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In Canada	202 – 1929 154 th Street South Surrey, BC V4A 4S2
Email	marc.foggin@gmail.com marc.foggin@ucentralasia.org
Citizenship	Canadian
Date of birth	06 May 1970
Marital status	Married, with one son
Summary of qualifications	BSc (First Class Honours, Biology), McGill University, 1993 PhD (Biology), Arizona State University, 2000 LEAD Fellow, 2009
Areas of specialisation	Conservation biology, community development, nomadic pastoralism, grassland management, Tibetan plateau and Central Asian biodiversity, protected area management, ecosystem services, climate change adaptation

Summary of professional experience

Nearly 20 years' experience in biodiversity conservation and community development, with primary focus on community-based initiatives in the Tibetan Plateau region of China and in Central Asian mountain areas. Currently serves as Acting Director of Mountain Societies Research Institute (MSRI), University of Central Asia (UCA). Lengthy experience in both NGO project implementation and academic research in fields of grasslands and wildlife ecology; community conservation projects; development projects focused on enhancing pastoralists' livelihoods and well-being, including education, community health and income generation; community co-management and protected area management; policy analysis; and capacity building at different administrative levels. Has led the work of the non-profit organization Plateau Perspectives since 1998, and also has served as consultant for World Wildlife Fund (WWF), Fauna and Flora International (FFI) and United Nations Development Programme (UNDP). In 2013 served as Chief Technical Advisor (CTA) for the UNDP/GEF Qinghai Biodiversity Conservation Project, which seeks to strengthen the management effectiveness of the protected area system in Qinghai province, China. Until recently was Honorary Research Fellow, Durrell Institute of Conservation and Ecology (DICE), University of Kent. Professional member of the international Society for Conservation Biology (SCB), IUCN's World Commission on Protected Areas, and several other IUCN working groups.

Professional associations

2000 – present	Society for Conservation Biology
2005 – present	The Snow Leopard Network (SLN)
2010 – present	Indigenous and Community Conserved Areas (ICCA) Consortium
2010 – present	IUCN Comm. on Environmental, Economic & Social Policy (CEESP)
2010 – present	IUCN Strategic Direction on Governance, Communities, Equity, and Livelihood Rights in Relation to Protected Areas (TILCEPA)
2010 – present	IUCN WCPA Mountains Mountain Protected Areas Network
2014 – present	IUCN World Commission on Protected Area (WCPA)
2014 – present	Citizen Science Association

Professional appointments

Present appointments

Mar 14 – present	Senior Research Scientist, Mountain Societies Research Institute, University of Central Asia The Mountain Societies Research Institute is an interdisciplinary research centre that addresses challenges and opportunities within Central Asian mountain communities and environments. MSRI's goal is to support and enhance resilience and quality of life of mountain societies through the generation and application of sound research.
Nov 15 – present	Honorary Research Associate, Institute of Asian Research (IAR), University of British Columbia (UBC)

Previous appointments, training workshops, etc.

Apr 15 – Sep 15	Acting Director, Mountain Societies Research Institute (MSRI), University of Central Asia
Oct 11 – Sep 14	Honorary Research Fellow, Durrell Institute of Conservation & Ecology (DICE), University of Kent As the largest academic institute in the UK dedicated to conservation, DICE seeks to reduce barriers between natural and social sciences, to build capacity with a focus in biodiversity-rich developing countries.
Jan 13 – Feb 14	Chief Technical Advisor (CTA), UNDP/GEF project “ <i>Strengthening the effectiveness of the protected area system in Qinghai Province, China to conserve globally important biodiversity</i> ” (US\$ 23,854,545). Project co-financed by the People’s Government of Qinghai Province and implemented by the provincial Qinghai Forestry Department.
Apr 12 – Sep 13	International Team Leader for preparation of full project document for the UNDP project “ <i>Strengthening the management effectiveness of the protected area landscape in Altai Mountains and Wetlands</i> ” in Xinjiang Uyghur Autonomous Region, China.

