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Troy Sternberg

Integrated Researcher

CEI-Iscte - Centre for International Studies (ESPP)
[Sustainable Societies]



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Curriculum

Extensive travel led to Troy's interest in desert regions, environments and people. Thoughts on how arid lands functioned and why there was such great diversity and extent led to his DPhil on pastoral environments in the Gobi Desert (University of Oxford, 2009). Research focused on extreme climate hazards (drought, dzud), environments (water, steppe vegetation, desertification) and social dynamics (pastoralists, social-environmental interaction, mining and communities). Since 2005 Troy has continued to research in Mongolia; in 2010 northern China and in 2015 Central Asia became additional study sites. Work on mining, communities and conflict in drylands and Chinese drought impact on the Arab Spring has stimulated interest in how environmental factors contribute to contemporary conflict and displacement. Investigation in the Gobi Desert, Kyrgyz and Kazakh steppe, Za'atari Refugee Camp, Jordan, Al-Shati Camp, Gaza and Colombia reflect ongoing interest in socio-ecological contestation and community development.

Current research includes the FCT project 'Mystical Nature: A comparative study of religious-environmental dynamics among Inner Asian, African and North American dryland communities' at the Centre for International Studies, ISCTE-IUL as Co-Investigator; Post-Pandemic Societies in Inner Asia funded by the Japan Society for Promotion of Science (JSPS) and United Kingdom Research and Innovation – Economic and Social Research Council (ESRC) with the University of Oxford, UK; the Africa Multiple Cluster of Excellence - Mobilities and Socialities: COVID-19 in the Drylands with the University of Bayreuth, Germany; and FCT STIMULUS Award - Principal Investigator, 'Silk Road Geographies of Change', Centre for International Studies, ISCTE-IUL, Portugal.

Troy has received awards and scholarships including Portugal's Fundacao para Ciencias e Tecnologia STIMULUS Award, the Royal Geographical Society, British Academy, Oman-Thesiger Desert Fellowship, British Science Association, UK Research & Public Policy Partnership, UK Global Challenges Research Fund, ESRC Impact Accelerator, UK-China Visiting Scholars, UK US Fulbright Fellow, the EU's 'Drylands Facing Change' & 'Arid Lands Rehabilitation' and the UK Special Talent Visa. He feels travel is an integral part of geography and encourages engagement and understanding of our globalised world.

Research Interests

Asian deserts and drylands; Gobi Desert; arid environments; drought; dzud; mining and communities; pastoralism; development conflict and contestation in drylands, religious spirituality impact on pastoral environments

Academic Qualifications

University/Institution	Type	Degree	Period
University of Oxford	PhD	D Phil	2009

External Professional Activities

Period	Employer	Country	Description
2025 - 2025	United Nations	Mongolia	Create programme to empower women herders, build shallow water wells, develop an emergency fodder supply system for pastoralists

Total Citations

Web of Science®	2203
Scopus	2197

Publications

• Scientific Journals

- Scientific journal paper

1	Sternberg, Troy & Christopher McCarthy (2026). Artificial Intelligence Applications in Desert Research. Japanese Association for Arid Land Studies .
2	Christopher McCarthy, Simon Phillips, Yuki Konagaya, Takehiro Ozaki, Sternberg, Troy, Buho Hoshino...Erdenebuyan Enkhjargal (2026). Mapping the Great Mongolian Road: The Gaihzu Maps as Records of Inner Asian Trade Networks. Journal of Historical Geography.
3	Ahearn, Ariell, Batjav, Batbuyan , Chieko Hirota, Buho Hoshino, Akira Kamimura, Gantulga Munkherdene...Morinaga Yuki (2025). Economic Impacts and Health Care Access for Mobile Pastoralists during the Covid-19 in Mongolia . Nomadic Peoples.
4	Amir Lewin, Gopal Murali, Uri Roll, Sternberg, Troy & Shimon Rachmilevitch (2025). Rethinking desert definitions: Bridging the gap between science, policy, and conservation. Ambio.
5	McCarthy, C., Phillips, S., Sternberg, T., Yadamsuren, A., Nasanbat, B., Shaney, K....Enkhjargal, E. (2025). Can artificial intelligence support Bactrian camel conservation? Testing machine learning on aerial imagery in Mongolia's Gobi Desert. Environmental Conservation. 52 (3), 149-156

