

# ICTs for Global Development and Sustainability: Practice and Applications

Jacques Steyn  
*Monash University, South Africa*

Jean-Paul van Belle  
*University of Cape Town, South Africa*

Eduardo Villanueva Mansilla  
*Pontificia Universidad Catolica del Peru, Peru*

Information Science  
**REFERENCE**

**INFORMATION SCIENCE REFERENCE**

Hershey • New York

<b>Chapter 5</b>	
Digital Doorways .....	96
<i>Kim Gush, Meraka Institute, South Africa</i>	
<i>Ruth de Villiers, University of South Africa, South Africa</i>	
<i>Ronel Smith, Meraka Institute, South Africa</i>	
<i>Grant Cambridge, Meraka Institute, South Africa</i>	

<b>Chapter 6</b>	
Information and Communication Technologies in Administrative Reform for Development: Exploring the Case of Property Tax Systems in Karnataka, India.....	127
<i>Shefali Virkar, University of Oxford, UK</i>	

## Section 2 Cultural and Social Matters

<b>Chapter 7</b>	
Localisation of Indigenous Content: Libraries and Knowledge Centres and the Our Story Database in the Northern Territory .....	151
<i>Jason Gibson, Independent Researcher, Australia</i>	
<i>Brian Lloyd, Researcher, Australia</i>	
<i>Cate Richmond, Northern Territory Library, Australia</i>	

<b>Chapter 8</b>	
Mobile Phones, Diasporas and Developing Countries: A Case Study of Connectedness among Chinese in Italy .....	176
<i>Graeme Johanson, Monash University, Australia</i>	
<i>Tom Denison, Monash University, Australia</i>	

<b>Chapter 9</b>	
“The Men Never Say that They do not Know:” Telecentres as Gendered Spaces .....	189
<i>Dorothea Kleine, University of London, UK</i>	

## Section 3 Mixed Media and Localization

<b>Chapter 10</b>	
Reducing Digital Divide. The Case of the ‘People First Network’ (PFNet) in the Solomon Islands.....	212
<i>Anand Chand, University of the South Pacific, Fiji</i>	

<b>Chapter 11</b>	
Stronger Voices? Experiences in Paraguay with Interactive ICTs.....	248
<i>Claire Buré, The Zoltner Consulting Group, Chile</i>	

**Section 4**  
**Managing ICT4D**

**Chapter 12**

Donor Project Funded ICT Initiatives in the Vocational and Technical Education (VTE)  
Sector of Asian Developing Countries: A Systems Approach to Managing Project Intervention  
Processes ..... 268  
*Channa Wimal Gunawardena, Lancaster University, UK*  
*David H. Brown, Lancaster University, UK*

**Chapter 13**

iREACH: Lessons from a Community Owned ICT Network in Cambodia..... 302  
*Helena Grunfeld, Victoria University, Australia*  
*Seán Ó Siochrú, NEXUS Research, Ireland*  
*Brian Unger, University of Calgary, Canada*  
*Sarun Im, iREACH Project, Cambodia*

**Section 5**  
**Informed Planning and Cooperation**

**Chapter 14**

Why Institutional Partnerships Matter: A Regional Innovation Systems Approach to Making the  
ICT for Development Projects More Successful and Sustainable ..... 330  
*Rajendra Kumar, Ministry of Communications and Information Technology, India*

**Chapter 15**

“Developed in the South:” An Evolutionary and Prototyping Approach to Developing Scalable  
and Sustainable Health Information Systems ..... 351  
*Vincent Shaw, University of Oslo, Norway & Health Information Systems Program, South Africa*  
*Jorn Braa, University of Oslo, Norway*

**Chapter 16**

The Role of Statistics in Development Informatics..... 376  
*Jacques Steyn, Monash University, South Africa*

**Compilation of References** ..... 400

**About the Contributors** ..... 438

**Index**..... 447