

Rosie Cooney

Curriculum Vitae

Summary

- Internationally recognised interdisciplinary researcher and engaged policy practitioner in biodiversity conservation
- 20 years experience at the science – policy interface across NGO, academic, government and private sector contexts
- Specific areas of expertise include sustainable use of wild resources; community conservation and natural resource management; legal and illegal wildlife trade; integration of rights, livelihoods and knowledge of indigenous peoples and local communities; natural resource governance; conservation policy; uncertainty and the precautionary principle in conservation practice
- Majority of work has focused on developing country issues in African, Central/Southeast Asian and Latin American countries in close collaboration with in-country individuals and organisations (including from governments, private sector, NGOs, and indigenous peoples/local community organisations), bilateral agencies, and multilateral organisations.
- Key expertise in synthesising and analysing evidence to provide authoritative and credible technical advice, mobilising transdisciplinary collaborations to explore complex conservation challenges, and influencing policy and practice.

Qualifications

- 2000** Doctor of Philosophy, Department of Zoology, University of Cambridge. Evolutionary ecology, fieldwork in South Africa
- 1995** Bachelor of Laws (Hons, First), Australian National University
- 1993** Bachelor of Science (Zoology; Hons, First), Australian National University

Science-policy leadership roles and appointments

- Global Environment Facility Science and Technical Advisory Panel (2018 –)
- Advisory Council member, Luc Hoffman Institute, Switzerland (2018 -2019)
- Honorary Fellow and Theme Leader, Sustainable Livelihoods, of the ICCA Consortium (a global network of indigenous peoples and local community organisations) (2017- 2019);
- Board Member, United Nations Secretary-General’s Science Advisory Board, providing science advice on attaining sustainable development goals to Ban Ki-Moon (2014-17);
- Deputy Chair of the Convention on Biological Diversity’s Collaborative Partnership on Wildlife (2016-18);
- Lead author in the Intergovernmental Panel on Biodiversity and Ecosystem Services (IPBES) Asia-Pacific Regional Assessment (2016-18)
- Steering Committees, IUCN Commission on Environmental, Economic and Social Policy (CEESP) (2012-2018) and Species Survival Commission (SSC) (2012-2019)

Employment history

- 2019– Independent consultant, biodiversity conservation
Recent projects include:
- Assessing emerging models for community conservation. Funded by Luc Hoffmann Institute (Switzerland), collaborative project carried out with the International Institute of Environment and Development, UK, and IUCN Sustainable Use and Livelihoods Specialist Group.
 - Understanding local livelihoods implications of trade in selected wildlife species. Funded by CITES Secretariat.
- Biodiversity Advisor, Global Environment Facility Science and Technical Advisory Panel
- Providing science advice across biodiversity components of the Global Environment Facility portfolio of programs and projects
- 2012-18 Global Chair, International Union for Conservation of Nature’s Sustainable Use and Livelihoods Specialist Group (SULi)
- Led global expert network of over 300 researchers, decisionmakers and practitioners spanning social and natural sciences;
 - Extensive experience in leading and managing transdisciplinary and applied policy-relevant research, convening high-impact international symposia and workshops, managing teams of experts to develop authoritative research and policy inputs, stakeholder liaison and developing strategic partnerships;
 - Thematic foci include small-scale fisheries management, wildlife management and hunting, community conservation, integrating diverse knowledge systems, wildlife trade.
- 2011-16 Sessional Lecturer, Institute of Environmental Studies, University of New South Wales
- Co-taught second year course *Biodiversity Conservation and Natural Resource Management*.
- 2007-11 Independent Consultant, wildlife and policy.
- Providing specialist expertise to governments, indigenous, NGOs and the private sector. Clients included the North Australian Indigenous Land and Sea Management Alliance (NAILSMA), the Commonwealth Rural Industries Research and Development Corporation, the NSW Department of Environment and Climate Change, the UK Department of Environment, Food and Rural Affairs, TRAFFIC, and IUCN.
- 2006-10 Course Convenor, Fenner School of Environment and Society, Australian National University
- Proposed, designed, convened *International Environmental Policy* SRES 3033/6033 (later ENV53005/6555) 2006-2010
- 2008-09 Principal Project Officer, NSW Department of Environment and Climate Change
- Led policy development process in complex environment/development area
- 2006-08 Research Fellow, Future of Australia’s Threatened Ecosystems (FATE) Program, Institute of Environmental Studies, University of New South Wales
- Exploring potential for sustainable use of wild species in Australia to support socio-economic resilience, landscape conservation and threatened species conservation, including aspects of institutional design, conservation incentives, and state and Commonwealth policy, working with farmer, industry and harvester groups.
 - Co-convenor/lecturer in *Conservation and Management of Natural Resources*.
- 2003-05 Coordinator, The Precautionary Principle Project: a joint initiative of the International Union for Conservation of Nature (IUCN), ResourceAfrica, Fauna & Flora International and TRAFFIC
- Coordinated large and complex international collaborative process of research, dialogue and policy engagement on the meaning and implementation of the precautionary

