

## Bibliography

---

- Absalom, E. et al. (1995), 'Participatory methods and approaches: sharing our concerns and looking to the future', *PLA Notes*, **22**, 5–10.
- ACIAR (2009), *Pakistan–Australia Agricultural Sector Linkages Program. Draft Phase 2 Concept Proposal*, ACIAR Discussion Paper, September.
- ACIAR (2016), *Transformative Agriculture and Enterprise Development Program (TADEP) Version 2*, ACIAR Discussion Paper, October.
- ACIAR (2017), *Research Programs*, accessed 11 August 2018 at [www.aciar.gov.au/page/research-programs](http://www.aciar.gov.au/page/research-programs).
- ACIAR (2018), *ACIAR and the 2018/19 Federal Budget*, accessed 10 February 2019 at [www.aciar.gov.au/publications-and-resources/news/ACIAR-and-2018-19-Federal-Budget](http://www.aciar.gov.au/publications-and-resources/news/ACIAR-and-2018-19-Federal-Budget).
- ACIAR Project, Increasing vegetable production in Central Province for Port Moresby markets. Pub code: FR2015-11 (Date released: 5 November 2015) ISBN: 978-1-925436-05-1. Prepared by A/Prof Colin Birch et al.
- ACIAR (undated), *AVCCR Brief*, accessed 17 October 2018 at [www.aciar.gov.au/publication/Aik-Saath-AVCCR-Agriculture-Value-Chain-Collaborative-Research-program](http://www.aciar.gov.au/publication/Aik-Saath-AVCCR-Agriculture-Value-Chain-Collaborative-Research-program).
- Adekunle, A., A. Fatunbi and M. Jones (2010), 'How to set up an innovation platform: sub-Saharan Africa challenge programme (SSA CP)', *Forum for Agricultural Research in Africa*, Accra, Ghana, August.
- Anadon, L., G. Chan, A. Harley, K. Matus, S. Moon, S. Murthy and W. Clark (2016), 'Making technology innovation work for sustainable development', *Perspective*, **113** (35), 9682–9690.
- Aronson, D. (undated), 'Introduction to systems thinking', accessed 8 August 2017 at [www.thinking.net/Systems\\_Thinking/Intro\\_to\\_ST/intro\\_to\\_st.html](http://www.thinking.net/Systems_Thinking/Intro_to_ST/intro_to_st.html).
- Bamberger, M., M. Segone and F. Tateossian (2016), 'Evaluating the Sustainable Development Goals: With a “no one left behind” lens through equity-focused and gender-responsive evaluations', UN Women, accessed 1 July 2019 at <http://www2.unwomen.org/-/media/field%20office%20americas/imagenes/publicaciones/2017/06/eval-sdgs-web.pdf?la=en&vs=4007>.
- Bamberger, M., J. Vaessen and E. Raimondo (2016), *Dealing with Complexity in Development Evaluation: A Practical Approach*. Thousand Oaks, CA, USA: Sage Publications.

- Bateson, G. (1979), *Mind and Nature. A Necessary Unity*. London, UK: Wildwood House.
- Bauer, P. and B. Yamey (1983), 'Foreign aid: what is at stake?' In Willard Scott Thompson (ed.), *The Third World: Premises of US Policy*, San Francisco, CA, USA: ICS Press Institute for Contemporary Studies, pp. 115–138.
- Bawden, R., R. Macadam., R. Packham and I. Valentine (1984), 'Systems thinking and practices in the education of agriculturalists', *Agricultural Systems*, **13**, 205–225.
- Bearce, D. and D. Tirone (2010), 'Foreign aid and the strategic goals of donor governments', *The Journal of Politics*, **72**(3), 837–851.
- Becher, T. (1989), *Academic Tribes and Territories: Intellectual Enquiry and the Culture of Disciplines*. Buckingham, UK: SRHE and Open University Press.
- Bennet, D. (2015), 'Why development needs social science', accessed 19 August 2017 at <http://www.scidev.net/global/education/opinion/development-needs-social-science.html>.
- Bernstein, J. (2015), 'Transdisciplinarity: a review of its origins, development and current issues', *Journal of Research Practice*, **11**(1), article R1, accessed 1 July 2019 at <http://jrp.icaap.org/index.php/jrp/article/view/510/412>.
- Beveridge, W. (1942), 'Social insurance and allied services', report presented to (British) Parliament, HMSO/CMND 6404, executive summary accessed 15 March 2017 at <http://sourcebooks.fordham.edu/halsall/MOD/1942beveridge.html>.
- Bhattacharjee, A. (2012), *Social Science Research: Principles, Methods, and Practices*, Textbooks Collection. 3, accessed 2 July 2019 at [https://scholarcommons.usf.edu/oa\\_textbooks/3](https://scholarcommons.usf.edu/oa_textbooks/3).
- Brown, J. and D. Isaacs (2005), *The World Café: Shaping Our Futures Through Conversations that Matter*. San Francisco, CA, USA: Berrett-Koehler.
- Buber, M. (1963), *Israel and the World: Essays in a Time of Crisis*. New York, USA: Schocken.
- Burns, D. (2007), *Systemic Action Research: A Strategy for Whole System Change*. Bristol, UK: Policy Press.
- Burns, D. (2014), 'Systemic action research: changing system dynamics to support sustainable change', *Action Research*, **12**(1), 3–18.
- Burns, D. and S. Worsley (2015), *Navigating Complexity in International Development*. Rugby, UK: Practical Publishing.
- Byrne, D. (1998), *Complexity Theory and the Social Sciences: An Introduction*. London, UK and New York, USA: Routledge.
- Byrnes, K. (1989), 'A review of AID experience with farming systems research and extension projects', AID Evaluation Special Study No. 67, Agency for International Development, October.