6	Sternberg, T. (2025). ESG and the mining industry: A Mongolian case study. <i>Journal of Environmental Assessment Policy and Management</i> . 27 (1) - Times Cited Scopus: 2
7	McCarthy, C., Phillips, S., Nergui, K., Adiya, T., Yadamsuren, A., Sternberg, T....Enkhjargal, E. (2025). Will indigenous plant knowledge survive? Documenting ethnobotany among Mongolia's nomadic communities in the Gobi desert. <i>Journal of Ethnobiology</i> . 45 (3), 239-260 - Times Cited Web of Science®: 1
8	Sternberg, T., McCarthy, C. & Enkhjargal, E. (2025). Mongolia mining: Licensed tenure or commons grabbing. <i>International Journal of the Commons</i> . 19 (1), 210-225
9	McCarthy, C., Banda, L. B., Kachamba, D. J., Junior, Z. E., Chisambi, C., Kumanga, N....Sternberg, T. (2024). Evaluating machine learning-based elephant recognition in complex African landscapes using drone imagery. <i>Environmental Research Communications</i> . 6 (11) - Times Cited Web of Science®: 2 - Times Cited Scopus: 2
10	Ying Tian, Kurt Ackermann, Christopher McCarthy, Sternberg, Troy, Myagmartseren Purevtseren, Che Limuge...Buho Hoshino (2024). Seasonal Dynamics of the Land-Surface Characteristics in Arid Regions Retrieved by Optical and Microwave Satellite Data. <i>Remote Sensing</i> . 16 (17), 3143 - Times Cited Web of Science®: 1 - Times Cited Scopus: 1
11	Christopher McCarthy, Yuki Konagaya, Sternberg, Troy, Erdenebuyan Enkhjargal & Buho Hoshino (2024). The forgotten middle Silk Road: Historical caravan route geographies between Mongolia and Tibet. <i>Journal of Historical Geography</i> . - Times Cited Web of Science®: 1 - Times Cited Scopus: 1
12	Brassett, J., Akmadi, M. & Sternberg, T. (2023). Seeing beyond negotiations: the impacts of the Belt and Road on Sino-Kazakh transboundary water management. <i>International Journal of Water Resources Development</i> . 39 (3), 361-381 - Times Cited Web of Science®: 10 - Times Cited Scopus: 8
13	Sternberg, T. & Ahearn, A. (2023). Mongolian mining engagement with SIA and ESG initiatives. <i>Environmental Impact Assessment Review</i> . 103 - Times Cited Web of Science®: 14 - Times Cited Scopus: 15
14	Ariell Ahearn & Sternberg, Troy (2023). Ruins in the making: socio-spatial struggles over extraction and export in the Sino-Mongolian Borderlands. <i>Eurasian Geography and Economics</i> . 64 (7-8), 919-942 - Times Cited Web of Science®: 11 - Times Cited Scopus: 7
15	Sternberg, T., Tchoroev, A. & Toktomushev, K. (2023). The role of mining in Kyrgyzstan's social acceptance of protest. <i>Resources Policy</i> . 85 - Times Cited Web of Science®: 3 - Times Cited Scopus: 3
16	McCarthy, C., Sternberg, T. & Banda, L. B. (2023). Does environmental aid make a difference? Analyzing its impact in developing countries. <i>Land</i> . 12 (10) - Times Cited Web of Science®: 2 - Times Cited Scopus: 1