principle in biodiversity conservation and NRM, and successfully worked within several environmental policy contexts for uptake of the outcomes.

- 2001-02 CITES and Wildlife Trade Policy Officer, WWF International Species Program, UK
- 2000-01 Research and Policy Officer, Africa Resources Trust, Cambridge UK
- 2000 Research Associate, Kings College, University of Cambridge

Honorary academic appointments

- 2018— Honorary Senior Fellow, Fenner School of Environment and Society
- 2011-18 Visiting Fellow, Institute of Environmental Studies (later Interdisciplinary Environmental Network), School of Biological, Earth and Environmental Sciences, University of New South Wales
- 2009-13 Visiting Fellow, Fenner School of Environment and Society
- 2000-01 Visiting Fellow, Lauterpacht Research Centre for International Law, University of Cambridge

Selected publications (full list on request)

Peer-reviewed articles

- Hinsley A, Milner-Gulland EJ, **Cooney R**, Timoshyna A, X Ruan and T M Lee (2019) Building sustainability into the Belt and Road Initiative's Traditional Chinese Medicine trade. *Nature Sustainability* <https://doi.org/10.1038/s41893-019-0460-6>
- Oomen M, **Cooney R**, Ramesh M, Archer M, Brockington D, Buscher B, Fletcher R, Natusch D, Tamin Vanak A, Webb G and Shanker K (2019) The fatal flaws of compassionate conservation. *Conservation Biology* 33 (1) doi: 10.1111/cobi.13329
- Biggs D, Holden M, Braczkowski A, Cook C, Milner-Gulland EJ, Phelps J, Scholes RJ, Smith RJ, Underwood F, Adams V, Allan J, Brink H, **Cooney R**, Gao Y, Hutton J, Macdonald-Madden E, Maron M, Redford D, Sutherland WJ, Possingham HP (2017) Breaking the deadlock on ivory policy. *Science*. 358 (6369):1378-1381 doi:10.1126/science.aan5215
- Wanger, T.C., Traill, L.W., **Cooney, R.**, Rhodes, J.R., and Tschardtke, T. (2017) Trophy hunting certification. *Nature Ecology & Evolution* 1(12), 1791-1793. doi:10.1038/s41559-017-0387-0
- Stuart, S.N., Al Dhaheri, S., Bennett, E.L., Biggs, D., Bignell, A., Byers, O., **Cooney, R.**, Donaldson, J., Dublin, H.T., Eggermont, H., Engels, B., van Havre, B., Hoffmann, M., Horie, M., Hutton, J., Khosla, A., Launay, F., Lees, C., Mace, G.M., Marton-Lefèvre, J., Menon, V., Mittermeier, R.A., Pataridze, T., Pellerano, M., Perez Gil, R., Robinson, J.G., Rodríguez, J.P., Te Pareake Mead, A., Thomas, S., and von Weissenberg, M. (2017) IUCN's encounter with 007: safeguarding consensus for conservation. *Oryx*, 1-7. doi:10.1017/S0030605317001557
- Cooney R** (2017) A polarising issue: wild animals as food. *Australian Zoologist* <https://doi.org/10.7882/AZ.2017.027>
- Cooney R**, Freese C, Dublin H, Roe D, Mallon D, Knight M, Emslie R, Pani M, Booth V, Mahoney S, and Buyanaa C. (2017) The baby and the bathwater: hunting, conservation and rural livelihoods. *Unasylva* 249 68: 1-16
- Biggs D, **Cooney R**, Roe D, Dublin H, Allan JR, Challender D and Skinner D (2016) Developing a theory of change for a community-based response to illegal wildlife trade. *Conservation Biology* doi:10.1111/cobi.12796