- Carr, W. (1995), *For Education: Towards Critical Educational Enquiry*. Buckingham, UK: Open University Press.
- Carr, W. and S. Kemmis (1986), *Becoming Critical: Education, Knowledge and Action Research*. Lewes, UK: Falmer Press.
- Carson, D., C. Gilmore, C. Perry and K. Gronhaug (2001), *Qualitative Marketing Research*. London, UK: Sage Publications.
- CGIAR (2012), CGIAR Research Program on Aquatic Agricultural Systems Roll-Out Handbook, Ver. 1.0, Penang, Malaysia: AAS-2012-05, accessed 27 February 2019 at [http://pubs.iclarm.net/resource\\_centre/WF\\_3146.pdf](http://pubs.iclarm.net/resource_centre/WF_3146.pdf).
- Chambers, B. (2000), Consultative process on the proposed re-zoning plan for the Wisdom Study Area (Bowmen Industrial Estate). Final Report to Wagga Wagga City Council. C-Change (Agents for Change): Wagga Wagga, NSW Australia.
- Chambers, B. and J. Spriggs (2001), 'Beyond economic rationalism in rural Australia: socioeconomic change in the Coleambally irrigation area', Paper presented at the Agrifood IX conference, Palmerston North, NZ, December.
- Chambers, B. and Spriggs J. (2005), 'It's more than rice: socio-economic change in the Coleambally irrigation area', in C. Kayrooz and C. Trevitt (eds), *Research in Organisations and Communities: Tales from the Real World*. Sydney, AU: Allen & Unwin, pp. 268–273.
- Chambers, B. and Spriggs J. (2006), 'Negotiating the space between development and post-development', Paper presented at the DevNet conference *Doing post-development: empowering the south*, Dunedin, NZ, 28–30 November.
- Chambers, B. and J. Spriggs (2009), 'Going beyond the logframe: organic research and collaborative development (ORCD) in the Asia-Pacific region', Development Studies Association Annual Conference, Coleraine, Northern Ireland, August.
- Chambers, B. and K. Williams (2015), 'ACIAR/DFAT Myanmar program: gender strategy'. Report to the Australian Centre for International Agricultural Research: Canberra, AU, April.
- Chambers, B., J. Spriggs, S. Heaney-Mustafa and S. Taj (2018), 'Women and marginalised group inclusion in Pakistan smallholder agriculture', Development Bulletin 79, Partnering for Impact on Sustainable Development, Development Studies Network, ANU, February.
- Chambers, B., N. Omot, B. Pamphilon, B. Tomi, M. Linibi and C. McGowan (2011), 'Improving women's business acumen in PNG: working with women smallholders in horticulture', Report to the Australian Centre for International Agricultural Research: Canberra, AU, accessed 15 March 2017 at <http://aciarc.gov.au/publication/fr2012-23>.
- Chambers, R. (1980), 'Rapid rural appraisal: rationale and repertoire', *IDS Discussion Paper* (Brighton) No.155, September 1980.

- Chambers, R. (1983), *Rural Development: Putting the Last First*. Harlow, UK: Longman.
- Chambers, R. (1994), 'The origins and practice of participatory rural appraisal', *World Development*, **22**(7), 953–969.
- Chambers, R. (1995), 'Making the best of going to scale', *PLA Notes*, **24**, 57–61.
- Chambers, R. (2005a), 'Managing rural development: ideas and experience from East Africa', in R. Chambers, *Participation: Review, Reflections and Future of Ideas for Development*. London, UK: Earthscan, pp. 54–63.
- Chambers, R. (2005b), *Ideas for Development*. London, UK: Earthscan.
- Chambers, R. (2008), *Revolutions in Development Inquiry*. London, UK: Earthscan.
- Chase, S. and E. Wilkinson (2015), 'What happened to Integrated Rural Development? The Hunger Project', accessed 15 July 2017 at <https://advocacy.thp.org/2015/08/11/what-happened-to-integrated-rural-development/>.
- Checkland, P. (2000), 'Soft systems methodology: a thirty year retrospective', *Systems, Research and Behavioural Science*, **17**(1), S11–S58.
- Checkland, P. and J. Scholes (2004), *Soft Systems Methodology in Action*. Chichester, UK: Wiley.
- Chenery, H. (1982), 'Industrialisation and growth: the experience of large countries', World Bank Staff Working Papers, no. 539, Washington DC, USA: World Bank.
- Cherlet, J. (2014), 'Epistemic and technological determinism in development aid', *Science Technology and Human Values*, **39** (6), 773–794.
- Cilliers, P. (1998), *Complexity and Postmodernism: Understanding Complex Systems*. London, UK: Routledge.
- Cleaver, F. (1999), 'Paradoxes of participation: questioning participatory approaches to development', *Journal of International Development*, **11**(4), 597–612.
- Cleaver, F. (2001), 'Institutions, agency and the limitations of participatory approaches to development', in B. Cooke and U. Kothari (eds), *Participation: The New Tyranny?* London, UK: Zed Books, pp. 36–55.
- Cohen, E. and S. Lloyd (2014), 'Disciplinary evolution and the rise of the transdisciplinary', *Informing Science: The International Journal of an Emerging Transdiscipline*, **17**, 189–215.
- Cohen, M.P. and R.W. Shenton (1996), *Doctrines of Development*. London, UK and New York, USA: Routledge.
- Collinson, M. (ed.) (2000), *A History of Farming Systems Research*. Wallingford, UK: CABI Publishing.
- Cooke, B. and U. Kothari (eds) (2001), *Participation: The New Tyranny?* London, UK: Zed Books.