17	<p>McCarthy, C., Sternberg, T., Hoshino, B., Banfill, J., Enkhjargal, E., Konagaya, Y....Phillips, S. (2022). Preserving the Gobi: Identifying potential UNESCO world heritage in Mongolia's Gobi desert. <i>Journal of Asia-Pacific Biodiversity</i>. 15 (4), 500-517</p> <p>- Times Cited Web of Science®: 8</p> <p>- Times Cited Scopus: 4</p>
18	<p>Sternberg, T., Roque de Pinho, J. & Batjav, B. (2022). Pastoral Khans: From Mongolian steppe to African savannah . <i>Mongolian Journal of International Affairs</i>. 23 (1)</p>
19	<p>Sternberg, T., Mayaud, J. R. & Ahearn, A. (2022). Herd It in the Gobi: Deserting pastoralism?. <i>Land</i>. 11 (6)</p> <p>- Times Cited Web of Science®: 15</p> <p>- Times Cited Scopus: 12</p>
20	<p>Chatila, H., Fischer, C., Amankwaa, G. & Sternberg, T. (2021). From emergency to durable water, sanitation and hygiene (WASH) interventions: Insights from the protracted Syrian refugee situation in Lebanon. <i>Journal of Water, Sanitation and Hygiene for Development</i>. 11 (5), 841-848</p>
21	<p>Sternberg, T., Batbuyan, B., Battsengel, B.-E. & Sainbayar, E. (2021). Research report: COVID-19 resilience in Mongolian pastoralist communities. <i>Nomadic Peoples</i>. 25 (1), 141-147</p> <p>- Times Cited Web of Science®: 1</p> <p>- Times Cited Scopus: 2</p>
22	<p>de Boer, T., Paltan, H., Sternberg, T. & Wheeler, K. (2021). Evaluating vulnerability of Central Asian water resources under uncertain climate and development conditions: The case of the IliBalkhash Basin. <i>Water</i>. 13 (5)</p> <p>- Times Cited Web of Science®: 25</p> <p>- Times Cited Scopus: 25</p>
23	<p>Foggin, J. M., Lechner, A. M., EmslieSmith, M., Hughes, A. C., Sternberg, T. & Dossani, R. (2021). Belt and Road Initiative in Central Asia: Anticipating socioecological challenges from large-scale infrastructure in a global biodiversity hotspot. <i>Conservation Letters</i>. 14 (6)</p> <p>- Times Cited Web of Science®: 16</p> <p>- Times Cited Scopus: 18</p>
24	<p>Sternberg, T. (2020). Conflict and contestation in Kyrgyz mining infrastructure. <i>Extractive Industries and Society</i>. 7 (4), 1392-1400</p> <p>- Times Cited Web of Science®: 20</p> <p>- Times Cited Scopus: 19</p>
25	<p>Sternberg, T., Ahearn, A. & McConnell, F. (2020). From conflict to a Community Development Agreement: A South Gobi solution. <i>Community Development Journal</i>. 55 (3), 533-538</p> <p>- Times Cited Web of Science®: 20</p> <p>- Times Cited Scopus: 15</p>
26	<p>Sternberg, T., McCarthy, C. & Hoshino, B. (2020). Does China's Belt and Road Initiative threaten food security in Central Asia?. <i>Water</i>. 12 (10)</p> <p>- Times Cited Web of Science®: 18</p> <p>- Times Cited Scopus: 19</p>
27	<p>Prvlie, R., Bandoc, G., Patriche, C. & Sternberg, T. (2019). Recent changes in global drylands: Evidences from two major aridity databases. <i>CATENA</i>. 178, 209-231</p> <p>- Times Cited Web of Science®: 140</p> <p>- Times Cited Scopus: 137</p>

28	Westheimer, N., Gilmont, M. & Sternberg, T. (2019). 'Hotel Middle East': Social shocks and adaptation in Jordan's domestic water sector. <i>Water International</i> . 44 (4), 444-462 - Times Cited Web of Science®: 3
29	Teo, H. C., Lechner, A. M., Walton, G. W., Chan, F. K. S., Cheshmehzangi, A., Tan-Mullins, M....Campos-Arceiz, A. (2019). Environmental impacts of infrastructure development under the Belt and Road Initiative. <i>Environments</i> . 6 (6) - Times Cited Web of Science®: 124 - Times Cited Scopus: 177
30	Sternberg, T. (2017). Investigating the presumed causal links between drought and dzud in Mongolia. <i>Natural Hazards</i> . 92 (Suppl 1), 27-43 - Times Cited Web of Science®: 32 - Times Cited Scopus: 29
31	Sternberg, T. & Edwards, M. (2017). Desert dust and health: A Central Asian review and steppe case study. <i>International Journal of Environmental Research and Public Health</i> . 14 (11) - Times Cited Web of Science®: 36 - Times Cited Scopus: 35
32	Sternberg, T., Ahearn, A. & McConnell, F. (2017). Central Asian 'Characteristics' on China's New Silk Road: The role of landscape and the politics of infrastructure. <i>Land</i> . 6 (3) - Times Cited Web of Science®: 58 - Times Cited Scopus: 48
33	Fang, X., Zou, B., Liu, X., Sternberg, T. & Zhai, L. (2016). Satellite-based ground PM2.5 estimation using timely structure adaptive modeling. <i>Remote Sensing of Environment</i> . 186, 152-163 - Times Cited Web of Science®: 190 - Times Cited Scopus: 197
34	Sternberg, T. & Chatty, D. (2016). Marginality, climate and resources in pastoral rangelands: Oman and Mongolia. <i>Rangelands</i> . 38 (3), 145-151 - Times Cited Web of Science®: 6 - Times Cited Scopus: 7
35	Sternberg, T. (2015). Water megaprojects in deserts and drylands. <i>International Journal of Water Resources Development</i> . 32 (2), 301-320 - Times Cited Web of Science®: 40 - Times Cited Scopus: 43
36	Sternberg, T. & Paillou, P. (2015). Mapping potential shallow groundwater in the Gobi Desert using remote sensing: Lake Ulaan Nuur. <i>Journal of Arid Environments</i> . 118, 21-27 - Times Cited Web of Science®: 25 - Times Cited Scopus: 23
37	Sternberg, T., Rueff, H. & Middleton, N. (2015). Contraction of the Gobi desert, 2000-2012. <i>Remote Sensing</i> . 7 (2), 1346-1358 - Times Cited Web of Science®: 45 - Times Cited Scopus: 43
38	Sternberg, T. (2015). Desert boundaries: The once and future Gobi. <i>Geographical Journal</i> . 181 (1), 61-72 - Times Cited Web of Science®: 11 - Times Cited Scopus: 11

