Rohan Fisher
Environment

Research outputs

Digital games are helping communities face growing bushfire threats in northern Australia
Fisher, R., 9 Nov 2023, ABC Science.

Indigenous rangers are burning the desert the right way – to stop the wrong kind of intense fires from raging
Fisher, R., 28 Aug 2023, The Conversation.

'Painting with fire': How Northern Australia developed one of the world's best bushfire management programs
Fisher, R. & Jacklyn, P., 22 May 2023, The Conversation.

Barriers to fire spread in northern Australian tropical savannas, deriving fire edge metrics from long term high-frequency fire histories
Fisher, R., Lewis, B., Price, O. & Pickford, A., 1 Jan 2022, In: Journal of Environmental Management. 301, p. 1-11 11 p., 113864.

We are professional fire watchers, and we're astounded by the scale of fires in remote Australia right now
Fisher, R., 7 Dec 2021, The Conversation.

Assessing the value of ecosystem services delivered by prescribed fire management in Australian tropical savannas
Sangha, K. K., Evans, J., Edwards, A., Russell-Smith, J., Fisher, R., Yates, C. & Costanza, R., Oct 2021, In: Ecosystem Services. 51, 101343.

Reframing wildfire simulations for understanding complex human-landscape interactions in cross-cultural contexts: A case study from northern Australia
Fisher, R., Heckbert, S. & Garnett, S., Sept 2021, In: Fire. 4, 3, 46.

Hunting territories and land use overlap in sedentarised Baka Pygmy communities in southeastern Cameroon
Fa, J. E., Ros Brull, G., Ávila Martin, E., Okale, R., Fouda, F., Fárfan, M. Á., Cain, B., Fisher, R., Coad, L. & Funk, S. M., Feb 2021, In: Scientific Reports. 11, 1, p. 1-14 14 p., 3503.

The world's best fire management system is in northern Australia, and it's led by Indigenous land managers
Fisher, R., 10 Mar 2020, The Conversation.

Augmenting physical 3D models with projected information to support environmental knowledge exchange
Fisher, R., Heckbert, S., Maria, J. & Sutton, S., 1 Nov 2019, In: Applied Geography. 112, p. 1-10 10 p., 102095.

Measuring political will: An index of commitment to disaster risk reduction
Lassa, J. A., Surjan, A., Caballero-Anthony, M. & Fisher, R., Mar 2019, In: International Journal of Disaster Risk Reduction. 34, p. 64-74 11 p.

Artisanal and small-scale mining and rural livelihood diversification: The case of manganese extraction in West Timor, Indonesia
Fisher, R., Ling, H., Natonis, R., Hobgen, S., Kaho, N. R., Mudita, W., Markus, J., Bunga, W. & Nampa, W., Jan 2019, In: Extractive Industries and Society. 6, 1, p. 229-240 12 p.

Free satellite imagery and digital elevation model analyses enabling natural resource management in the developing world: Case studies from Eastern Indonesia
Fisher, R. P., Hobgen, S. E., Haleberek, K., Sula, N. & Mandaya, I., Jan 2018, In: Singapore Journal of Tropical Geography. 39, 1, p. 45-61 17 p.

Interactive, open source, travel time scenario modelling: Tools to facilitate participation in health service access analysis
Fisher, R. & Lassa, J., 18 Apr 2017, In: International Journal of Health Geographics. 16, p. 1-15 15 p., 13.

Rote Island, East Nusa Tenggara Province, Indonesia: An emerging hotspot of avian endemism
Verbelen, P., Trainor, C. R., Dosche, V. & Fisher, R., 2017, In: Birding Asia. 27, p. 57-73 17 p.

Defining Remoteness from Health Care: Integrated Research on Accessing Emergency Maternal Care in Indonesia
Myers, B., Fisher, R., Nelson, N. & Belton, S., 2015, In: AIMS Public Health. 2, 3, p. 256-273 18 p.

Fire extent mapping: procedures, validation and website application
Fisher, R. & Edwards, A. C., 2015, *Carbon Accounting and Savanna Fire Management.* Murphy, B. P., Edwards, A. C., Meyer, M. & Russell-Smith, J. (eds.). China: CSIRO Publishing, p. 57-72 16 p.

Where to from here?
Russell-Smith, J., Bristow, M., Brocklehurst, P., Cook, G., Cuff, N., Edwards, A. C., Fisher, R., Hutley, L., Jacklyn, P., James, G., Legge, S., Liedloff, A., Lynch, D., Maier, S., Meyer, C., Monagle, C., Murphy, B., Oliveira, S., Whitehead, P. & Yates, C., 2015, *Carbon Accounting and Savanna Fire Management.* Murphy, B., Edwards, A., Meyer, CP. & Russell-Smith, J. (eds.). China: CSIRO Publishing, p. 329-346 18 p.