- Cornwall, A. (2004), 'Spaces for transformation? Reflections on issues of power and difference in participation in development', in S. Hickey and G. Mohan (eds), *Participation: From Tyranny to Transformation?* London, UK: Zed Books, Chapter 5.
- Cornwall, A. and I. Guijt (2004), 'Shifting perceptions, changing practices in PRA: from infinite innovation to the quest for quality', *Participatory Learning and Action*, **50**, 160–167.
- Cornwall, A. and C. Nyamu-Musembi (2004), 'Putting the 'rights-based approach' to development into perspective', *The World Quarterly*, **25**(8), 1415–1437.
- Cornwall, A., I. Guijt and A. Welbourn (1993), *Acknowledging Process: Challenges for Agricultural Research and Extension Methodologies*. Brighton, UK: Institute of Development Studies.
- Dahlberg, K. (1979), *Beyond the Green Revolution: The Ecology and Politics of Global Agricultural Development*. New York, USA: Plenum Press, pp. i–v.
- Davies, J., Y. Maru, A. Hall, I. Abdourhamane, A. Adegbidi, P. Carberry, K. Dorai, S. Ennin, P. Etwire, L. McMillan, A. Njoya, S. Ouedraogo, A. Traoré, N. Traoré-Gué and I. Watson (2018), 'Understanding innovation platform effectiveness through experiences from west and central Africa', *Agricultural Systems*, **165**, 321–334.
- Davis, C. (2012), 'Critical action research', in L. Given (ed.) *The Sage Encyclopedia of Qualitative Research Methods*. London, UK: Sage Publications, pp. 140–142, accessed 5 September 2015 at <http://dx.doi.org/10.4135/9781412963909.n78>.
- Denning, G. (2001), 'Realising the potential of agroforestry: Integrating research and development to achieve greater impact', *Development in Practice*, **11**(4), 407–416.
- Denzin, N. and Y. Lincoln (1998), *Handbook of Qualitative Research*. Thousand Oaks, CA: Sage.
- Department of Foreign Affairs and Trade (DFAT) (2014), 'Guide to gender and development for agriculture', Australian Government, Department of Foreign Affairs and Trade, Canberra, AU.
- Development Assistance Committee (DAC) (1992), 'Development assistance manual: DAC principles for effective aid', Paris: OECD.
- Development Assistance Committee (DAC) (1996), 'Shaping the 21st century: the contribution of development co-operation', Paris: OECD, May.
- Dillon, J., D. Plucknett and G. Vallaeys (1978), 'Farming systems research at the international agricultural research centres', Report of the Technical Advisory Committee Review Team, CGIAR, September.
- Douthwaite, B., J. Apgar, A. Schwarz, C. McDougall, S. Attwood, S. Senaratna and T. Clayton (eds) (2015), 'Research in development: learning from the

- CGIAR research program on aquatic agricultural systems', Working Paper AAS-2015-16, Penang, Malaysia: WorldFish.
- Dugan, P. (2013), 'CGIAR research programs intermediate development outcome meetings', Report of Main Messages, Montpellier, June, accessed 30 November 2018 at [https://library.cgiar.org/bitstream/handle/10947/2844/CGIAR\\_Research\\_Programs\\_Intermediate\\_Development\\_Outcome\\_meetings\\_Montpellier\\_17-28\\_June\\_2013.pdf?sequence=1](https://library.cgiar.org/bitstream/handle/10947/2844/CGIAR_Research_Programs_Intermediate_Development_Outcome_meetings_Montpellier_17-28_June_2013.pdf?sequence=1).
- Dugan, P., J. Apgar and B. Douthwaite (2013), 'Research in development: the approach of AAS', Working Paper, Penang, Malaysia: CGIAR Research Program on Aquatic Agricultural Systems.
- Dunn, T., L. Humphreys, W. Muirhead, M. Plunkett., N. Croker and M. Nickl (1996), 'Changing paradigms for farmer–researcher–extensionist relationships: exploring methods and theories of farmer participation in research', *European Journal of Agricultural Education and Extension*, 3(3), 167–181.
- Earl, S., F. Carden and T. Smutylo (2001), 'Outcome mapping: building learning and reflection into development programs', Ottawa: IDRC, accessed 8 April 2008 at [www.idrc.ca/en/ev-9330-201-1-DO\\_TOPIC.html](http://www.idrc.ca/en/ev-9330-201-1-DO_TOPIC.html).
- Easterly, W. (2013), *The Tyranny of Experts: Economists, Dictators and the Forgotten Rights of the Poor*. New York, USA: Basic Books.
- Elliott, J. (1991), *Action Research for Educational Change*. Milton Keynes, UK: Open University Press.
- Elliott, J. (2017), 'Why we are members of CARE', John Elliott bio sketch, Centre for Applied Research in Education, University of East Anglia, accessed 1 July 2019 at [www.uea.ac.uk/education/research/care/members](http://www.uea.ac.uk/education/research/care/members).
- Firestone, S. (1970), *Dialectic of Sex*. New York, USA: William Morrow.
- Freire, P. (1970), *Pedagogy of the Oppressed*. New York, USA: Seabury Press.
- Geertz, C. (1973) *The Interpretation of Cultures*. New York, USA: Basic Books.
- Giddens, A. (1998), *The Third Way: The Renewal of Social Democracy*. Cambridge, UK: Polity Press.
- Gilbert, E., D. Norman and F. Winch (1980), 'Farming systems research: a critical appraisal', MSU Rural Development Paper No. 6. East Lansing, MI, USA: Department of Agricultural Economics, Michigan State University.
- Given, L. (ed.) (2008), 'Critical action research', in the *Sage Encyclopaedia of Qualitative Research Methods*, accessed 5 September 2015 at <http://dx.doi.org/10.4135/9781412963909.n78>.
- Global Initiative for Economic, Social and cultural Rights (GI-ESCR) (2014), 'A rights-based approach to participation', A GI-ESCR Practitioner's Guide, May, accessed January 10 2018 at <http://globalinitiative-escr.org/>.
- Glouberman, S. and B. Zimmerman (2002), 'Complicated and complex systems: what would successful reform of Medicare look like?' Discussion Paper No. 8. Commission on the Future of Health Care in Canada.



