review of recent developments in the European Common Fisheries Policy. Report to WWF-UK, 70pp.
- ☐ J.-P. Troadec, M. Bâ, M. Chérif, M. Dia, **S. des Clers** et C. de Verdelhan, 1997. Strengthening of the Mauritanian Fisheries Ministry (Identification d'un projet de renforcement de la Direction de la Pêche

- Industrielle du Ministère de la Pêche et de l'Économie Maritime). IFREMER Report, to République Islamique de Mauritanie, 150p (in French).
- ☐ **des Clers, S.**, 1997. Transcription of evidence given to the House of Lords Select Committee on European matters, session 1996-1997: EU International Fisheries Agreements. Report, HMSO London 101pp: 13-26.
- ☐ **des Clers, S.**, 1996. Costs and benefits of the EU / Third country fisheries agreements. Leaflet WWF-UK, 3 pp.
- ☐ **des Clers S.** and J. Prime, 1996. Seals and fishery interactions: observations and models in the Firth of Clyde (Scotland) *in* Greenstreet, S. and M. Tasker (eds), Aquatic Predators and their Prey, Fishing News Books. 124-132.
- ☐ Shinn A.P., **S. des Clers**, D.I. Gibson and C. Sommerville, 1996. Multivariate Analyses of morphometrical features from *Gyrodactylus* (Monogenea) species parasitising British salmonids: Light microscopy based studies. *Systematic Parasitology* 33(2), 115-125.
- ☐ **des Clers, S.**, C. Nolan, R. Baranowski and J. Pompert, 1996. Preliminary stock assessment of the Patagonian toothfish longline fishery around the Falkland Islands. *J. Fish Biology* 49 (Supp. A): 175-181.
- ☐ **des Clers, S.**, 1995. Structural adjustment of the European fishing fleet. Leaflet WWF-UK, 3 pp.
- ☐ Andersen, K., **S. des Clers**, and T. Jensen, 1995. Aspects of the sealworm *Pseudoterranova decipiens* life-cycle and seal-fisheries interactions along the Norwegian coast *in* A.S Blix, L. Walloe and Ø.Ulltang (eds), Whales, seals, fish and man. Elsevier Science B.V.: 557-564.
- ☐ **des Clers, S.** And K. Andersen, 1995. Sealworm (*Pseudoterranova decipiens*) transmission from Hvaler, Oslofjord, Norway. *J. Fish Biology* 46: 8-17.
- ☐ **des Clers, S.**, S. Cunningham and P. Howgate, 1994. Reinforcement of the Mauritanian National Fisheries Research Institute (Centre National de Recherches Océanographiques et des Pêches), MRAG Ltd Report to République Islamique de Mauritanie, 81p (in French).
- ☐ **des Clers, S.**, 1994. Sampling to detect infections and estimate prevalence in Aquaculture. Pisces Press, Stirling, Scotland 58pp.
- ☐ Jensen, T., Andersen, K., **des Clers, S.**, 1994. Sealworm infections in demersal fish from two areas in Norway. *Can. J. Zool.* 72(4): 598-608.
- ☐ Siddall, R. and **S. des Clers**, 1994. Effect of sewage sludge on the miracidium and cercaria of *Zoogonoides viviparus* (Trematoda, Digenea), *Helminthologia* 31: 143-153.
- ☐ **des Clers, S.**, I.J. Winfield, J.M. Fletcher, G.P. Kirkwood, P.R. Cubby and J.R. Beddington, 1993. Further analysis of the long-term Windermere perch and pike data. Institute of Freshwater Ecology Report to MAFF, 50p.
- ☐ **des Clers, S.**, 1993. Modelling the potential impact of disease-induced mortality on the population size of wild salmonids, *Fisheries Research* 17: 237-248.
- ☐ Sarley, D. and **S. des Clers**, 1993. Appraisal and proposed reform of the fiscal system for the Mauritanian Fisheries Sector. Maxwell Stamp plc Report, to République Islamique de Mauritanie, 106p (in French).
- ☐ Bray, R.A. and **S. des Clers**, 1992. Multivariate analyses of metrical features in the *Lepidapedon elongatum* (Lebour, 1908) species-complex (Digenea, Lepocreadiidae) in deep and shallow water gadiform fishes of the NE Atlantic. *Systematic Parasitology* 21: 223-232.
- ☐ **des Clers, S.**, 1991. Functional relationship between sealworm (*Pseudoterranova decipiens*, Nematoda, Ascaridoidea) burden and host size in Atlantic cod (*Gadus morhua*). *Proc. R. Soc. Lond. B* 245: 85-89.
- ☐ Lorenzen, K. **des Clers, S.** and Anders, K., 1991. Population dynamics of lymphocystis disease in estuarine flounder (*Platichthys flesus*). *J. Fish Biology* 39(4): 577-587.
- ☐ **des Clers, S.**, 1991. Models for a *Bonamia ostrea* epidemic in a cohort of cultured European flat oysters *Ostrea edulis*. *Aquaculture* 93: 253-262.
- ☐ **des Clers, S.** and Wootten, R., 1990. Modelling the population dynamics of the sealworm *Pseudoterranova decipiens*. *Neth. J. Sea Res.* 24: 291-301.

- ☞ **des Clers, S.**, 1990. Modelling the life-cycle of the sealworm (*Pseudoterranova decipiens*) in Scottish waters in W.D. Bowen [ed.] Population biology of the sealworm in relation to its intermediate and seal hosts. Can. Bull. Fish. and aquat. Sci. 222: 273-288.
- ☞ **des Clers, S.** and R. Mohn, 1990. Models Group Report, in W.D. Bowen [ed.] Population biology of the sealworm in relation to its intermediate and seal hosts. Can. Bull. Fish. and aquat. Sci. 222: 255-260.
- ☞ **des Clers, S.** 1989. Modelling regional differences in 'sealworm' *Pseudoterranova decipiens* (Nematoda, Ascaridoidea) infections in some North Atlantic cod, *Gadus morhua*, stocks. J. Fish Biology 35 (Suppl. A): 187-192.
- ☞ **des Clers, S.**, 1985. Contribution to the population biology of pike (*Esox lucius*). Estimation of mortality and recapture probabilities using log-linear models (in French), Thèse de 3ème cycle, Univ. Lyon I, 150p.
- ☞ **des Clers, S.** and J. Allardi, 1983. Natural reproduction and survival of stocked fish in the river Seine upstream Paris (in French), in Billard, R. ed., *Le Brochet (Esox lucius)* (in French). INRA Publ., Paris: 297-303.
- ☞ Chahuneau, F., **des Clers, S.** and J.A. Meyer, 1983. Analysis of prediction uncertainty by Monte-Carlo simulation in a non-linear least-squares estimation of a vertical transport sub-model for Lake Nantua (France). in Beck, M.B. and G. van Straten (eds), *Uncertainty and Forecasting of Water Quality*. Springer-Verlag: 183-203.
- ☞ Chahuneau, F. and **S. des Clers**, 1980. Food-web models in pond aquaculture (in French). in Billard, R. ed., *La Pisciculture en étang*, INRA Publ., Paris: 129-138.
- ☞ Chahuneau, F. **des Clers, S.** and J.A. Meyer, 1980. Simulation models in Lake Ecology. Review and analysis of different approaches (in French). *Acta Oecologica, Oecol. generalis* 1(1): 27-50.
- ☞ Chahuneau, F. and **S. des Clers**, 1979. Mathematical models and control of eutrophication in lakes (in French). in *L'Eau, La Recherche et L'Environnement*: 61-71. Ministère de l'Environnement Publ., Paris.