About the authors

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**Rodolfo Barrere** acts as Ibero-American Network on Science and Technology Indicators (RICYT) coordinator. He holds a PhD in social sciences, with his thesis on the dynamics and evolution of the production of scientific and technological information. Throughout his career he has dedicated his work to production, management and analysis of scientific, technological and innovation information. Within RICYT, he has focused on the characteristics of indicators production in Ibero-American countries. After several years of work at CAICYT, CONICET’s documentation institute, he developed broad experience in the production of bibliometric indicators. He has taken part in several research projects funded by OECD, UNESCO, IADB, World Bank and the European Union.

**Joanna Chataway** is professor of science and technology policy and head of department of Science, Technology, Engineering and Public Policy (STEaPP) at University College London (UCL). STEaPP is in the Faculty of Engineering and reflects Joanna’s commitment to interdisciplinary and transdisciplinary research and academic work. She has worked for many years in science and innovation policy and at the intersect of academic and policy research. She has held senior positions at the Science Policy Research Unit (SPRU), University of Sussex, RAND Europe and The Open
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**Diego Chavarro** holds a doctorate degree in science, technology and innovation policy from the Science and Policy Research Unit, University of Sussex. Diego is a researcher with an interest in science, technology, and innovation policy, with a particular interest in how scientific knowledge is valued in society. Specifically, he studies the evaluation of research and researchers in non-dominant contexts: communities who use languages other than English for scientific publishing, geographies not considered economic powers, disciplines that have a lower status than the natural sciences, among others. Diego has worked for a range of organisations in the academic, public and civil society domains. This has allowed him to learn their different perspectives on research evaluation. In his work, he puts these perspectives into dialogue to gain a more comprehensive understanding of evaluation practices and suggest how research policies can be improved, using evaluation to develop research capacity.

**Chux Daniels** is a research fellow in science, technology and innovation (ST&I) policy at the Science Policy Research Unit (SPRU), University of Sussex. He holds a doctorate in science and technology policy studies from SPRU, University of Sussex. His research connects ST&I and public policies in ways that contribute to addressing development challenges and fostering transformative change across sectors, systems and societies. His areas of research interest include ST&I, public policies and policy processes, capabilities, policy-making (formulation, implementation, evaluation and governance), research excellence, inclusion in ST&I, entrepreneurship, ST&I indicators and metrics, and technology management. He leads the Transformative Innovation Policy (TIP) Africa hub research project, which involves Ghana, Kenya, Senegal and South Africa.

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**Jean Lebel** was appointed president of Canada’s International Development Research Centre (IDRC) in 2013. As president, Jean leads the centre’s contributions to Canada’s
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Robert McLean is senior programme specialist in policy and evaluation at Canada’s International Development Research Centre (IDRC). He is concurrently a research fellow in the Integrated Knowledge Translation Research Network (IKTRN) based at the Ottawa Hospital Research Institute/University of Ottawa, where he leads research looking at the role funders/donors play in turning innovation into action. Rob’s broad interests lie in understanding how human creativity might help to create a better world. He has worked across the academic, government, private and NGO sectors. He has published these experiences and his work in venues ranging from Nature to the Stanford Social Innovation Review. Rob is a PhD candidate in the Department of Medicine and Health Sciences at Stellenbosch University, South Africa. He holds an MSc from the University of Manchester, England, and two undergraduate degrees, following studies at Carleton University, Canada and the University of KwaZulu-Natal, South Africa.

Enrique Mendizabal is the founder and director of On Think Tanks (OTT). He is a research affiliate at Universidad del Pacifico, as well as fellow and international member of the fellowship council of the Royal Society of Arts. Before founding OTT, he worked for the Overseas Development Institute (ODI) where he headed the organisation’s research into how, and why, research informs development policy. At ODI he co-founded the Outcome Mapping Learning Community and the Evidence-based Policy in Development Network. Enrique is the co-founder of Politics & Ideas, the Peruvian
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Cameron Neylon is professor of research communication at the Centre for Culture and Technology at Curtin University, where he is project lead on the Curtin Open Knowledge Initiative. He is also director of KU Research, and an advocate of open research practice, who has worked in research and support areas including chemistry, advocacy, policy, technology, publishing, political economy and cultural studies. He was a contributor to the Panton Principles for Open Data, the Principles for Open Scholarly Infrastructure, the altmetrics manifesto, a founding board member and past president of FORCE11 and served on the boards and advisory boards of organisations including Impact Story, Crossref, altmetric.com, OpenAIRE, the LSE Impact Blog and various editorial boards. His previous positions include advocacy director at PLOS, senior scientist (Biological Sciences) at the STFC and tenured faculty at the University of Southampton. Alongside his earlier work in structural biology and biophysics, his research and writing focuses on the culture of researchers, the political economy of research institutions and how these interact, and collide with, the changing technology environment.

