

Contributing authors

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Abdullah Zainol Abidin is ICT Manager at the National University of East Timor. He is 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 2002, after which Yayasan Salam Malaysia nominated him as a United Nations Volunteer in Timor-Leste.

Izumi Aizu

Izumi Aizu is Principal of Asia Network Research and Executive Research Fellow of GLOCOM. Born in 1952 in Japan, Aizu spent his early professional life in the printing and international marketing industries before engaging in producing software manuals in the early 1980s. He started to promote PC networking in the mid-1980s and the Internet in early 1990s. He established Asia Network Research in Malaysia in 1997 and in Tokyo in 2000. His research focus is the proper use of the Internet in society, including policy and strategic issues, based on the end-user's viewpoint and value. He is a member of At Large Advisory Committee of ICANN and was a member of the Digital Opportunity Task Force set up by the G8 representing Japanese NPO, as well as an advisory member of the Internet Policy Program at Aspen Institute. E-mail: <izumi@anr.org>.

Danny Butt

Danny Butt is Lecturer in Digital Media and Director of the Media Arts Creative Industries Research Centre at the Waikato Institute of Technology in Hamilton, New Zealand. Before working in the academic sector, his professional career spanned the music, publishing, new media, contemporary arts, and advertising industries; and he has consulted on digital content issues for leading Australasian media companies, including the Australian Broadcasting Corporation, the Radio Network (New Zealand) and Saatchi and Saatchi New Zealand. He is also a facilitator for Fibreculture <<http://www.fibreculture.org>>, Australasia's peak network for Internet research and theory. More information is available from his personal website at <<http://www.dannybutt.net>>.

Claude-Yves Charron

Dr Claude-Yves Charron is Secretary General of ORBICOM and Vice-Rector of Academic and Technological Development at the University of Quebec in Montreal. A former Canadian and United Nations diplomat, he has been a professor of international communication and development for the last 25 years. He has conducted over 60 missions within the Asia-Pacific region.

Chin Saik Yoon

Chin is chair of Orbicom's research and publications committee. He is also the publisher and managing director of Southbound <<http://www.southbound.com.my>>, a publishing house specialising in titles on development information and communication. Chin served on the advisory board of the *World Communication and Information Report* and has been involved in a number of regional and international ICT for development initiatives since the late 1980s.

Goh Seow Hiong

Goh Seow Hiong is practising at the Singapore law firm of Rajah & Tann as an advocate and solicitor. Prior to that, he was in the Singapore public service for ten years. He was Deputy Director of Infocomm Development Policy of the Infocomm Development Authority of Singapore (IDA). He was also Special Assistant to the Chief Executive Officer of IDA and supported her in corporate matters and other pre- and post-merger issues in the creation of IDA. Prior to the creation of IDA in 1999, Goh led a team responsible for the e-commerce initiatives at the then Singapore National Computer Board (NCB), where his group promoted the use of e-commerce to businesses and the public. He was also then Principal Staff to the Chief Executive and Chairman of NCB. 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 actively 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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Robert L. Guild

Dr Robert Guild is an expert on infrastructure investment for social and economic development, a theme he has pursued as a researcher and practitioner in over 20 developing countries. Dr Guild leads the economic infrastructure programme at the Pacific Islands Forum Secretariat, an intergovernmental organisation based in Suva Fiji that covers the Pacific region. He is Chair of the Council of Regional Organisations of the Pacific ICT Working Group, which is responsible for the regional initiative to develop ICTs in the Pacific.

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

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Samudra E. Haque

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 15 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. Currently, his main responsibility is to develop national information strategies and evaluate IT performances. He has managed national projects to draft the informatisation master plans, including Cyber Korea 21 and e-Korea Vision 2006, and carried out research on e-government and online democracy. He is also an executive secretary of the National Informatization Evaluation Committee.

Huixin Ke

Dr Huixin Ke is Professor at Beijing Broadcasting Institute. 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.

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. 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 Lallana

Emmanuel C. Lallana, PhD conducts research and training on ICTs for development issues. He is the lead author of *Business@Philippines.com: Electronic Policy Issues in the Philippines* (1999), *e-primer: An Introduction to Electronic Commerce* (2000) and *e-Government in the Philippines: Benchmarking against Global Best Practices* (2002). Dr Lallana is also the series editor of *ePrimers for the Information Economy, Society and Politics* (April 2003). He has also organised and taught at a number of training programmes on e-commerce and e-government in various Southeast Asian countries. Dr Lallana was Executive Director of the e-ASEAN Task Force from 2000 to 2002 and is currently Managing Consultant of the Foundation for Information Technology Education and Development (Philippines).

