

About the contributing authors

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Abdullah Zainol Abidin was ICT Manager at the National University of East Timor. He was responsible for maintaining, managing and supervising the university's IT Training Centre. It is a joint initiative of the Asia-Pacific Development Information Programme, Yayasan Salam Malaysia, UNDP in Timor-Leste and the National University of Timor-Leste. Abdullah graduated from Universiti Teknologi MARA in 1997. He was presented the Best Student for Diploma in Computer Science (Sri Manjung Campus) award at the October 1997 convocation. Abdullah gained his first international work experience in Phnom Penh, Cambodia. He subsequently joined Yayasan Salam Malaysia and was posted to Timor-Leste for a year from 2001 to 200, after which Yayasan Salam Malaysia nominated him as a United Nations Volunteer in Timor-Leste. Abdullah returned to Malaysia in 2004 and now works for a private sector company in Kuala Lumpur.

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Danny Butt is an independent consultant and researcher in the new media, arts and education fields. Previously, he was founding Director of the Creative Industries Research Centre at the Waikato Institute of Technology, Hamilton, where he also lectured in digital media and established the Digital Media Design programme. Before working in the academy, Danny held a range of positions in the music, publishing, new media, contemporary arts, and advertising industries, including consulting and strategy work for leading Australasian media companies such as The Radio Network, Saatchi and Saatchi New Zealand, and the Australian Broadcasting Corporation. He currently serves as Chair of the Place, Ground and Practice Working Group for the Pacific Rim New Media Summit, International Symposium of Electronic Arts in San Jose, 2006. His research interests centre on the social impact of new media technologies; colonisation and settler culture; and the development of the creative industries sector in the Asia-Pacific region. More information is available from his personal website: <http://www.dannybutt.net>

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practise of participatory development communication and continues to learn from communities across the Asian region who are active participants and practitioners in this area. He also takes part in the working groups of a number of communities of practice related to development and serves on the editorial boards of several international publications.

John Yat Chu Fung

John Fung is a hybrid of social service and ICT. He has been practicing as a social worker since graduating with a Bachelor in Social Work. His subsequent computer science qualification and experience has equipped him as a forerunner of ICT application in social services. His doctoral thesis is about empowerment of senior persons via exposure to ICT. Dr Fung is the Director, Information Technology Resource Centre of the Hong Kong Council of Social Service (HKCSS), a unit he founded to develop ICT capability of civil society organizations. He is Honorary Research Associate to a range of digital inclusion research projects in the University of Hong Kong. He has also lectured in a number of overseas and local universities about ICT and society. Dr Fung represented the HKCSS and its 300 member organisations in global and regional WSIS processes and is the main coordinator for local responses to WSIS. He founded a Digital Solidarity Fund to finance local digital inclusion initiatives and is managing the Fund's secretariat office. He is also a founder of a popular senior person portal <http://www.cybersenior.org.hk>. Dr Fung is a married Catholic with a son who prefers Bee Gees and volleyball to computer games and programming.

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He was one of the key persons who drafted the Singapore Electronic Transactions Act, its Regulations and Security Guidelines, the Evidence (Computer Output) Regulations and the Amendments to the Computer Misuse Act. He continues to be involved in various inter-ministry working committees on the legal and policy matters relating to IT and e-commerce. E-mail: seowhiong@yahoo.com.sg.

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Lelia Green is Professor of Communications and Associate Dean, Research and Higher Degrees, in the Faculty of Communications and Creative Industries, Edith Cowan University. She is author of *Technoculture*, Allen & Unwin (2002), and is an editorial board member of *Media International Australia* incorporating *Culture and Policy* and the *Australian Journal of Communication*. Together with Professor Robyn Quin, Donnell Holloway, Linda Jaunzems and Jack Seddon, Lelia has just completed a three-year study into the Internet and Australian family life, funded by the Australian Research Council.

Nalaka Gunawardene

Nalaka Gunawardene started his career as a science writer and journalist with Sri Lanka's print and broadcast media. He has written and broadcast extensively on science and technology issues. He has also served as a United Nations consultant, media researcher, television commentator and columnist. He now heads TVE Asia Pacific, a regionally operating non-profit media organization. He has twice won the prestigious Science Writer of the Year award presented by the Sri Lanka Association for the Advancement of Science. Email: alien@nalaka.org

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Samudra Haque is a US-educated engineer and an entrepreneur in the Bangladesh ICT industry. He has a background in computer science and satellite and terrestrial communications engineering. Samudra established PraDeshtaNet, which was instrumental in connecting Bangladesh to the Internet in 1993. He is presently involved in research and development of a new network architecture for a broadband multi-service wireless/wired network. His career over the past 17 years has been in ICTs and focused on data communication. He has worked on projects in the USA, Asia, Africa and the Middle East. Samudra has led small teams of engineers to design, develop, deploy, test commission, operate and manage satellite, microwave and DSL telecommunications networks.

