About the Contributors

Esharenana E. Adomi holds BEd, MEd. MLS and PhD degrees. He attended University of Ibadan, Ibadan and Delta State University, Abraka both in Nigeria. He was secretary of Nigerian Library Association(NLA) 2000 – 2004 and currently the chairman, NLA, Delta State Chapter. He was Acting Head, Department of Library and Information Science, delta State University, Nigeria. January 2008 – February 2009. He received the 2004 Award for Excellence of the Most Outstanding Paper published in *The Electronic Library*, 2003 volume with an article entitled: "A survey of cybercafés in Delta State, Nigeria" co-authored with two other colleagues. He is a member of Editorial Advisory Board, *The Electronic Library*, previously contributing Editor, *Library Hi-Tech News* and currently the editor of Delta Library Journal. He has published over 45 articles in reputable national and international journals, chapters in books and two textbooks. He is also the editor of *Security Software for Cybercafes* and *Handbook of Research on Information Communication Technology: Trends, Issues and Advancements* – published 2008 and 2010 respectively by IGI Global, Hershey, PA. His interests lie in ICT policies, community informatics, information/internet security, Internet/web technology and services, and application of ICTs in different settings.

Edwin I. Achugbue is a lecturer in the Department of Library and Information Science, Delta State University Abraka, Nigeria. He holds a Diploma in Library science, B.Sc (Ed) in Library Science, M.Sc in Library and Information Science. He is currently a PhD student in the Department of Library and Information Science, Delta State University, Abraka, Nigeria.

C. E. Akporido is the Librarian of the College of Health Sciences, Delta State University, Abraka, Nigeria. She holds an MLS from University of Ibadan, Nigeria. Her research interests are in information needs, resources and seeking behaviour

C.Annamalai is an Indian working as an Information & Communication Technology (ICT) Specialist in SEAMEO RECSAM, Penang, Malaysia. He has published articles on ICT in the national and international journals. He is a peer reviewer of International Journal on Education using ICT (IJEDICT) and Journal of Information Systems Education (JISE). He is having a total of twenty years of experience in Information Communication Technology teaching at the University level as well as worked as Projects Manager, Systems Manager in the software industry. He is currently pursuing a PhD in Technology Management focusing on Enterprise Resource Planning (ERP) systems. **Okon E. Ani** is academic librarian, currently, the Head of Systems Development, University of Calabar Library, Calabar, Nigeria. He holds, B.Sc.(Hons) and M.Sc. degrees in Physics from University of Calabar, Calabar, Nigeria, and M.Inf.Sc. (Masters in Information Science) from University of Ibadan, Ibadan, Nigeria. He has published widely in both local and international journals. He has research interest in Information and Communication Technology and its applications in libraries, IT use, and digital/ virtual libraries.

Udo Averweg is employed as an Information Technology (IT) Research Analyst at eThekwini Municipality, Durban, South Africa. He entered the IT industry during 1979 and holds a Masters Technology degree in Information Technology (cum laude), a second Masters degree in Science from the University of Natal and a third Masters degree inCommerce from the University of KwaZulu-Natal, South Africa. As an IT practitioner, he is a professional member of the Computer Society of South Africa. He has published more than100 research outputs: some of them have been delivered at local conferences, some haveappeared as chapters in textbook and some research findings have been presented atinternational conferences on all five continents. Udo has recently been appointed as anHonorary Research Fellow at the University of KwaZulu-Natal. South Africa. DuringJanuary 2000 Udo climbed to the summit of Africa's highest peak, Mount Kilimanjaro(5,895 metres), in Tanzania.

Sandra Babatope Ihuoma holds a Bachelors degree in Library Science from Delta state University, Abraka Nigeria and Masters Degree in Library and Information Science from Delta State University, Abraka Nigeria. She is an Associate member of Chartered Institute of Library and Information Professionals (CILIP) United Kingdom. She has worked in special libraries such as the Nigerian Navy Engineering College (NNEC) Library and Nigerian Stored Products and Research Institute (NSPRI).Her interest is in library automation, cyber security, library consortium, database management system, application development, surveillance system technology, networking, knowledge management, information and communication technology (ICT) and its application to the library and modern society.