Cooney R, Roe D, Dublin H, Phelps J, Wilkie D, Keane A, Travers H, Skinner D, Challender DWS, Allan JR and Biggs D (2017) From Poachers to Protectors: Engaging Local Communities in Solutions to Illegal Wildlife Trade. *Conservation Letters* doi:10.1111/conl.12294

Cooney R and Abensperg-Traun M (2013) Raising local community voices: CITES, livelihoods and sustainable use. *Review of European Community and International Environmental Law* 22(3): 301-310

Harris R, Cooney R and Leader-Williams NJ (2013) Application of the Anthropogenic Allee Effect in relation to trophy hunting. *Conservation Biology* 27(5): 945-951

Cooney R, Archer M, Baumber A, Ampt P, Wilson G, Smits J and Webb G (2012) THINKK again: getting the facts straight on kangaroo harvesting and conservation. *Science Under Siege: Zoology under Threat*, Banks P, Lunney D and Dickman D (Eds). *Royal Zoological Society of New South Wales*, Mosman, NSW, Australia, pp15-160.

Cooney R, Baumber A, Ampt P & Wilson G (2009) Sharing Skippy: Models for involving landholders in kangaroo management in Australia. *The Rangelands Journal* 31: 283-292

Baumber A, Cooney R, Ampt P & Gepp K (2009) Landholders and kangaroos in the rangelands: can collaboration complete the puzzle? *The Rangelands Journal* 31(1): 161-167

Cooney R & Jepson P (2006) The international trade in wild birds: what's wrong with blanket bans? *Oryx* 40(1): 18-23

Cooney R (2001) CITES and the CBD: Tensions and Synergies. *Review of European Community and International Environmental Law* 10(3): 259-268

Books and Book Chapters

Cooney R and Challender DWS (2019) 'Engaging local communities in responses to illegal trade in pangolins: who, why and how?' In Challender D, Nash H and Waterman C (Eds) *Pangolins: Science, Society and Conservation*. Elsevier Academic Press, pp 369-383

Cooney R (2019) 'A comparison of the North American Model to other wildlife management approaches'. In Mahoney S (Ed) *The North American Conservation Model: A Triumph of Democracy for Nature*. Johns Hopkins University Press, Baltimore, USA, pp 148-155

Kothari A, Cooney R, Hunter D, MacKinnon K, Muller E, Nelson F, Oli KP, Pandey S, Rasheed T and Vavrova L (2015) 'Managing resource use and development'. In GL Worboys, M Lockwood, A Kothari, S Feary and I Pulsford (eds) *Protected Area Governance and Management*, ANU Press, Canberra, pp. 789-822

Merson J, Cooney R and Brown P (Eds, 2012) *Conservation in a Crowded World: Case Studies from the Asia-Pacific*. University of New South Wales Press, Sydney, Australia.

Cooney R (2006) 'A long and winding road? Precaution from principle to practice in biodiversity conservation'. In Von Schomberg R, Fisher L & Jones J (Eds) *Implementing the Precautionary Principle: Perspectives and Prospects* Edward Elgar, Cheltenham, UK and Northampton, MA, US, pp 233-244

Cooney R (2005) 'From promise to practicalities: the precautionary principle in biodiversity conservation and natural resource management'. In Cooney R & Dickson B (Eds) *Biodiversity and the Precautionary Principle: Risk and Uncertainty in Conservation and Sustainable Use* Earthscan, London, pp 3-17

Cooney R & Dickson B (Eds, 2005) *Biodiversity and the Precautionary Principle: Risk and Uncertainty in Conservation and Sustainable Use*. Earthscan, London

Cooney R (2003) 'Looking ahead – international wildlife trade regulation and enforcement'. In Oldfield S (Ed) *The Trade in Wildlife: Regulation for Conservation* Earthscan, London, pp 196 - 204

Technical Reports

Child B and **Cooney R** (2019) *Global commons for local benefits: Supporting community-based management of wild species, forests and drylands*. A STAP Document. Global Environment Facility Scientific and Technical Panel, Washington DC.

