

NAME: Daniel E Lane, B.Sc., M.A.Sc., Ph.D.
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ROLES: C-Change Co-Director (Canada)
Director, C-FOAM
Chair, Ocean Management Research Network

DISCIPLINES: Management Science, Decision Theory,
Systems Modelling Simulation

KEYWORDS: Fisheries and Oceans Management Research,
Adaptive Strategy Evaluation



RESEARCH INTERESTS:

Professor Lane has been Full Professor at the Telfer School of Management since 1995 where he is active in supervising graduate students in Systems Science. Lane's research interests include decision-making processes, simulation modelling and control of dynamic systems, especially in the area of natural resource management and commercial fishing and aquaculture. He is currently involved in ongoing research on fisheries management and aquaculture decision making strategies, and strategic planning in Atlantic Canada and internationally. As Co-Director of the C-Change project, he oversees the application of research to assisting coastal communities to prepare for coastal environmental changes, and in particular, the development and evaluation of adaptive strategies for community preparedness. He is recipient of numerous research grants including the Natural Sciences and Engineering Research Council (NSERC) of Canada Individual Operating and Discovery Grants (since 1986), Network Investigator to the National Centre of Excellence on Aquaculture, AquaNet (2004-2005), and Principal Investigator and Chair of the Oceans Management Research Network (OMRN), a Joint Initiative Program of the Department of Fisheries and Oceans and the Social Science and Humanities Research Council of Canada (SSHRC) (since 2005).

BIOGRAPHY:

Lane's professional activities have included Vice-Dean and Associate Dean (Research) (1997-1999), Director of the Master's Programme in Systems Science (1990-1997), and Coordinator of the Management Section of the Telfer School of Management (2001-2004). He is a member of working groups on stock assessment and fisheries management plans for the Department of Fisheries and Oceans. From 1998 to 2003 he was appointed by the Minister of Fisheries and Oceans to the Fisheries Resource Conservation Council (FRCC) where he has acted as Chair of the Scotia-Fundy Ecosystem Team, Chair of the Gulf of St. Lawrence Ecosystem Team and member of the Executive Committee of the FRCC. In 2002 he was appointed by the Minister of Foreign Affairs and International Trade as a member of the Fish and Sea Products Sectoral Advisory Groups on International Trade (SAGIT). He was also appointed by the Minister of the Environment to the Species at Risk (SAR) Shareholders' Advisory Committee (since Spring 2004). Professor Lane is a member of the Canadian Operational Research Society (CORS), the Institute for Operations Research and Management Science (INFORMS), and the Natural Resource Modelling Association (NRMA). He lives in Ottawa with his wife Patricia (Tyrrell) Lane of Arichat, Nova Scotia. They have four children: Tim, James, Sarah and Jenna.