Carol Azungi Dralega is a Senior Researcher with Western Norway Research Institute. She obtained her PhD and Master of Philosophy degrees from the department of Media and Communication, University of Oslo in Norway and a B.A. Arts (Hons.) in Mass Communication from Makerere University, Uganda. She has previously worked as a journalist, sub-editor, lecturer and research consultant.

Margaret B. Edem is currently Senior Librarian and Head of Resource Development, University of Calabar Library, Calabar, Nigeria.

Nelson Edewor is a practicing librarian with Delta State Polytechnic, Ozoro, Delta State, Nigeria. He had his university education at Delta State University, Abraka, Nigeria, where he earned a B.Ls in library science and an M.Sc in library and Information Science. His research interest covers library and Information science policies; knowlege management; database administration; information needs; virtual learning; corporate governance; strategic information management and information handling and seeking behaviour. Nelson Edewor has published various scholarly articles in reputable national and international journals. He had served in various capacities, ranging from; e-library manager; reader services librarian, knowledge manager and and reference services librarian. He is currently the Technical services Librarian at the Delta State Polytechnic Library, Ozoro, Delta State, Nigeria. He is a Consultant to the Local Government on Library and Information Sevices.He is a member of the Nigerian Library Association as well as Associate of the Institute of Strategic Management, Nigeria. Edewor was the Immediate past

assistant secretary of the Nigerian library Association, Delta State Chapter, Nigeria

Geoff Erwin is currently a Director of The Information Society Institute (TISI), based in Cape Town, South Africa. He has worked for and with government, Universities and corporates in Australia, UK, Europe, United States of America and Africa. He has been in many roles related to ICT and socio-economic development, including programmer, systems analyst, system integrator, project manager, software developer, regional manager for an international computer services company, Dean of a University Faculty and Director of a Research Centre. He has written several ICT textbooks, many refereed journal and conference papers and book chapters. His current research interests are the social appropriation of ICT for local benefit and the development of e-skills for an inclusive Information Society. He has never climbed Mount Kilimanjaro.

Swapneshwar Goutam is final year law scholar at Hidayatullah National Law University, India, expected BA LLB. Hons. 2010. He holds D.C.A., Diploma in Computer Applications from Rashtriya Computer Saksharta Mission, (Visakhapatnam, A.P) He is a member of the International Human Rights Defense Organization, Norway. He won fifth position in an international essay competition conducted on 'Human rights', by International Human Rights Defence organization, Norway july/2008. He participated in international conferences organized by WTO, WHO International Social Security Association, Kosha and other repute law related forums.He has contributed to round table forum on, How to prevent and identify the needs and solutions? , by European Affairs Delegate, Accor Services and also being consulted to review manuscripts for reputed, "The African Journal of Business Management". He is an author of sixteen articles on the legal issues published in national and internationally repute peer reviewed journals and also authored a chapter entitled Unregistered Trademark and Practices, to be published in an ensuing book entitled 'Burden of proof'. Mr. Goutam received a letter of appreciation for real contribution to the important topic of constitution and cyber law from eminent Jurist MR. K K Venugopal, Padma Bhushan, Senior Council, Supreme Court of India.

Helena Grunfeld has over 30 years experience in the ICT sector in Australia, working for the incumbent telecommunications operator Telstra, and participating in the establishment of a new carrier, Uecomm. She has also completed numerous consulting assignments for various organisations, including co-authoring a book on number portability with Ovum and working on project related to costing and pricing through the International Telecommunication Union for the regulatory authority, ARCOM in Timor Leste. Helena has an undergraduate degree from the School for Social Work and Public Administration in Lund, Sweden and completed a Master of Business Administration at the Royal Melbourne Institute of Technology in 1989. She is now a research scholar and PhD candidate at the Centre for Strategic Economic Studies at Victoria University, Melbourne, Australia. The conceptual framework presented in this chapter forms the core of her thesis.