Annette Lhaur-Yaigaiba Ouattara holds a doctorate in sociology from Université Félix Houphouet-Boigny. She is a senior lecturer at the Université Nangui Abrogoua (Abidjan, Côte d’Ivoire) and an associate researcher at the Centre Suisse de Recherches Scientifiques in Côte d'Ivoire. Since 2008, she has been working at the Programme d’Appui Stratégique à la Recherche Scientifique (PASRES) in Côte d’Ivoire, where she was first the assistant to the executive secretary, then in charge of capacity building and partnerships. PASRES is a collaborative Swiss-Ivorian programme that has become one of the main structures for supporting research and innovation in Côte d’Ivoire, since its inception in 2007.

Falak Raza holds a postgraduate degree in development studies. She has worked with think tanks and development consultancies, and contributed to several research studies in South Asia, focused on accessing elementary education and school choice, maternal and child health and nutrition, marginalisation and social exclusion vis-à-vis rights and entitlements, and women’s safety and security in rural public spaces. A qualitative researcher by choice, she has experience in implementing qualitative methodologies and developing participatory tools, and has published independent articles and opinion pieces on some key issues grappling the Indian subcontinent. Presently, Falak is engaged with the Research Compliance department at the International Center for Research on Women, a global non-profit organisation, where her work has helped set ethical standards for conducting human subject research, keeping in mind the
contextualities of the Global South, and with particular attention to research with disadvantaged and vulnerable groups.

Yaya Sangaré has expertise in two fields: materials science and organisational management. Following the completion of a doctorate in materials physics from Université de Montpellier (France) and graduate degrees from the Institut d’Administration des Entreprises de Poitiers (France), he taught at the Institut National Polytechnique in Yamoussoukro (Côte d’Ivoire) and later joined the Chamber of Commerce and Industry as the director of training and development for executives. He then held various positions in the private sector in Côte d’Ivoire and Burkina Faso. This career path provided him with critical insight into the expectations of industry and allowed him to pursue efforts to build linkages with the research and innovation sectors. Since 2007, Yaya has been the executive secretary of the Programme d’Appui Stratégique à la Recherche Scientifique (PASRES), one of the main structures for supporting research and innovation in Côte d’Ivoire.

Suneeta Singh (MD, DCH) is a medical doctor with postgraduate qualifications in paediatrics and public health from the Lady Hardinge Medical College, India. During more than 30 years in the development sector, she has worked in academics, in bilateral and multilateral funding organisations, and established a research and consulting firm, Amaltas. The Delhi-based Amaltas Consulting Pvt. Ltd. is devoted to developing intellectual capital to accelerate improvements in the lives of people. The organisation’s work on more than almost 70 projects in the past decade has helped bring about programmatic and policy changes in developing countries. A key area of concentration has been research quality and research systems. Suneeta has worked with research funders to study the quality of their projects and portfolios. Her advice has been sought on improvements that could be made in design and implementation, as well as to translate research findings into policy and programmes.

Fajri Siregar is a lecturer at the University of Indonesia and a former director of the Centre for Innovation Policy and Governance (CIPG, Jakarta, Indonesia). Fajri has acted as a consultant for Indonesia’s Ministry of Research and Higher Education and the Knowledge Sector Initiative (KSI) on various occasions. He also co-authored the report Reforming Research in Indonesia: Policies and Practices in 2016. Fajri has a keen interest in the production of knowledge, particularly social science. He has a wide experience of empirical research, including research on media policy, the use of ICT for good governance, open government and the growth of creative economy. He is currently undertaking a PhD in anthropology at the University of Amsterdam, with a dissertation on knowledge production by NGOs in post-Suharto Indonesia.
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Judith Sutz is a professor at the University of the Republic, Uruguay, where she teaches science, technology, innovation and development. She is the academic coordinator of the University Research Council, leading a research group that deals with the design and implementation of a set of competitive funds schemes aimed at fostering university research. Research evaluation is a core issue for this group, both from an ideological and theoretical perspective and as an empirical field of practice and analysis. Two recent papers on the matter are Bianco M, Gras N and Sutz J (2016) Academic evaluation: Universal instrument? Tool for development? Minerva 54(4): 399–421 and Arocena R, Goransson B and Sutz J (2019) Towards making research evaluation more compatible with developmental goals. Science and Public Policy 46(2): 210–218.

Robert Tijssen straddles the Global South and Global North. He holds the Chair of Science and Innovation Studies at Leiden University (Netherlands), but is also part-time full professor – since 2015 – at the Centre for Research on Evaluation, Science and Technology (Stellenbosch University, South Africa) and affiliated to South Africa’s DST-NRF Centre of Excellence in Scientometrics and Science, Technology and Innovation Policy. Robert’s active involvement in ‘research excellence’ dates back more than 15 years, when he co-developed the ‘top 10% most highly cited’ indicator of ‘international scientific excellence’ (2002), as well as introducing the idea of ‘scoreboards of research excellence’ (2003), both specifically designed for Global North applications. Being active in South Africa since 2005, his interests and academic work on ‘excellence’ have gradually broadened and shifted towards addressing Global South issues and problems – not only with regard to its conceptualisation, but also its application in contextualised evidence-based evaluations of research performance.

Matthew L. Wallace has been working in the science policy field for over a decade. Currently, as a senior programme specialist at the International Development Research Centre (IDRC) in Ottawa, Canada, his focus is on issues broadly related to science systems, including engineering education, science advice to governments, granting agencies, industrial research collaboration and careers of scientists. His previous
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