Ching-Yi Liu

Ching-Yi Liu is Associate Professor of Law at the Graduate Institute of Industrial Economics, National Central University, Taiwan. She is the supervisor of the Taiwan Network Information Centre and was, until 2002, a member of the Technology Advisory Committee established by the President of Taiwan. Ms Liu also serves as a commissioner on Taiwan’s Consumer Protection Commission. Prior to joining the institute in 1999, she taught as an assistant professor of law at Tamkang University for two 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 National IT Policy Advisor to the Ministry of Communications, Afghanistan, where he consults on areas such as ISP licensing, Internet exchanges, country domain and general capacity-building issues in the ministry. Prior to joining the ministry, he served as IT Advisor to the Director of the Afghan Assistance Coordination Authority. He was also the project manager of GDLN, a World Bank project, which provided eight government offices with Internet and intranet facilities. He is the founder and chairman of the Afghan Computer Science Association, which was founded in 1999. Marjan was Technical and Academic Advisor of the Computer Science Department of the Islamic University for Science and Technology (IUST), Jalalabad, Afghanistan. His main achievements at IUST include the establishment of the Computer Science Department, the design of the curriculum and student laboratory, conduct of the first entry test and intensive training of staff of the university on basic computer topics. He remains very close to the academe; he was a visiting faculty member of the Economic Department of IIUI and is now a visiting faculty member of the Computer Science Department of 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. Since 2000, Jamshed has worked extensively on the IT and telecommunications sector policy restructuring and reform process undertaken in Pakistan. He was part of the team entrusted with implementing the IT Policy and Action Plan adopted by the government in 2000. Since early 2002, he has been co-steering the deregulation of the telecommunications sector and formulating the necessary enabling measures.

Narantsetseg Baljin

Narantsetseg Baljin is President and Chief Executive Officer of InfoCon Co. Ltd, an IT consulting company in Mongolia. She was, prior to this, Marketing Director at Datacom, the first ISP in Mongolia. Her main interest is in promoting the application of ICTs in education and development programmes. Nara is experienced in public relations, marketing, network planning and technical design. Her recent research on Mongolia includes: ISP business development, the knowledge-based economy and the knowledge-based industry. She also participated in preparing the Mid-Term Strategy and Action Plan for Development of ICT in Mongolia, which was approved by the government in 2002. Nara is the project leader of several ICT development projects implemented by UNDP, Soros Foundation, IDRC and the World Bank. E-mail: <narantsg@magicnet.mn>

Onno 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 IT. He has also introduced several alternative Internet technologies, which have been adopted by Indonesian IT 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/idkf>> and <<http://www.apjii.or.id/~voipmerdeka>>. E-mail: <onno@indo.net.id>.

Sushil Pandey

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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. 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 helped to establish the IT training centre and was appointed secretary of the Lao National Internet Committee in 2001, which operates the Lao National Internet Gateway and the government ISP.

Gopi Pradhan

Gopi Pradhan started his career as a trainee officer in a remote district of Bhutan before becoming a trainer in digital 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 is presently a freelance ICT consultant working on such topics as e-post, rural e-commerce, e-government and e-strategies. He is preparing Bhutan’s E-Readiness Report for the Department of Information Technology. He has an MBA with specialisation in IT and finance from the International University of Japan.

Pyone Maung-Maung

Pyone Maung-Maung was elected President of the ASEAN Chambers of Commerce and Industry in July 2002 for a two-year mandate. He is Managing Director of CE Technology and Joint-Secretary of the e-National Task Force of Myanmar.

Nguyen Trung Quynh

Nguyen Trung Quynh is Assistant General Director of the Information Technology Office, Ministry of Science and Technology, Vietnam. He currently conducts research into IT policies and regulations and at the same time participates in the development of policies, plans and strategies for the sector. He is the secretary to the task forces developing IT policies in Vietnam such as Resolution Number 07 of the Vietnam Government on establishing and developing IT Software Industry for the period 2000–2005, Decision Number 128/2000/QD-TTg of the Prime Minister on regulations promoting software development, and Decision Number 95/2002/QDD-TTg of the Prime Minister on approving the Master Plan for IT use and development in Vietnam by 2005.