Sriram Guddireddigari is currently pursuing a PhD around the development of a framework for understanding the nexus between information and communications technologies and the social networks of Indian migrants in France. This follows a Masters in Electrical Engineering specialising in wireless and mobile communications from Columbia University and a Bachelors in Electrical Engineering from the University of Melbourne. Professionally, he has been involved with Infoxchange Australia as projects officer where he developed the sustainability of initiated social enterprises, assisted in the design and development of a mesh wireless community network, and organised a community technology conference. Before that, he was involved with Engineers Without Borders Australia in coordinating their

international Information for Development projects and in spearheading a computer training program assisting refugees. He has also worked with Midas Communication Technologies first in their business development division and then as product manager on an end user Internet access device

Basil Enemute Iwhiwhu is a lecturer in the Department of Library and Information Science, Delta State University, Abraka, Nigeria. He holds a B. Sc Ed honours (Chemistry) and a Master degree in Library, Archival and Information Studies from the University of Ibadan, Ibadan, Nigeria. He also holds a Diploma in Computer Science. His area of research interests are Archives and Records Management, Information Management, Knowledge Management, ICT Application to Information Resources and Services. He is a member of the Nigerian Library Association (NLA) and the current Public Relations Officer of the Delta State Chapter of this professional body.

Vijay Kumar has a Diploma Computer Engineering from the Institute of Jeevana Jhothi, Chennai, and a Diploma of Advanced Systems Hardware and Networking from the Institute of SISI, Pondicherry. He is currently working with The East West Foundation of India as a systems administrator, conducting computer classes and maintaining systems hardware, networking and is also monitoring the educational software for children in the community. Vijay is currently pursuing a Bachelor of Computer Science at Madras University through distance learning.

Benita Marian is an Honorary Consultant for the East West Foundation of India (TEWFI) and has been actively involved in coordinating the activities in the community through the Post Tsunami Health Care and Research Project from 2005-2009. She is also an Honorary Advisory Committee Member for the Uluru Children's Home. Her involvement in the current research is because of her interest in the development of marginalised communities and in the role of ICT education in the empowerment of the rural community. Benita Marian has a doctorate in Social Work and is at the faculty in Social Work in Stella Maris College at Chennai, India. She is a Member, Board of Studies in Social Work at the University of Madras. She is an external examiner for Pre – Doctoral and Doctoral theses. She also coordinates a project 'Towards a More Connected World - Piloting an Innovative Indo-US Professional Exchange Programme', which makes use of Web based technology to connect students in the USA and India for interactiive exchanges as part of a course.

Stephen M. Mutula is an associative professor in the Department of Library and Information Studies, University of Botswana where he serves as the head of department. He holds a PhD in information science (University of Johannesburg, South Africa), Master's degree in information science (University of Wales, UK), Postgraduate diploma in computer science (University of Nairobi, Kenya) and Bachelors degree in Education-Mathematics and Chemistry (Kenyatta University, Kenya). He has published extensively in international refereed journals and books. He is a first co-author of a book titled: *Web information management: A cross disciplinary textbook* published by Chandos Publishing, London, 2007. He is also the author of 'Digital Economies: SMEs and E-readiness published in 2009 by IGI. He is an honorary research fellow of the University of Zululand, South. He has won several international excellence awards for his extinguished research work from various academic societies and such as the Emerald Literati Club (UK).

Alex Ozoemelem Obuh holds a Bachelors degree in Computer Science, Masters degree in Library and Information Science plus professional certification in database management system. He attended University of Benin, Benin City, Nigeria and Delta State University, Abraka, Delta State, Nigeria. He has published book chapters and several articles in both national and international journals. He has

About the Contributors

participated as lead lecturer in seminars and workshops. He has worked in several IT firms and is currently a Programmer with the Department of Library and Information Science, Delta State University, Nigeria. His interest is in database management system, application development, system security, web technology, networking, management information systems and artificial intelligence.

John Peter has as Master of Social Work from Madurai, Institute of Social Sciences. He is currently working with The East West Foundation of India as a social worker, organising community health and development activities and is also monitoring the education of children in the community attending the local schools. John Peter is currently pursuing a Master of Business Administration at Madurai Kamarajar University through distance learning.

Tracy E. Rhima is a librarian in Delta State University Library, Abraka, Nigeria. She holds B.A (HONS) in French and an MSc (LIS) from Delta State University Abraka, Nigeria. She commenced her professional career as graduate assistant in 2005 with the Delta State University Library, Abraka where she works in the Collection Development Division. She is a member of the Nigerian Library Association (NLA). She has published some articles in the area of Library and Information science.

Ramamurthy Subramanian is an Assistant Professor of Law at the Hidayatullah National Law University, India. He studied international criminal law at the Universities of Leipzig (Germany), Vienna (Austria) and the King's College, London (UK). He previously was with the Terrorism Prevention Branch, Division for Treaty Affairs, United Nations Office on Drugs and Crime (UNODC), Vienna and the School of Technology, Law and Development, West Bengal National University of Juridical Sciences, India. He has special research interests in issues of science and technology law.