- Grant, R. and J. Nijman (1995), 'Foreign aid in the 1990s: crisis or transition', *Journal of Economic and Social Geography*, **86**(3), 215–218.
- Greven, T. (2016), 'The rise of right-wing populism in Europe and the United States: a comparative analysis', Berlin: Friedrich-Ebert-Stiftung, May.
- Grundy, S. (1995), *Action Research as Professional Development*. Arts Accord Affiliation of Arts Educators, Canberra, AU: AGPS.
- Guhathakurta, M. (2008), 'Theatre in participatory action research: experiences from Bangladesh', in P. Reason and H. Bradbury (eds), *Action Research*. London, UK: Sage Publications, pp. 510–52.
- Hall, A. (2006), 'Public–private partnerships in an agricultural system of innovation: concepts and challenges', *International Journal of Technology Management and Sustainable Development*, **5**, 3–20.
- Hewitt, A. (ed.) (1994), *Crisis or Transition in Foreign Aid*. Overseas Development Institute, London, UK: Chameleon Press.
- Hickey, S. and G. Mohan (2004), *Participation: From Tyranny to Transformation? Exploring New Approaches to Participation in Development*. London, UK: Zed Books.
- Hickey, S. and G. Mohan (2005), 'Relocating participation within a radical politics of development', *Development and Change*, **36**(2), 237–262.
- Hildebrand, P. (1981), 'Combining disciplines in rapid appraisal: the Sondeo approach', *Agricultural Administration*, **8**(6), 423–32.
- Hollingsworth, S. and H. Socket (eds) (1994), 'Teacher research and educational reform', *Ninety Third Yearbook of the National Society of Education*. Chicago, IL: USA: The University of Chicago Press.
- Homann-Kee, T., A. Adekunle, M. Lundy, J. Tucker, E. Birachi, M. Schut, L. Klerkx, P. Ballantyne, A. Duncan, J. Cadilhon and P. Munday (2013), *Innovation platforms practice brief 1*, CGIAR Consortium (Humidtropics and International Livestock Research Institute).
- Hope, M., L. Humphreys and T. Dunn (1997), 'Using farmer skill and knowledge in agronomic research – a case study', *Managing Change – Building Knowledge and Skills: Proceedings of the 2nd Australasia-Pacific Extension Conference*, Albury, Australia: November, pp. 727–736.
- Horton, D., G. Prain and G. Thiele (2009), 'Perspectives on partnership: a literature review', Working Paper 2009-3, Lima, Peru: International Potato Centre (CIP).
- Hudson, L. and J. Ozanne (1988), 'Alternative ways of seeking knowledge in consumer research', *Journal of Consumer Research*, **14** (4), 508–521.
- Hughes-Jones, N. (2007), 'Security through co-operation', *Medicine and War*, **6** (3), 191–194.
- Hummelbrunner, R. and H. Jones (2013), 'A guide for planning and strategy development in the face of complexity', Background Note, Overseas

- Development Institute, accessed 11 August 2017, at <https://www.odi.org/sites/odi.org.uk/files/odi-assets/publications-opinion-files/8287.pdf>.
- Independent Expert Advisory Group on a Data Revolution for Sustainable Development (2014), 'A world that counts mobilizing the data revolution for sustainable development', accessed 11 August 2017 at [http://www.undatarevolution.org/wpcontent/uploads/2014/11/A World That Counts.pdf](http://www.undatarevolution.org/wpcontent/uploads/2014/11/A_World_That_Counts.pdf).
- Jahn, T., M. Bergmann and F. Keil (2012), 'Transdisciplinarity: between mainstreaming and marginalization', *Ecological Economics*, **79**, 1–10.
- Johnson, Paul (2001), *Modern Times: The World from the Twenties to the Nineties*. New York, USA: HarperCollins.
- Jones, H. (2011), 'Taking responsibility for complexity: how implementation can achieve results in the face of complex problems', ODI Working Paper 330. London, UK: Overseas Development Institute.
- Jones, H. (2013), 'Complexity 101: behind the hype, what do we actually know?' Accessed 14 August 2017 at <https://blogs.worldbank.org/publicsphere/complexity-101-behind-hype-what-do-we-actually-know>.
- Kanji, N. and L. Greenwood (2001), *Participatory Approaches to Research and Development in IIED: Learning from Experience*. International Institute for Environment and Development, London, October.
- Kayrooz, C. (1991), A systematic treatment of bulimia nervosa. MEd thesis (Counselling), University of Canberra.
- Kayrooz, C. (2000), A metacognitive approach to training counsellors in problem formulation. PhD thesis, Dept. of Linguistics and Psychology, Macquarie University.
- Kayrooz, C. and C. Trevitt (2005), *Research in Organisations and Communities*. Sydney, AU: Allen & Unwin.
- Kayrooz, C., G. Akerlind and M. Tight (eds) (2007), *Autonomy in Social Science Research: The View from United Kingdom and Australian Universities*. Amsterdam: Elsevier.
- Kayrooz, C., B. Chambers and J. Spriggs (2006), 'Between four worlds: building research capacity in Papua New Guinea', *Development in Practice*, **16**(1), 97–102.
- Kilelu, C., I. Klerkz., C. Leeuwis and A. Hall (2011), 'Beyond knowledge brokering: an exploratory study on innovation intermediaries in an evolving smallholder agricultural system in Kenya', *Knowledge Management for Development Journal*, **7**(1), 84–108.
- King, B. (1960), 'Project evaluation: the return on capital', seminar at the Economic Development Institute, World Bank, February 29, accessed 1 July 2019 at <http://pubdocs.worldbank.org/en/404241403285893686/wbg-archives-1652036.pdf>.