Jong-Sung Hwang

Dr Jong-Sung Hwang is Executive Vice President at the National Computerization Agency (NCA) of Korea. He received his PhD in political science from Yonsei University in 1994 and joined NCA in 1995. His main responsibility is the development of national IT strategies and ubiquitous services. Dr Hwang is also responsible for promoting applications of new technologies such as RFID and webservice. He is also currently the president of the Korea RFIS/USN Center and the chief director of the U-City Forum.

Malika Ibrahim

Malika works at the Ministry of Communication, Science and Technology, Maldives and is in charge of the Information Technology section. Her work is mainly related to ICT policy and community based ICT initiatives. Her current work includes a project related to ICT enabled community development centres powered by renewable energy. Other projects she has completed include the Island Community Portal which enables island communities to upload and manage the content of a web portal for exchange of knowledge and information between different islands; the Content Digitization project which distributes locally developed information to island communities; and guidebooks in the local language and in English for the establishment and sustainability of Multipurpose Community Telecenters. Malika received the National Award for Special Achievement from the President of Maldives in 2003. Prior to joining the public sector, Malika worked in the private IT sector for more than three years. She also lectures part-time at the Faculty of Management and Computing, Maldives College of Higher Education.

Keisuke Kamimura

Keisuke Kamimura is a senior research fellow of the Center for Global Communications (GLOCOM). His major research interest is the interaction of language policy and ICT, but he is also engaged in research projects on other aspects and impacts of ICT, such as the restructuring of telecommunications industry, radio spectrum allocation policy, and digital divide. His recent publications include, 'Pasokon tuusin to intaanetto ni miru netto komyuniti no sinka' (Evolution of net community from a perspective of PC communication and the Internet) and 'Sohutouea no rookaraizeesyon ni okeru netto komyuniti no yakuwari' (Net community and its role in the localisation of software) in Harada and Tutiya (eds.) *Netto tunagari* (Association by Computer Network), October 2004 (NTT Publication), 'Ziturei de manabu metadeeta (Understanding metadata from practice)' XML Magazine 05, June 2001 (Shoeisha), 'XML no

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Huixin Ke

Dr Huixin Ke is Professor at the Communication University of China. She graduated from Beijing University and received her doctor's degree from Kyushu University in Japan. She is a well-known expert in statistics, sampling survey and marketing research in China. Her main publications include topics relating to "Marketing Research and Analysis", "On Public Opinion Research – An Applied Orientation", "Methods of Statistical Analysis in Survey Research", "Statistics in Daily Life" and "Statistics in Communication Research". She is now President of the China Marketing Research Association.

Khin Aye Win

Khin Aye Win is a director of Myanmar World Distribution Co., Ltd, one of the leading IT companies in Myanmar. She graduated with a masters' degree in computer science in 2000 from the University of Computer Studies, Yangon. She has been working in the areas of IT management, software development, smart card solutions, technology planning and networking for more than eight years. She oversees various aspects of her company's business ranging from identifying solutions to product development. She is also the treasurer of the Myanmar Computer Professionals Association.

Norbert Klein

1934 born in Yugoslavia. 1945 expelled to Germany. 1962 to 1972 in Japan, then back in Germany. Since 1990 in Cambodia where he created the first dial-up Internet connection from Cambodia in 1994, established the ".kh" country domain in 1996 and administered it until 1998. All this while experiencing the digital divide – often "falling through the Net". In 1999 he joined the Non-Commercial Constituency in ICANN. Since 2000 he has been involved in the standardisation of the Khmer script on computers, followed since early 2004 by the creation of a Khmer Open Source Software Initiative, creating Khmer UNICODE based free software. He is at present advisor to the director of the NGO Open Forum of Cambodia and the editor of a weekly press review of the Khmer language press, which is circulated in English and Khmer.

Hugh Thaweesak **Koanantakool**

Dr. Thaweesak received his bachelor's degree in electrical engineering and PhD in digital communications from the Imperial College of Science and Technology. He had taught, since 1981, at the Prince of Songkla University and Thammasat University before joining the National Electronics and Computer Technology Centre (NECTEC) in 1994. In 1986, Thaweesak played a central role in defining the standard code for the Thai language on computers. He was the key person behind the establishment of the first Internet connection in Thailand. He was appointed Director of NECTEC as well as the Executive Secretary of the National IT Committee (NITC) in July 1998. The work with NITC involved the IT Policy Framework for Thailand 2002–2010 (IT-2010) and the first National ICT Masterplan for 2002–2006.