39	Middleton, N., Rueff, H., Sternberg, T., Batjav, B. & Thomas, D. (2015). Explaining spatial variations in climate hazard impacts in Western Mongolia. <i>Landscape Ecology</i> . 30 (1), 91-107 - Times Cited Web of Science®: 53 - Times Cited Scopus: 51
40	Middleton, N. J. & Sternberg, T. (2013). Climate hazards in drylands: A review. <i>Earth-Science Reviews</i> . 126, 48-57 - Times Cited Web of Science®: 161 - Times Cited Scopus: 165
41	Sternberg, T. (2012). Piospheres and pastoralists: Vegetation and degradation in steppe grasslands. <i>Human Ecology</i> . 40 (6), 811-820 - Times Cited Web of Science®: 33 - Times Cited Scopus: 32
42	Wan, N., Zou, B. & Sternberg, T. (2012). A three-step floating catchment area method for analyzing spatial access to health services. <i>International Journal of Geographical Information Science</i> . 26 (6), 1073-1089 - Times Cited Web of Science®: 394 - Times Cited Scopus: 374
43	Sternberg, T. (2012). Chinese drought, bread and the Arab Spring. <i>Applied Geography</i> . 34, 519-524 - Times Cited Web of Science®: 137 - Times Cited Scopus: 125
44	Sternberg, T., Thomas, D. & Middleton, N. (2011). Drought dynamics on the Mongolian steppe, 1970-2006. <i>International Journal of Climatology</i> . 31 (12), 1823-1830 - Times Cited Web of Science®: 60 - Times Cited Scopus: 49
45	Sternberg, T., Tsolmon, R., Middleton, N. & Thomas, D. (2011). Tracking desertification on the Mongolian steppe through NDVI and field-survey data. <i>International Journal of Digital Earth</i> . 4 (1), 50-64 - Times Cited Web of Science®: 76 - Times Cited Scopus: 77
46	Sternberg, T., Viles, H. & Cathersides, A. (2011). Evaluating the role of ivy (<i>Hedera helix</i>) in moderating wall surface microclimates and contributing to the bioprotection of historic buildings. <i>Building and Environment</i> . 46 (2), 293-297 - Times Cited Web of Science®: 97 - Times Cited Scopus: 108
47	Sternberg, T., Viles, H., Cathersides, A. & Edwards, M. (2010). Dust particulate absorption by ivy (<i>Hedera helix</i> L) on historic walls in urban environments. <i>Science of The Total Environment</i> . 409 (1), 162-168 - Times Cited Web of Science®: 116 - Times Cited Scopus: 120
48	Sternberg, T. (2010). Unravelling mongolia's extreme winter disaster of 2010. <i>Nomadic Peoples</i> . 14 (1), 72-86 - Times Cited Web of Science®: 85 - Times Cited Scopus: 81
49	Sternberg, T. (2008). Environmental challenges in Mongolia's dryland pastoral landscape. <i>Journal of Arid Environments</i> . 72 (7), 1294-1304 - Times Cited Web of Science®: 97 - Times Cited Scopus: 91