- Klerkx, L. and L. Leeuwis (2009), 'Operationalizing demand-driven agricultural research: institutional influences in a public and private system of research planning in the Netherlands', *The Journal of Agricultural Education and Extension*, **15**(2), 161–175.
- Klerkx, L., N. Aarts and C. Leeuwis (2010), 'Adaptive management in agricultural innovation systems: the interaction between innovation networks and their environment', *Agricultural Systems*, 103, 390–400.
- Kolb, D. A., I. M. Rubin and J. M. McIntye (1979), *Organisational Psychology: An Experiential Approach* (3rd edn). Englewood Cliffs, NJ, USA: Prentice Hall.
- Kretzmann, J. P. and J. L. McKnight (1993), *Building Communities from the Inside Out: A Path Toward Finding and Mobilizing a Community's Assets*. Evanston, IL, USA: Institute for Policy Research.
- Kumar, S. (2002), *Methods for Community Participation: A Complete Guide for Practitioners*. New Delhi: Vistaar Publications.
- Kvale, S. (1995), 'The social construction of validity', *Qualitative Research*, **1**, 19–40.
- Lansing, J. S. (1987), 'Balinese "water temples" and the management of irrigation', *American Anthropologist*, New Series, **89**(2), 326–341.
- Leach, M., A. Sumner and L. Waldman (2008), 'Discourses, dynamics and disquiet: multiple knowledges in science, society and development', *Journal of International Development*, **20**, 727–738.
- Leithwood, K., B. Mascall, T. Strauss, R. Sacks, N. Memon and A. Yashkina (2007), 'Distributing leadership to make schools smarter: taking the ego out of the system', *Leadership and Policy in Schools*, **6**, 37–67.
- Lewin, K. (1946), 'Action research and minority problems', *Journal of Social Issues*, **2**(4), 34–46.
- Little, I. and J. Mirrlees (1969), 'Manual of industrial project analysis, vol. 2', Paris: OECD Development Centre.
- Lorenz, E. (1972), 'Predictability: does the flap of a butterfly's wings in Brazil set off a tornado in Texas?' accessed 9 August 2017, at [http://eaps4.mit.edu/research/Lorenz/Butterfly\\_1972.pdf](http://eaps4.mit.edu/research/Lorenz/Butterfly_1972.pdf).
- Loughlin, J. (2004), 'The "transformation" of governance: new directions in policy and politics', *Australian Journal of Politics and History*, **50**(1), 8–22.
- Ludema, J. and R. Fry (2008), 'The practice of appreciative inquiry', in P. Reason and H. Bradbury (eds), *Action Research*. London, UK: Sage Publications, pp. 280–296.
- Lundy, M. (2004), 'Learning alliances with development partners: a framework for scaling out research results', in D. Pachico and S. Fujisaka (eds), *Scaling Up and Out: Achieving Widespread Impact through Agricultural Research*, Economics and Impact Series 3, Cali, Colombia: CIAT, pp. 221–234.

- Lundy, M., M.V. Gottret and R. Best (2012), *Linking Research and Development Actors through Learning Alliances in Agricultural Innovation Systems: An Investment Sourcebook*. Washington, DC, USA: World Bank, pp. 344–348.
- MacDonald, C. (2012), ‘Understanding participatory action research: a qualitative research methodology option’, *Canadian Journal of Action Research*, **13**(2), 34–50.
- Magill, K. (1994), ‘Against critical realism’, *Capital & Class*, **18**(3), 113–136.
- Mann, L. (2002), ‘Four plus one contributions of the social sciences to the new knowledge economy’, in M. Gilles, M. Carroll and J. Dash (eds), *Humanities and Social Science Futures. Papers from the National Humanities and Social Sciences Summit*, Canberra, AU: ANU, accessed 25 May 2017 at <http://pandora.nla.gov.au/pan/50800/20050627-0000/www.dest.gov.au/NR/rdonlyres/C785B22C-E7EC-47D0-9781-C5AA68546FCD/1426/summit701.pdf>.
- Marr, B. (2015), *Big Data: Using Smart Big Data Analytics and Metrics to Make Better Decisions and Improve Performance*. New York, USA: Wiley.
- Mayoux, L. (2007), ‘Road to the foot of the mountain, but reaching for the sun: PALS adventures and challenges’, in K. Brock and J. Pettit (eds), *Springs of Participation*. Rugby, UK: Practical Action Publishing, pp. 93–106.
- McHugh, M., Y. Shi, S. McClellan, S. Shortell, N. Fareed, J. Harvey, P. Ramsay and L. Casalino (2016), ‘Using multi-stakeholder alliances to accelerate the adoption of health information technology by physician practices’, *Health (Amst)*, **4**(2), 86–91.
- Meadows, Donella, Dennis Meadows, J. Randers and W. Behrens III. (1972), *The Limits to Growth: A Report to the Club of Rome’s Project on the Predicament of Mankind*. New York, USA: Universe Books.
- Meadows, D. (undated), ‘Dancing with systems’, Donella Meadows Archives, accessed 10 April 2017 at <http://donellameadows.org/archives/dancing-with-systems/>.
- Messely, L., E. Rogge and J. Dessein (2013), ‘Using the rural web in dialogue with regional stakeholders’, *Journal of Rural Studies*, **32**(October), 400–410.
- Mikhailovich, K., B. Pamphilon and B. Chambers (2015), ‘Participatory visual research with subsistence farmers in Papua New Guinea’, *Development in Practice*, **25**(7), 997–1010.
- Mitchell, M. (2009), *Complexity: A Guided Tour*. New York, USA: Oxford University Press.
- Mohan, G. (2007), ‘Participatory development: from epistemological reversals to active citizenship’, *Geography Compass*, **1**(4), 779–796.
- Mohan, G. and K. Stokke (2000), ‘Participatory development and empowerment: the dangers of localism’, *Third World Quarterly*, **21**(2), 247–268.