Emmanuel C. **Lallana**

Emmanuel C. Lallana, PhD is currently with the Commission on Information and Communications Technology – the apex ICT body of the Philippine government. Previously he worked as a consultant conducting research and training on ICT for development issues in Southeast Asia. In 2004 his monograph entitled *SMS in Business and Government in the Philippines* was published by ICT4D.ph – a project of the Philippines Department of Science and Technology and the Canadian International Development Agency.

Shelah D. **Lardizabal**

Shelah Lardizabal is Programme Officer of the Asia Pacific Economic Cooperation (APEC) Business Advisory Council (ABAC) Secretariat. She is also Project Manager for the Foundation for Information Technology Education and Development (FIT-ED), established to increase IT awareness in the Philippines and to contribute to the effort to enable Philippine society for the Information Age. FIT-ED acted as the Secretariat of the e-ASEAN Task Force, an advisory body to ASEAN on enhancing the region's competitiveness through developing information and communications technology (ICT) competencies among its 10 member countries, from 1999 to 2002. Shelah was part of the secretariat team. She has a MA in Asian Studies from the University of the Philippines.

Ching-Yi **Liu**

Ching-Yi Liu is Associate Professor of Law at the Graduate Institute of National Development, National Taiwan University. Ms Liu also serves as a commissioner on Taiwan's Consumer Protection Commission and Central Election Commission. Prior to joining the institute in 2004, she taught as an assistant professor of law at Tamkang University for two years and as an associate professor of law at the Graduate Institute of Industrial Economics, National Central University for five years. Ms Liu graduated from the Law Department of the National Taiwan University in 1989 and received her first Masters degree of Law from the Graduate Institute of Law at the same university in 1993. Her studies in the USA from 1993 to 1997 was sponsored by a scholarship from Taiwan's government. She received an LLM from Harvard Law School in 1994 and a JSD from the University of Chicago Law School in 1997. Ms Liu's current research and publications focus on the regulation of cyberspace, technology and law, and anti-trust law, among others.

Muhammad Aimal **Marjan**

Aimal Marjan is the National IT Advisor to the Ministry of Communications, Afghanistan, where he consults for the minister in areas such as ISP licensing, Internet exchanges, CCTLD and general capacity building issues in the ministry. He is working on the establishment of the National ICT Council of Afghanistan and the National Data Centre, and the implementation of pilot e-government in the Ministry of Communications, the Ministry of Finance and the Central Bank. Prior to joining the ministry he served as IT Advisor to the Director of the Afghan Assistance Coordination Authority (AACA). He was the project manager of GDLN, a World Bank project, which provided eight government offices with Internet and intranet facilities. He is the founder and President of the Afghan Computer Science Association which was founded in 1999. Mr. Marjan was also the Technical and Academic Advisor of the Computer Science Department of the Islamic University for Science and Technology (IUST), Jalalabad, Afghanistan. The main goals achieved while he was at IUST were the establishment of the department, the design of the curriculum and student lab, conducting the first entry test and providing intensive training to the staff of the university on basic computer studies. He remains very close to the academe; he used to be a visiting faculty member of the Economic Department of IUI and is now a visiting faculty member of the Computer Science Department, Kabul University.

Jamshed Masood

Jamshed Masood is an engineering graduate and has worked in the ICT sector since 1995, focusing on regulatory and policy issues. Jamshed was part of the team that launched the Pakistan Telecommunication Authority in 1995. He played an instrumental role in enabling the introduction of the Internet in Pakistan in 1996. From 2000-2004, Jamshed worked extensively on the IT and telecommunications sector policy restructuring and reform process undertaken in Pakistan. Jamshed was part of the team entrusted with implementing the IT Policy and Action Plan adopted by the government in 2000. He co-steered the process of implementing the deregulation of the telecommunications sector and formulating the necessary enabling measures from early 2002. He has worked in the industry, since August 2004, setting up a long-distance international (LDI) carrier company and has recently moved to TCL, the largest private-sector integrated telecom company in Pakistan, as the head of their LDI operations.