50	<p>Sternberg, Troy, Gad Perry & Carlton Britton (2006). Grass Repellency to the Red Imported Fire Ant. Rangeland Ecology & Management. 59 (3), 330-333</p> <p>- Times Cited Web of Science®: 16</p> <p>- Times Cited Scopus: 14</p>
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• Books and Book Chapters

- Book author

1	David Thomas, Sternberg, Troy, Sallie Burrough, Nicholas Drake & Marion Meyer (2025). The World Atlas of Deserts and Drylands. Princeton. Princeton University Press.
2	Sternberg, Toktomushev & Ichinkhorloo (2021). Mining lifecycles in Mongolia and Kyrgyzstan. Abingdon. Routledge.

- Book editor

1	<p>Sternberg, Troy (2017). Climate Hazard Crises in Asian Societies and Environments. Abingdon. Routledge.</p> <p>- Times Cited Scopus: 2</p>
2	Sternberg, Troy, Ahearn, Ariell & Hahn, Allison (2017). Pastoralist Livelihoods in Asian Drylands Environment, Governance and Risk.
3	Sternberg, Troy & Chatty, Dawn (2013). Modern Pastoralism and Conservation Old Problems, New Challenges. Cambridgeshire. White Horse Press.

- Book chapter

1	Sternberg, Troy (2024). The Disenchantment of Mining and its Politics Machine: a Cautionary Tale from Mongolia. In Disenchanted Modernities: Mega-Infrastructure Projects, Socio-Ecological Changes and Local Responses. (pp. 80-106).: Tobias Haller; Samuel Weissman.
2	<p>Pas, Haller, Blanco-Gutiérrez, Sternberg, Troy & Meyfroidt (2022). Alternative perspectives: A bright side of natural resource governance in drylands. In Drylands Facing Change Interventions, Investments and Identities.</p> <p>- Times Cited Scopus: 1</p>
3	<p>de Bruijn, Zhang, Abu-Khisk, Butt, Hashimshony-Yaffe, Sternberg, Troy...Pas (2022). Drylands connected: Mobile communication and changing power positions in (nomadic) pastoral societies. In Drylands Facing Change Interventions, Investments and Identities.</p> <p>- Times Cited Scopus: 1</p>
4	Sternberg, Troy, Bolay, M., Haller, T. & Niederberger, T. (2022). The 'open cut' in drylands: Challenges of artisanal mining and pastoralism encountering industrial mining, development, and resource grabbing. In Drylands Facing Change Interventions, Investments and Identities.

5	<p>Roque de Pinho, J., Kronenburg Garcia, A., Hashimshony-Yaffe, N., Sternberg, T., Neboo, S., Seenoi, D....Pase, A. (2022). Pastoralists under COVID-19 lockdown: Collaborative research on impacts and responses in Kenyan and Mongolian drylands. In Angela Kronenburg García, Tobias Haller, Han van Dijk, Cyrus Samimi, Jeroen Warner (Ed.), Drylands facing change: Interventions, investments and identities. (pp. 215-235). London: Routledge.</p> <p>- Times Cited Scopus: 2</p> <p>- Times Cited Google Scholar: 2</p>
6	<p>Sternberg, T. (2017). Water towers: Security risks in a changing climate. In Epicenters of climate and security: The new geostrategic landscape of the Anthropocene.</p>

• Other Publications

- Working Papers

1	<p>Roque de Pinho, Joana, AlKirna, Jamalwi, Batjav, Batbuyan , Gargallo, E., Hashimshony-Yaffe, Nurit, Kronenburg Garcia, Angela...Tallio, V. (2020). COVID-19 in African and Asian Drylands Research Agenda. COVID-19 in African and Asian Drylands Research Agenda-Setting Paper. 1-4</p>
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• Conferences/Workshops and Talks