- Morton, John F. (2007), 'The impact of climate change on smallholder and subsistence agriculture', *Proceedings of the National Academy of Sciences*, **104**(50), 19680–19685.
- Nandago, M. (2007), 'Training and facilitation: the propellers of participatory methodologies', in K. Brock and J. Petit (eds), *Springs of Participation*. Rugby, UK: Practical Action Publishing, pp. 29–39.
- Naughton, J. (1981), 'Theory and practice in systems research', *Journal of Applied Systems Analysis*, **8**, 61–9.
- Neef, A. and D. Neubert (2011), 'Stakeholder participation in agricultural research projects: a conceptual framework for reflection and decision-making', *Agriculture and Human Values*, **28**(2), 179–194.
- Neumayer, E. (2003), *The Pattern of Aid Giving: The Impact of Good Governance on Development Assistance*. New York USA, Routledge.
- Nicolescu, B. (2010), 'Methodology of transdisciplinarity – levels of reality, logic of the included middle and complexity', *Transdisciplinary Journal of Engineering and Science*, **1**(1), 19–38.
- Noponen, H. (2007), 'It's not just about pictures! It's also about principles, process and power: tensions in the development of the internal learning system', in K. Brock and J. Pettit (eds), *Springs of Participation*. Rugby, UK: Practical Action Publishing, pp. 53–65.
- Norgaard, R. (1994), *Development Betrayed: The End of Progress and a Co-Evolutionary Revisioning of the Future*. London, UK: Routledge.
- Nye, Joseph S. 2004. *Soft Power: The Means to Succeed in World Politics*, 6th edn. New York, USA: Public Affairs.
- O'Brien, A. (2013), 'Establishing the criteria for successful FCF partnerships: a comparative analysis of collaboration clusters within a multi-institutional partnership framework', Flagship Collaboration Fund Project, University of Exeter and CSIRO Minerals Down Under Flagship, Canberra, AU: CSIRO Discovery Centre.
- Ostrom, E. (2012), 'Nested externalities and polycentric institutions: must we wait for global solutions to climate change before taking actions at other scales?' *Economic Theory*, **49**(2), 353–369.
- Pakham, R., J. Petheram and R. Murray-Prior (undated), 'Farming systems research (FSR) as a platform for RD&E in agriculture and NRM' accessed 3 July 2019 at [https://www.researchgate.net/profile/Richard\\_Petheram/publication/317888057\\_Farming\\_systems\\_research\\_FSR\\_as\\_a\\_platform\\_for\\_RDE\\_in\\_agriculture\\_and\\_natural\\_resource\\_management\\_NRM/links/5950abcbaca27248ae454ffd/Farming-systems-research-FSR-as-a-platform-for-RD-E-in-agriculture-and-natural-resource-management-NRM.pdf](https://www.researchgate.net/profile/Richard_Petheram/publication/317888057_Farming_systems_research_FSR_as_a_platform_for_RDE_in_agriculture_and_natural_resource_management_NRM/links/5950abcbaca27248ae454ffd/Farming-systems-research-FSR-as-a-platform-for-RD-E-in-agriculture-and-natural-resource-management-NRM.pdf).
- Palaniappan, G., B. Chambers, L. Bonney and C. Birch (2013), 'comparing training preferences by gender in Central Province, Papua New Guinea'

- in G. Hickey (ed.), *Socioeconomic Agricultural Research in Papua New Guinea*, ACIAR Proceedings 141, pp. 67–74.
- Pamphilon, B. (2015), 'Weaving knowledges: the development of empowering intercultural learning spaces for smallholder farmers in Papua New Guinea', *Multicultural Education Review*, **7** (1–2), 108–121.
- Pamphilon, B. (2017), 'The farmer-to-farmer adult learning manual: a process and resources for the development of farmers as peer educators', ACIAR Monograph No. 198. Canberra, AU: ACIAR.
- Pamphilon, B. and K. Mikhailovich (2016), 'Building gender equity through a family teams approach: a program to support the economic development of women smallholder farmers and their families in Papua New Guinea', ACIAR monograph no. 194. Canberra, AU: ACIAR.
- Pamphilon, B. and K. Mikhailovich (2017), 'Bringing together learning from two worlds: lessons from a gender-inclusive community education approach with smallholder farmers in Papua New Guinea', *Australian Journal of Adult Learning*, **57**(2), 172–196.
- Pamphilon, B., K. Mikhailovich and B. Chambers (2014), 'Training by Papua New Guinea women, for Papua New Guinea women': lessons from the development of a co-constructed course for women smallholder farmers, *International Journal of Lifelong Education*, **33**(6), 721–736.
- Pamphilon, B., K. Mikhailovich, L. Simeon and B. Chambers (2013), 'Two-way learning: key gender lessons from participatory community workshops with smallholders in the Baiyer Valley and Kerevat areas of Papua New Guinea', in G. Hickey (ed.) *Socioeconomic Agricultural Research in Papua New Guinea*, ACIAR Proceedings 141, pp. 102–114.
- Putnam, Robert D. (2000), *Bowling Alone: The Collapse and Revival of American Community*. New York, USA: Simon & Schuster.
- Rahman, A. Md. (2008), 'Some trends in the praxis of participatory action research', in P. Reason and H. Bradbury (eds), *Action Research*, London, UK: Sage Publications, pp. 49–62.
- Ramalingan, B. (2013), *Aid on the Edge of Chaos: Rethinking International Cooperation in a Complex World*. Oxford, UK: Oxford University Press.
- Ranis, G. and J. Fei (1961), 'A theory of economic development', *American Economic Review*, (51), 533–565.
- Reason, P. and H. Bradbury (eds) (2008), *Action Research: Participative Inquiry and Practice*. London, UK: Sage Publications.
- Ringgaard, A. (2017), 'Why we need social sciences more than ever', *Science Nordic*, accessed 20 August 2017 at <http://sciencenordic.com/why-we-need-social-sciences-more-ever>.
- Riviera, D. (2010), 'Picture this: a review of *Doing Visual Ethnography: Images, Media and Representation in Research* by Sarah Pink', *The Qualitative Report*, **15**(4), Book Review 13, 988–991.