Onno W. Purbo

Onno W. Purbo has withdrawn from the Indonesian civil service and retired as a lecturer. He is a maverick driven by a simple vision of an Indonesian knowledge-based society. Onno has been spending most of his time writing thousands of articles and more than 30 books on Internet technology, mostly in the Indonesian language, in an attempt to educate Indonesians on ICT. He has also introduced several alternative Internet technologies, which have been adopted by Indonesian ICT communities. The technologies include WiFi-based Internet infrastructure and VoIP MaverickNet. All of his articles are "copylefted" and can be freely downloaded from <http://www.bogor.net/indkf> and <http://www.apjii.or.id/~voipmerdeka>.
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Mr. Sushil Pandey has a master's in computer science from the Asian Institute of Technology, Bangkok. He was working as a systems analyst at the Regional Computer Centre of the institute prior to joining the International Centre for Integrated Mountain Development (ICIMOD). He is currently the ICT Specialist at ICIMOD and works with a team dealing with information and knowledge management which promotes, manages and enables the use of ICT for mountain development. He has a number of years of experience in ICT technologies and has been following its development in the region in terms of policies, useful technologies and information for development, including spatial information.
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Adam Peake

Adam Peake is an Executive Research Fellow, Center for Global Communications (GLOCOM), International University of Japan. Adam has been living in Japan since 1989 and joined GLOCOM, a Tokyo based research institute in April 1993. His interests are the intersection of public policy and the Internet, and promoting ICT in society. Adam participated in the G8 DOT Force where GLOCOM was the Japanese NGO representative. Adam has co-led GLOCOM's work on WSIS, including GLOCOM's role as facilitator of NGO/Civil Society participation in the Asia and Pacific Regional WSIS Conference, January 2003, and WSIS thematic meeting "Tokyo Ubiquitous Network Conference" (<http://www.wsis-japan.jp>) in May 2005. He is a coordinator of the WSIS Civil Society Internet Governance Caucus (<http://www.net-gov.org>) and a member of the Public Interest Registry Advisory Council (<http://www.pir.org>). Before coming to Japan, Adam was employed at British Telecom as a project manager working on the interconnection of other licensed operators (cellular radio, radio paging and competitive telephony carriers).

Phonpasit Phissamay

Phonpasit Phissamay is an engineer-economist specialising in management information systems. He has been a staff member of the Science Technology and Environment Agency, Lao PDR, since 1995. He was the manager of the PAN-Laos project, which launched the first e-mail service in the country. Phonpasit Phissamay was appointed director of the Information Technology Centre in 2000. He is presently responsible for ICT R&D, training and services throughout the country. He is also the National Project Director of the Lao Localization Project and at the same time leader of the Natural Language Processing Group conducting research into ways of improved information processing in the Lao language. He has also been appointed as the director of the National Internet Service Center of the Lao National Internet Committee which is operating the National Internet Exchange Point and the ISP serving all government agencies.

Gopi Pradhan

Gopi Pradhan started his career as a trainee officer in a remote district of Bhutan before becoming a trainer in telecommunications technology. He also served as a human resource manager. Gopi was appointed the national project coordinator when the International Telecommunication Union implemented the first telecentre pilot project in Bhutan in 1996. In 2001, he prepared the first report on ICT development in Bhutan for IDRC. He also worked as a freelance ICT

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Eric Sautédé was trained in Paris both in history and political science. He has been living in Asia for the past ten years and was until September 2003 the Chief Editor of the Hong Kong-based current affairs bimonthly *China Perspectives*. He is presently a research fellow at the Macau Ricci Institute and Chief Editor of the institute's bilingual Chinese-English quarterly *Chinese Cross Currents*. His current research covers the development of the Internet and other telecommunication-related issues in greater China. His most recent publications include *Telecommunications in China: Towards a Post-WTO Shock Therapy?* and *The Snares of Modernity: Internet, information and the SARS crisis in China*.

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Yong Chee Tuan

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Esther Batiri Williams

Dr Williams is the Acting Deputy Vice Chancellor at the University of the South Pacific (USP), Suva, Fiji Islands. She has served in various capacities including Pro Vice Chancellor, University Librarian and Director of Planning and Development at the USP and is currently the chair of a number of university committees including ICT Research and Training, University ICT Committee, Staff Development, Gender and Equity Committee, Academic Committee, and Institutes Coordinating Committee. She is on the

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Zaharom Nain is Associate Professor of Communication Studies at the Science University of Malaysia, Penang and head of the Journalism Programme. His areas of interest are the political economy of communication and cultural studies. He is co-editor of *Communication and Development: The Freirean Connection* (2001) and *Who Owns The Media? Global Trends and Local Resistances* (2004). He has taught and conducted research at the University of California, San Diego where he was a Fulbright Professor (1998-99), at the University of Utah, Salt Lake City, where he was a Visiting Professor (2004), and at Sophia University, Tokyo, where he was a Japan Society for the Promotion of Science Visiting Scholar (1995).