- Talk

1	<p>Roque de Pinho, Joana & Sternberg, Troy (2025). Mystical Natures: Preliminary findings on interconnected religious and environmental transformations in Kenya and Mongolia. ICS - Seminários em Estudos Pós-Graduados - Antropologia .</p>
2	<p>Sternberg, Troy & Christopher McCarthy (2025). A new paradigm in desert research: using Artificial Intelligence in arid environments. Desert Technology XVI International Conference on Arid Lands.</p>
3	<p>Sternberg, Troy (2025). Japan - EU energy governance adapts to US tariff disruption. International Society for Energy Transition Studies.</p>
4	<p>Sternberg, Troy (2025). Music for Peace in Deserts. Music for peace in deserts.</p>
5	<p>Sternberg, Troy (2024). Internationalising pastoralist interactions in the Year of Rangelands and Pastoralism (UN IYRP). LOOKING TOWARDS THE UNITED NATIONS INTERNATIONAL YEAR OF RANGELANDS AND PASTORALISTS 2026: A UNITED KINGDOM-JAPAN INTEREXCHANGE DIALOGUE FEATURING FIELD RESEARCH CONDUCTED INNER ASIA AND AFRICA.</p>
6	<p>Sternberg, Troy (2024). The critical role of women herders in Mongolia. Japanese Association of Mongolian Studies Conference.</p>
7	<p>Sternberg, Troy (2024). Women in herding societies: directions from Mongolia. Life In Kyrgyzstan Conference.</p>
8	<p>Sternberg, Troy, Roque de Pinho, Joana & Batjav, Batbuyan (2024). Encountering spirituality through a Gobi dryland transect. Symposium Pastoralism in transition: Exploring intersections of religious and environmental changes, Nov. 6-8, 2024, ISCTE-IUL.</p>
9	<p>Sternberg, Troy (2023). Pastoral Khans: from the Mongolian Steppe to the African Savannah. Nomadic Ethics and Intercultural Dialogue: Past, Present and Future International Conference. International Institute for the Study of Nomadic Civilizations (IISNC), UNESCO, the Commission on Nomadic Peoples & Mongolian Anthropological Association. Ulaan Baatar, Mongolia.</p>

10	Sternberg, Troy (2023). Women herders changing role in Gobi pastoralism. International Union of Anthropological and Ethnological Sciences - IUAES. 5 year international congress, New Delhi, India.
11	Sternberg, Troy (2023). Social License to Protest - Mining in Kyrgyzstan. Engaging with the giant – Mega-infrastructure projects and local communities.
12	Sternberg, Troy (2023). Pastoral women's transition on the Mongolian Steppe. Desert Disorders.
13	Sternberg, Troy & Roque de Pinho, Joana (2023). Mystical Natures: Do religious changes impact environmental change in pastoralist drylands: Mongolia and Kenya?. Invited talk. Tokai University. Tokai, Tokyo, Japan. May 10, 2023.
14	Sternberg, Troy & Roque de Pinho, Joana (2023). Mystical Natures: Exploring connections between environmental and religious changes in Mongolian and Kenyan drylands. Mystical Natures: Exploring connections between environmental and religious changes in Mongolian and Kenyan drylands. Open Environmental Sociology Lecture, ISCSP-UL.
15	Sternberg, Troy & Roque de Pinho, Joana (2023). Mystical Natures: Exploring connections between environmental and religious changes in Mongolia. Mystical Natures: Exploring connections between environmental and religious changes in Mongolia. Public lecture at Sociedade de Geografia de Lisboa, 13 Jan. 2023.
16	Sternberg, Troy & Roque de Pinho, Joana (2023). Does Religious Change Lead to Environmental Change in Kenya and Mongolia? . "Post-Pandemic Societies in Inner Asia" Project Seminar - Pastoralism, Spirituality, and Performance (Mongolia and Kenya). Tokyo University of Foreign Studies, Tokyo, Japan. May 15, 2023.

Research Projects

Project Title	Role in Project	Partners	Period
Mystical Nature: A comparative study of religious-environmental dynamics among Inner Asian, African and North American dryland communities	Co-coordinator	CEI-Iscte - Leader, SOGE - (United Kingdom)	2021 - 2025

Awards

International Research Fellow, Tokai University, Japan (2023)

Research Networks

Research Network Name	Representative Role	Period
COST ACTION Drylands Facing Change (CA16233)	Core group member; Management Committee member	2017 - 2022

EU COST ACTION: Dryands Facing Change	Management Committee member; Short Term Research Mission director	2017 - 2022
Covid-19 in African, Asian and North American Drylands Working Group	Researcher	2020 - 2022
Social Science Extreme Event Research Network	Researcher; Mongolian coordinator	2020 - 2022