- Rogers, P. (2008), 'Using programme theory to evaluate complicated and complex aspects of interventions', *Evaluation*, **14**(1), 29–48.
- Rosenberg, A. (2016), *Philosophy of Social Science*, 5th edn. Boulder, CO, USA: Westview Press.
- Rosenstein-Rodan, P. (1943), 'Problems of industrialisation of Eastern and South-Eastern Europe', *Economics Journal*, **53**, 202–211.
- Sachs, J., S. Badiee, R. Chen and E. Giovannini (2015), 'The data revolution for sustainable development', Project Syndicate: The Worlds Opinion Page, accessed 3 July 2019 at <https://www.project-syndicate.org/commentary/sdgs-data-collection-by-jeffrey-d-sachs-et-al-2015-09>.
- Sampath, P. and P. Roffe (2012), 'Unpacking the international technology transfer debate: fifty years and beyond', Issue Paper 36, Geneva: International Centre for Trade and Sustainable Development.
- Saul, J. (2005), *The Collapse of Globalism and the Reinvention of the World*. Camberwell, AU: Penguin Books.
- Schon, D. (1990), *Educating the Reflective Practitioner*. San Francisco, CA, USA: Jossey-Bass.
- Schultz, T. (1964), *Transforming Traditional Agriculture*. Chicago, IL, USA: University of Chicago Press.
- Schwartz, D. (1989), 'Visual ethnography: using photography in qualitative research', *Qualitative Sociology*, **12**(2), 119–154.
- Scoones, I., J. Thompson and R. Chambers (2009), *Farmer First Revisited: Innovation for Agricultural Research and Development*. Rugby, UK: Practical Action.
- Schut, M., C. Leeuwis and A. van Paassen (2013), 'Ex ante scale dynamics analysis in the policy debate on sustainable biofuels in Mozambique', *Ecology and Society*, **18**(1), 20.
- Schut, M., J. Andersson, I. Dror, J. Kamanda, M. Sartas, R. Muir, S. Kassam, H. Brouwer, D. Stoian, A. Devaux, C. Valasco, A. Gramzow, T. Dubois, R.J. Flor, M. Gummert, D. Buizer, C. McDougall., K. Davis, S. Homann-Kee and M. Lundy (2017), 'Guidelines for innovation platforms in agricultural research for development. Decision support for research, development and funding agencies on how to design, budget and implement impactful innovation platforms', Kigali, Rwanda: International Institute of Tropical Agriculture (IITA) and Wageningen University (WUR) under the CGIAR Research Program on Roots Tubers and Bananas (RTB).
- Schut, M., J. Kamandas, A. Gramzow, T. Dubois, D. Stoian, J. Andersson., I. Dror, M. Sartas, R. Mur, S. Kassam, H. Brouwer, A. Devaux, C. Velasco, R. Flor, M. Gummert, D. Buizer, C. McDougall, K. Davis, S. Homann-Kee and M. Lundy (2018), 'Innovation platforms in agricultural research for development. Ex-ante appraisal of the purposes and conditions under which innovation platforms can contribute to agricultural development