Madanmohan Rao

Dr Madanmohan Rao is an Internet consultant and writer based in Bangalore, India. He is the editor of two book series: *The Asia Pacific Internet Handbook* and *The Knowledge Management Chronicles*. He is also editor-at-large of DestinationKM.com and contributor to the Poynter Institute blog on new media trends. Madan was on the international editorial board of the recently published book *Transforming e-Knowledge*. He was formerly the communications director at the United Nations Inter Press Service bureau in New York and vice president at IndiaWorld Communications in Bombay. He graduated from the Indian Institute of Technology at Bombay and the University of Massachusetts at Amherst with an MS in computer science and a PhD in communications. He is currently Director of the InfoComm Observatory at the Indian Institute of Information Technology, Bangalore. Madan is a frequent speaker on the international conference circuit, and has given talks and lectures in about 50 countries around the world. He has worked with online services in the USA, Brazil and India. His articles have appeared in DestinationKM.com, the *Economic Times*, *Electronic Markets*, *Economic and Political Weekly*, and the *Bangkok Post*. Madan is on the board of directors/advisors of numerous content and wireless services firms in Asia. He also participates in consultations at UNESCO, IDRC and the Friedrich Ebert Stiftung in India and Nepal. He is the conference chair for India Internet World, India's largest annual Internet business conference, and serves on the conference committees of trade show group Messe Frankfurt in Germany, Singapore-based Asian Media Information and Communication Centre, and the global Internet Society. E-mail: <madan@inomy.com>, <digitalnomad@hotmail.com>.

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Chanuka Wategama

Chanuka Wategama, an electrical and electronics engineer by training, has worked in Sri Lanka's private and public sectors at specialist and senior management levels. He is a regular writer and commentator on ICT issues in the Sri Lankan media. For the past five years, he has also edited *Wijaya Pariganaka*, the country's leading IT monthly in Sinhala. He has twice won the prestigious Science Writer of the Year award presented annually by the Sri Lanka Association for the Advancement of Science. E-mail: <chanuka@hotmail.com>

Pindar Wong

Pindar Wong is Chairman of VeriFi (Hong Kong) Limited. He is one of Asia's early commercial Internet pioneers. He co-founded Hong Kong's first licensed ISP in 1993 and has served as the first Vice-Chairman of ICANN, the At-Large Study Committee, the ICANN Nominating Committee, Chairman of the Asia Pacific Internet Association, Chairman of APRICOT 2000 and Alternate Chair of the Asia Pacific Network Information Centre. He currently serves on the technical advisory board of the Packet Clearing House, the international advisory boards of the UNDP Asia-Pacific Development Information Programme, the advisory board of CDT's Global Internet Policy Initiative and the editorial advisory board of Cisco Systems' *Internet Protocol Journal*. His Internet consultancy is based in Hong Kong.

Yong Chee Tuan

Yong Chee Tuan, BEng (Hons), PhD (Leeds), is Director of the ICT Centre at the University of Brunei Darussalam (UBD). His primary responsibility is to ensure that appropriate ICT resources and services are managed to meet the growing demands of UBD's staff, students and other stakeholders. He is also a senior lecturer in the Department of Management Studies covering operations management, strategic management and IT courses. Dr Yong had worked for consulting and contractor firms prior to joining UBD. He has published and presented more than 30 papers related to ICT and management issues. He was involved in the drafting of the recommendations for the two APEC SME Business Forums held in Brunei and Shanghai. He is a member of the Brunei IT Council. He sits on the E-Government Strategic, Policy and Coordinating Group and contributes to the planning of various e-government initiatives. His current research activities focus on ICT development, organisational performance, e-business and knowledge management.

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Zaharom Nain is Associate Professor of Communication Studies at the Science University of Malaysia, Penang. 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 the forthcoming *Revisiting Media Ownership: Global Trends and Local Resistances*. He has taught and conducted research at the University of California, San Diego where he was a Fulbright Professor, and at Sophia University, Tokyo, where he was a Japan Society for the Promotion of Science Visiting Scholar.