Creating a Sediment Budget in a Data Poor Context: An Example from Eastern Indonesia
Hobgen, S. E., Myers, B., Fisher, R. & Wasson, R., Dec 2014, In: Geografiska Annaler, Series A: Physical Geography. 96 , 4, p. 513-530 18 p.

Post-project evaluation of the sustainability of development project outcomes: a case study in eastern Indonesia
Myers, B., Fisher, R., Pickering, S. & Garnett, S., 2014, In: Development in Practice. 24, 3, p. 379-389 11 p.

Tropical forest monitoring, combining satellite and social data, to inform management and livelihood implications: Case studies from Indonesian West Timor
Fisher, R., Jun 2012, In: International Journal of Applied Earth Observation and Geoinformation. 16, p. 77-84 8 p.

Aspects of Food Production and Access to Water Resources: A Case Study at a Village in West Timor
Myers, B., Wurm, P., Palekahelu, D., Liufeto, G., Mangimbulude, J., Kapa, M. & Fisher, R., 2012, In: KRITIS: Journal of Development Studies. 21, 2, p. 134-154 21 p.

Indigenous fire management and government fire policy in savannas of eastern Indonesia Climate Change Mitigation with Local Communities and Indigenous Peoples: Practices, Lessons Learned and Prospects.
Myers, B., Karwur, F., Palekahelu, D., Fisher, R., Meyer, M. & Radjapono, S., 2012, p. 1-60. 60 p.

Tampilan dan Analisis dari Citra Satelit dengan fokus pada daerah Nusa Tenggara Timur: Materi Pelatihan SAGA GIS. CDU & UNDANA, Kupang.
Fisher, R., Joyce, K., Ngana, F. & Myers, B., 2012

Free and simple GIS as appropriate for health mapping in a low resource setting: a case study in eastern Indonesia
Fisher, R. & Myers, B., 2011, In: International Journal of Health Geographics. 10, 15, p. 1-11 11 p.

GIS as appropriate technology in low resource settings: An example of decentralised health mapping in remote, rural Eastern Indonesia
Fisher, R., 2011.

Simple and effective decentralized health mapping for improved health service delivery in Nusa Tenggara Timur
Myers, B. & Fisher, R., 2011.

The Vulnerability of Groundwater Resources to Climate Change in Timor-Leste
Myers, B., Fisher, R., Wurm, P., Paul, T. & Campbell, A., 2011, Commonwealth Government of Australia. 73 p. (Pacific Adaptation Strategy Assistance Program)

Sumber Makanan dan Air di Desa Linamnutu: Sebuah Penelitian Awal = Food and Water Resources in Linamnutu Village: A Pilot study
Palekahelu, D., Mangimbulude, J., Liufeto, G., Myers, B., Wurm, P. & Fisher, R., 2010, Darwin: Charles Darwin University . 26 p.

GIS Applications for Sustainable Development and Good Governance in Eastern Indonesia and Timor Leste
Fisher, R. (ed.), Myers, B. (ed.), Sanam, M. (ed.) & Tarus, V. (ed.), 2009, 1 ed. Darwin: Charles Darwin University Press.

Introduction
Fisher, R., 2009, *GIS Applications for Sustainable Development and Good Governance in Eastern Indonesia and Timor Leste.* Fisher, R., Myers, B., Sanam, M. & Tarus, V. (eds.). Darwin: Charles Darwin University Press, p. 12-19 8 p.

Satellite imagery for land resource monitoring in Nusa Tenggara Timor, eastern Indonesia
Fisher, R., 2009, *GIS Applications for Sustainable Development and Good Governance in Eastern Indonesia and Timor Leste.* Fisher, R., Myers, B., Tarus, V. & Sanam, M. (eds.). Darwin: Charles Darwin University Press, p. 20-35 16 p.

Remote sensing of fire regimes in semi-arid Nusa Tenggara Timur, eastern Indonesia: current patterns, future prospects
Fisher, R., Bobanuba, W., Rawambaku, A., HILL, G. & Russell-Smith, J., 2006, In: International Journal of Wildland Fire. 15, 3, p. 307-317 11 p.

Contemporary landscape burning patterns in the far North Kimberley region of north-west Australia: human influences and environmental determinants
Vigilante, T., Bowman, D., Fisher, R., Russell-Smith, J. & YATES, C., 2004, In: Journal of Biogeography. 31, 8, p. 1317-1333 17 p.

Patterns of landscape fire and predicted vegetation response in the North Kimberley region of Western Australia
Fisher, R., Vigilante, T., Yates, C. & Russell-Smith, J., 2003, In: International Journal of Wildland Fire. 12, 3-4, p. 369-379 11 p.

Prizes