- outcomes', *Exploring Agriculture*. Cambridge, UK: Cambridge University Press, accessed 7 June 2018 at [www.cambridge.org/core](http://www.cambridge.org/core).
- Scriven, M. (1967), 'The methodology of evaluation', in R.W. Tyler, R. M. Gagne and M. Scriven (eds), *Perspectives of Curriculum Evaluation*. Chicago, IL, USA: Rand McNally, pp. 39–83.
- Senge, P. (2006), *The Fifth Discipline: The Art and Practice of the Learning Organization*. New York, USA: Crown Business.
- Seta-Waken, P., B. Chambers B., G. Palaniappan and C. Birch (2013), 'Impact of training on horticultural practice adoption by women smallholders in Central Province', in G. Hickey (ed.), *Socioeconomic Agricultural Research in Papua New Guinea*, ACIAR Proceedings 141, pp. 75–84.
- Seta-Waken, P., R. Malie., P. Utama and G. Palaniappan (2016), *Introduction to Basic Crop Production, Post-Harvest and Financial Management Practices: A Training Manual for Smallholder Vegetable Farmers in Western Pacific Island Nations* (ed. by C.J. Birch and B.E. Chambers). Canberra, AU: Australian Centre for International Agricultural Research.
- Sides, J. (2013), 'Why study social science', *Social Science Space*, accessed 20 August 2017 at [www.socialsciencespace.com/2013/03/why-study-social-science/](http://www.socialsciencespace.com/2013/03/why-study-social-science/).
- Spriggs, J. and B. Chambers (2004), 'Socioeconomic change in the PNG fresh produce supply chain', in *Proceedings of the XI World Congress of Rural Sociology*, Trondheim, Norway, July, accessed 3 July 2019 at <http://www.irsa-world.org/prior/XI/papers/8-4.pdf>.
- Spriggs, J. and B. Chambers (2005), 'Connecting people in cross-cultural agribusiness: the case of the fresh produce supply chain in PNG', Paper presented at the Development Studies Association Annual Conference, Milton Keynes, UK, accessed 3 July 2019 at <https://www.participatorymethods.org/resource/connecting-people-cross-cultural-agribusiness-case-fresh-produce-supply-chain-papua-new>.
- Spriggs, J. and B. Chambers (2007), 'Improving the marketing system for fresh produce of the highlands of PNG', Final Report for Project ASEM/2001/037, Canberra, AU: ACIAR, accessed 3 July 2019 at [www.aciar.gov.au/publication/fr2007-16](http://www.aciar.gov.au/publication/fr2007-16).
- Spriggs, J. and B. Chambers (2011), 'Organic research and collaborative development (ORCD) of horticultural supply chains in the Asia-Pacific', *Stewart Postharvest Review*, 7(2), 1–9.
- Spriggs, J. and B. Chambers (2016), 'Social research to foster effective collaboration and strengthen pro-poor value chains', Final Report for Project ASEM/2010/003, Canberra, AU: ACIAR, accessed 3 July 2019 at [www.aciar.gov.au/publication/fr2016-29](http://www.aciar.gov.au/publication/fr2016-29).
- Spriggs, J., B. Chambers and N. Omot (2013), 'Towards socioeconomic change in the fresh-produce supply chains of the Papua New Guinea highlands',



- in G. Hickey (ed.), *Socioeconomic Agricultural Research in Papua New Guinea*, ACIAR Proceedings 141, pp. 9–16.
- Spriggs, J., B. Chambers., M. Fromholtz and T. Dunn (2002), ‘Socioeconomic change in the Coleambally irrigation area’, Paper presented at the 46th Annual AARES Conference, Canberra, AU, February.
- Spriggs, J., B. Chambers, S. Heaney-Mustafa, S. Roy, N. Akmal, S. Taj, I. Khan and T. Mangan (2017), ‘Women’s empowerment and economic collaboration in rural Pakistan’, *Journal of Gender, Agriculture and Food Security*, **2**(2), 52–68.
- Squire, L. and H. van der Tek (1975), *Economic Analysis of Projects*, Baltimore, MD, USA: Johns Hopkins University Press.
- Stake, R. (1994), ‘Case studies’ in N. Denzin and Y. Lincoln (eds), *Handbook of Qualitative Research*, Thousand Oaks, CA, USA: Sage Publications, pp. 236–247.
- Stone, R. (2004), ‘The political economy of IMF lending in Africa’, *American Political Science Review*, **98**(November), 577–591.
- Study International (2015), ‘The importance of the social sciences’, accessed 20 August 201, at <https://www.studyinternational.com/news/the-importance-of-the-social-sciences/#sAUHxWMb7wiHaD76.99>.
- Swantz, M.-L (2008), ‘Participatory Action Research as practice’ in P. Reason and H. Bradbury (eds), *Action Research*, London, UK: Sage Publications, pp. 31–48.
- Toomey, A., N. Markusson, E. Adams and B. Brockett (2015), Inter-and trans-disciplinary research: a critical perspective, accessed 3 July 2019 at <https://sustainabledevelopment.un.org/content/documents/612558-Inter-%20and%20Trans-disciplinary%20Research%20-%20A%20Critical%20Perspective.pdf>.
- Trowler, P. (2011), ‘Rethinking academic tribes and territories’, University World News, Issue 198.
- Van Koppen, B. (2016), ‘What’s the truth about the role of women in agriculture today?’ In *Thrive: The Future of our Food, Water and Environment*, Research Program on Water, Land and Ecosystems, CGIAR, accessed 3 July 2019 at <https://wle.cgiar.org/thrive/big-questions/what-truth/rural-women-are-not-all-same>.
- Van Koppen, B. (2017), ‘Rural women’s rights to water for health, food and income’, Paper presented at the UN Women Expert Group Meeting on ‘challenges and opportunities in achieving gender equality and the empowerment of rural women and girls’, Rome: UN, September.
- Vroom, V. and A. Jago (2007), ‘The role of the situation in leadership’, *American Psychologist*, **62**, 17–24.
- Weiner, G. (2004), ‘Critical action research and third wave feminism: a meeting of paradigms’, *Educational Action Research*, **12**(4), 631–643.

- Welbourn, A. (2007), 'HIV and AIDS, the global tsunami: The role of stepping stones as one participatory approach to diminish its onslaught', in K. Brock and J. Pettit (eds) *Springs of Participation*. Rugby, UK: Practical Action Publishing, pp. 123–135.
- Winecoff, K. (2013), 'Why study the social sciences?' *Social Science Space*, accessed 20 August 2017, at <http://www.socialsciencespace.com/2013/03/why-study-social-science/>.
- World Bank (1994), 'The World Bank and participation', Operations Policy Department, World Bank, Washington DC, September.
- World Health Organization (2015), 'Key Events in the WHO response to the Ebola outbreak' accessed 9 November 2018 at <https://www.who.int/csr/disease/ebola/one-year-report/who-response/en/>.