Professional Associations

Visiting Professor (Since 2022)
Lisbon Geographical Society (Since 2022)
Worcester College, Oxford (Since 2010)
Royal Geographical Society (2005 - 2021)

Organization/Coordination of Events

Type of Organization/Coordination	Event Title	Organizer	Year
Coordination of scientific event (with scientific committee) at ISCTE-IUL	Oxford International Desert Conference	University of Oxford	2025
Member of scientific event's organizing committee	Central Eurasian Studies Society and the ESCAS - European Society for Central Asian Studies	University of Lisbon	2025
Coordination of scientific event (with scientific committee) outside of ISCTE-IUL	Academic Writing Workshop for Early Career Researchers	Hokkaido University, Japan	2024
Coordination of scientific event (with scientific committee) at ISCTE-IUL	Academic Writing Workshop for Early Career Researchers	Rakuno Gakuen University	2024
Coordination of scientific event (with scientific committee) at ISCTE-IUL	A GLOBAL REFLECTION ON PASTORALISM AND RELIGIOUS AND ENVIRONMENTAL CHANGE	FCT Mystical Natures project, CEI-ISCTE	2024
Coordination of non-scientific event	Central Asian Network, University of Oxford	University of Oxford, UK	2023
Member of scientific event's organizing committee	International Union of Anthropological and Ethnological Sciences - IUAES. 5 year international congress, New Delhi, India	IUAES	2023
Coordination of scientific event (with scientific committee) outside of ISCTE-IUL	Academic writing workshop	University of Central Asia	2023
Coordination of scientific event (with scientific committee) outside of ISCTE-IUL	Sharing academic writing with the world: Kyrgyzstan Summer School	University of Central Asia	2023
Coordination of scientific event (with scientific committee) outside of ISCTE-IUL	Research Seminar - Lisbon Research Network	CEI Iscte	Since 2023

Coordination of scientific event (with scientific committee) at ISCTE-IUL	Oxford Desert Conference	ISCTE - University of Oxford	2023
Coordination of scientific event (with scientific committee) at ISCTE-IUL	Nawruz Persian New Year event	ISCTE - University of Oxford	2023
Coordination of scientific event (with scientific committee) at ISCTE-IUL	Academic Writing Workshop	Kobe University, Japan	2023
Member of scientific event committee	Congress on Covid-19 in Drylands, Maasai Mara, Kenya	University of Bayreuth	2022
Member of scientific event's organizing committee	Academic Research and Writing Summer School	National University of Mongolia	2022
Member of scientific event's organizing committee	Fostering Adaptive Governance and Resilience in Local Communities of Central Eurasia: from fragmented pasts to connected futures?	University of Oxford, University of Kent, University of Durham	2020 - 2022
Member of scientific event committee	Enhancing connectivity and local communities in Uzbekistan: building resilient and adaptive governance	University of World Economy and Diplomacy, Uzbekistan	To 2021
Coordination of scientific event (with scientific committee) at ISCTE-IUL	Covid-19 and Pastoralists – International Virtual Forum	CEI, ISCTE-IUL; University of Oxford	To 2021
Coordination of scientific event (with scientific committee) outside of ISCTE-IUL	Post-graduate research course 'International Scientific Research Week'	University of Oxford	To 2019
Member of scientific event committee	Mystical Natures science retreat, Quinta dos Salgueiros, Idanha-a-Nova, Portugal	Centro de Estudos Internacionais (CEI), ISCTE-IUL	To 2021
Member of scientific event committee	Assembleia Geral da COST Action 16233 (Drylands Facing Change: Interdisciplinary Research on Climate Change, Food Insecurity, Political Instability)	Centro de Estudos Internacionais (CEI), ISCTE-IUL	--
Member of scientific event's organizing committee	Deserts and Fire Workshop	CEI - ISCTE, University of Oxford	To 2021
Member of scientific event committee	Seminar in International Studies: What does it mean to decolonize conservation? Reflections with Maasai in East Africa (Mara J. Goldman)	Centro de Estudos Internacionais (CEI), ISCTE-IUL	To 2022
Coordination of scientific event (with scientific committee) at ISCTE-IUL	Central Asian Network for researchers - organisational meeting	University of Oxford	To 2022