Cooney R, Roe D, Dublin H and Booker F (2018) *Wild Life, Wild Livelihoods: involving communities in sustainable wildlife management and combating illegal wildlife trade*. United Nations Environment Program, Nairobi, Kenya.

Davies K, Rajvanshi K, Youn Y-C, Choe JC, Choi A, **Cooney R**, Dhyani S, Fisher J, Gautam AP, Ichikawa K, Jamil Husain H, Jyothis S, Kolahi M, Kusurini M, Masoodi A, Ogawa-Onishi Y, Parks S, Sandhu HS, Togtokh C and Al-Assaf A (2018) 'Nature's contributions to people and quality of life'. In: *The IPBES regional assessment report on biodiversity and ecosystem services for Asia and the Pacific*. Secretariat of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem services, Bonn, Germany.

Cooney R, Kasterine A, MacMillan D, Milledge S, Nossal K, Roe, D and 't Sas-Rolfes M (2015). *The Trade in Wildlife: a framework to improve biodiversity and livelihood outcomes*. International Trade Centre, Geneva, Switzerland. Online at <https://portals.iucn.org/library/sites/library/files/documents/2015-014.pdf>

Cooney R, von Meibom S and Hin Keong C (2012) *Trading Timbers: A comparison of import requirements under CITES, FLEGT and related EU legislation for timber species in trade*. TRAFFIC Europe, Brussels. Online at <http://www.traffic.org/home/2012/10/11/new-report-compares-timberimport-requirements-to-safeguard.html>

Dickie I, **Cooney R**, Gilham A, Howe C, and Dutton A (2011) *Cost-effectiveness and Conservation Impact of the EU's Wildlife Trade Regulations*. United Kingdom Department of Environment, Food and Rural Affairs.

Cooney R (2009) *Landholder Collaboration in Wildlife Management: Models for landholders to share benefits from kangaroo harvesting*. Publication No. 08-150, Rural Industries Research and Development Corporation, Canberra. Online at <https://rirdc.infoservices.com.au/items/08-150>

Cooney R and Edwards M (2009) *Indigenous Wildlife Enterprise Development: regulation and policy context and challenges*. North Australian Indigenous Land and Sea Management Alliance, Darwin. Online at http://www.nailsma.org.au/nailsma/projects/downloads/IWED-Regulations_policydevelopment.pdf

Cooney R (2008) *Commercial and Sustainable Use of Wildlife: Suggestions to improve conservation, land management and rural economies*. Publication No. 08-199, Rural Industries Research and Development Corporation, Canberra. Online at <https://rirdc.infoservices.com.au/items/08-199>

Briefing Papers

Biggs D, **Cooney R**, Roe, D, Dublin H, Allan J, Challender D and Skinner, D (2015) *Engaging local communities in tackling illegal wildlife trade: Can a 'Theory of Change' help?* IIED Discussion Paper. IIED, London. Online at <http://pubs.iied.org/14656IIED.html>

Cooney R, Anthony BP, Young JP, Pooley S, Redpath S, Canavelli S, Niskanen L, Mykrä Sakari M, Irie Y and Boulet H (2015) *Sustainable Wildlife Management and Human-Wildlife Conflict*. Collaborative Partnership on Sustainable Wildlife Management; UN Food and Agriculture Organisation, Rome. Online at <http://www.fao.org/3/a-i4893e.pdf>

Roe D, **Cooney R**, Dublin H, Challender D, Biggs D, Skinner D, Abensperg-Traun M, Ahlers N, Melisch R and Murphree M (2015) *Beyond Enforcement: engaging communities in tackling wildlife crime*. IIED Briefing Paper. International Institute for Environment and Development, London. Online at <http://pubs.iied.org/17293IIED.html>

Roe D, Milledge S, Cooney R, 't Sas-Rolfes M, Biggs D, Murphree M and Kasterine A (2014) *The elephant in the room: sustainable use in the illegal wildlife trade debate*. International Institute for Environment and Development, London. <http://pubs.iied.org/17205IIED.html>