Ng Khar Thoe is a Specialist in Research and Development (R&D) Division, SEAMEO RECSAM, Penang, Malaysia. She has the academic/professional qualifications of B.Sc.Ed. (Hons.) (USM), Dip. In H.E.N. and M.Ed. from UK. She has many years of experience in science teaching via ICT integration with involvement in international programmes incorporating R&D activities as resource person. She has contributed to more than 50 research-based publications on Science Education via ICT integration. Some papers were presented in conference/workshop/seminar, published in the conference proceedings, training manuals, book chapters and as articles for national/international refereed journals. She has completed the first doctoral thesis entitled "*Evaluative Studies on Problem-Solving Curriculum with Development and Validation of Tools for Cultural Scaffolding in the Management of Project/Problem/ Programme-based Learning*" from USA. Currently she is completing her second doctoral thesis to study a PBL programme that enhance secondary students' Higher Order Thinking and Motivation under open and distance learning mode.

Sitalakshmi Venkatraman is a Senior Lecturer in the Graduate School of Information Technology and Mathematical Sciences at University of Ballarat. She has 22 years of work experience - in industry, developing turnkey IT projects, and in academics, teaching and researching in a variety of IT topics. Currently, she teaches E-Commerce, IT Project Management and Advanced Software Engineering for the graduate programs. Her current research focus is on Malware and Digital Forensics and she supervises PhD students within the university's Internet Commerce Security Laboratory. She has published several technical research papers in internationally well-known refereed journals. She has peer-reviewed research articles for journals and conferences and has been serving the editorial board of IJCSE. Sitalakshmi Venkatraman is the corresponding author for the chapter 'A Framework for ICT Security Policy Management' and can be contacted at: s.venkatraman@ballarat.edu.au **Wahyudi** Wahyudi is an Indonesian working as a Research and Development Specialist in SEAMEO RECSAM, Penang, Malaysia. He has published research based articles on Science and Mathematics Education in the national and international journals. He is having many years of experience in science teaching and research. He has his PhD in Science Education from Curtin University, Australia and Master of Education from State University of New York, Buffalo. His areas of interest include classroom action research, science education, learning environment and curriculum evaluation. He is one of the editors of the Journal of Science and Mathematics Education in South East Asia, the official journal of SEAMEO RECSAM, Penang, Malaysia.

Mirna Willer is Associate Professor at University of Zadar, Zadar, Croatia since 2007. She worked from 1980 to 2007 as systems librarian, standards officer and senior researcher at the National and University Library in Zagreb, Croatia responsible for implementing UNIMARC bibliographic and authority formats on Library's LIS software, and for incorporating national cataloguing rules into the formats. Among other international body memberships, she was a standing member of the IFLA Permanent UNIMARC Committee since its establishment in 1991 until 2005 (chair of Committee from 1997 to 2005), since then she is its consultant and honorary member. Currently, she is a member of the IFLA Working Group on FRANAR (Functional Requirements and Numbering of Authority Records), the Working Group responsible for the conceptual model FRAD.

David Wilson is a senior officer of the New Zealand House of Representatives. Previously, he has worked in policy roles in the New Zealand's censorship agencies - the Office of Film and Literature Classification and the Department of Internal Affairs. David was an adviser to the parliamentary committee that amended New Zealand's censorship laws in 2004. He has also advised the Independent State of Samoa on modernising its censorship office. David holds Masters degrees in history and management. He has presented conference papers on media regulation and is the author of published papers on that subject. David lives in New Zealand's capital city, Wellington.

Saul F. C. Zulu is a Lecturer in the Department of Library and Information Studies, at the University of Botswana. He holds a Bachelor of Arts degree in Library Studies with Sociology and Political Science from the University of Zambia, Masters degree in Librarianship (IT Applications) obtained from the University of Wales at Aberystwyth, a Masters degree in Archives and Records Management from the University of Denver, Colorado, U.S.A and Masters degree in Librarianship and Information Management from the University of Denver, Colorado, U.S.A. Mr. Zulu has previously worked at the University of Zambia, where he served in various capacities, including as Head of Department of Library and Information Studies at the University of Zambia and Acting University Librarian, University of Zambia Library