Diffusion Activities

Activity Type	Event Title	Activity Description	Year
Talk/Conference in public diffusion event	Academic Writing seminar - publishing in English	Academic Writing seminar - publishing in English	2025
Talk/Conference in public diffusion event	Japanese Association of Mongolian Studies	Lecture to specialist audience of Mongolian scholars in Tokyo, Japan	2024

Talk/Conference in public diffusion event	10th Anniversary Life in Kyrgyzstan Conference	Conference presentation	2024
Talk/Conference in public diffusion event	English Academic Writing seminar	English Academic Writing seminar - Meiji University, Tokyo	2024
Talk/Conference in public diffusion event	International Union of Anthropological and Ethnological Sciences - IUAES, International 5-year Conference	Presentation - Women herders' changing role in Gobi pastoralism	2023
Talk/Conference in public diffusion event	Lecture, Tokyo Foreign Studies University, Tokyo, Japan	Does religious change lead to environmental change? A tale of two pastoral drylands – Kenya and Mongolia	2023
Talk/Conference in public diffusion event	Mystical Natures: A comparative study of religious-environmental dynamics among Mongolian and Kenyan dryland communities	Lecture at ISCSP University of Lisbon	2023
Talk/Conference in public diffusion event	Engaging with the giant – Mega-infrastructure projects and local communities	Training, presentation - Social License to Protest	2023
Talk/Conference in public diffusion event	Nomadic Ethics and Intercultural Dialogue	Talk: Pastoral Khans: Mongolian herders' contribution to intercultural dialogue	2023
Talk/Conference in public diffusion event	Lecture at ISCTE-IUL, Lisbon, Portugal	Spirituality, environment and pastoralism on the steppe: a Mongolian story	2023
Talk/Conference in public diffusion event	Mystical Natures: Exploring connections between environmental and religious changes in Mongolia	Invited lecture open to the public at the Lisbon Geographical Society	2023
Talk/Conference in public diffusion event	Academic introduction for secondary school students	Introduction to the academic world of possibilities	2023
Talk/Conference in public diffusion event	Lecture, Tokai University, Tokai, Japan	Mystical Natures: Do religious changes impact environmental change in pastoralist drylands: Mongolia and Kenya	2023
Talk/Conference in public diffusion event	Sharing academic writing with the world: an example from a Mongolian Summer School	Talk presenting writing research findings and interests across Lisbon universities	2023
Talk/Conference in public diffusion event	Pastoral diaspora: herders, migrants or explorers?	Keynote talk. Kobe University, Japan. Workshop - Transformation of Urban-Rural Relationships and Well-Being in Contemporary Mongolia	2023
Talk/Conference in public diffusion event	Desert Mobilities workshop	Presentation at Desert Mobilities workshop	2023
Coordination of knowledge diffusion event	Academic training and international writing: Kyrgyzstan Summer School	Osh State University: Academic training and international writing: Kyrgyzstan Summer School	2023
Coordination of knowledge diffusion event	Lisbon Research Network	Seminar bringing academics together from different universities in Lisbon to discuss research	2023

Member of organizing committee of knowledge diffusion event	Degradation and desertification on the Mongolian steppe: where is the evidence ?	Presentation and public discussion of land degradation and/or desertification in Mongolia	2023
Talk/Conference in public diffusion event	Lisbon Research Network	Sharing academic writing with the world: a Mongolian summer school	2023
Talk/Conference in public diffusion event	The Nomadic Steppe: Life in Mongolian Time	Lecture at NOVA School of Science and Technology	2023
Talk/Conference in public diffusion event	Climate, environment and development in Asia's nomadic steppe A Mongolian story	Talk at Agronomia University, University of Lisbon	2023
Coordination of knowledge diffusion event	Environment of the EurAsian Steppe	Presentation to academics at Agronomia University, Lisbon	2022
Talk/Conference in public diffusion event	Drylands Facing Change - EU Cost Action	National representative, Drylands Facing Change CA 16233	2021
Talk/Conference in public diffusion event	Life in Kyrgyzstan	Conference keynote presentation, University of Central Asia	2019

Scientific Editing/Reviewing Activities

Type of Activity	Journal Title	ISSN/Quartile	Period	Language
Scientific journal editor	Journal of Environmental Assessment Policy and Management		Since 2025	English
Scientific journal editor	Land	2073-445X / Q1	2017 - 2022	English
Scientific journal editor	Natural Hazards	0921-030X / Q1	--	English
Scientific journal editor	Natural Hazards	0921-030X / Q1	--	English