Jan 15 – present	<p>International Fellow, The Explorers Club</p> <p>The Explorers Club is an international multidisciplinary professional society dedicated to the advancement of field research and the ideal that it is vital to preserve the instinct to explore. Founded in 1904, it promotes the scientific exploration of land, sea, air, and space by supporting research in the physical, natural and biological sciences.</p>
Oct 98 – present	<p>Founder and International Director, Plateau Perspectives</p> <p>Plateau Perspectives is an international non-profit organization that promotes biodiversity conservation and sustainable development in the Tibetan plateau and surrounding highlands of Central Asia. Main program areas include community health, environmental protection, basic education, income generation, and emergency disaster relief.</p>
Jul 09 – Jun 13	Associate Professor, School of Geography & Life Sciences, Qinghai Normal University
December 12	Leader of study tour in Nepal for government and non-government delegates from Qinghai, China, with focus on development of tourism for conservation and poverty alleviation purposes. Special emphasis on tourism in protected areas and regional multi-community projects such as the 'Great Himalayan Trail' initiative.
Nov 11 – Dec 11	Community Co-management Specialist, consultancy for UNDP-GEF, reporting to Regional Technical Advisor (RTA) for Ecosystems and Biodiversity for Asia and the Pacific, Environment & Sustainable Development Practice Team, UNDP Asia-Pacific Regional Centre.
Sep 11 – Oct 11	Leader of study tour in Norway, including Røros and Finnmark, with a focus on regional tourism development strategies, nature tourism and tourism in ethnic minority areas, as well as distance learning and the significance of cultural identity for Sami reindeer herders.
Sep 11	Invited speaker at the Peace Research Institute in Oslo (PRIO), <i>Pastoralism in China – New dialogues regarding conservation & sustainable development on the Tibetan plateau; Addressing some of the challenges for the sustainable management of natural resources in the Sanjiangyuan region, Qinghai Province</i> , as part of the project entitled <i>Pastoralism in China: National Policies and Local Practices</i> undertaken jointly with the Chinese Academy of Social Sciences.
Aug 11	Invited speaker and member of the conference planning committee, <i>International Symposium on the Human Dimensions of Ecological Conservation in the Tibetan Plateau</i> , held in Xining, China, 21-26 August 2011; hosted by the Qinghai Academy of Social Sciences.
May 09 – Apr 11	Foreign Expert, Tibet, China; for national project entitled <i>Community participation in biodiversity conservation and resource management on the Tibetan plateau</i> , with Tibet Agriculture College in Bayi, Linzhi.
Apr 10 – Mar 11	Project Leader, <i>Yushu Earthquake Relief – Plateau Perspectives'</i> response to the devastating earthquake in Yushu on 14 April 2010.

- Nov 10 Convener and facilitator, *Yushu International Ecotourism Workshop*, held in Xining, China, 8-10 November 2010; co-hosted by Plateau Perspectives and Qinghai Normal University, with participation from DICE, University of Kent, UK.
- Sep 10 Leader of study tour to Canada on environmental management and tourism development; co-hosted by Parks Canada, with participants from Qinghai Province and Tibet Autonomous Region, China.
- Mar 10 Invited participant at GEF-funded Asia Round Table for indigenous stewardship practitioners, organized by First Peoples Worldwide and held in Chiang Mai, Thailand.
- Mar 10 Field-based training and implementation of community conservation project focused on snow leopard conservation in the headwaters of the Yangtze River; part of larger cooperative project with local herding communities and the Sanjiangyuan National Nature Reserve.
- Dec 09 Lecture series on conservation and protected area management with focus on lessons learned in Qinghai Province and Canada, presented at Tibet Agriculture College in Linzhi Prefecture, Tibet, China.
- Nov 09 Organizer and presenter at two specialist workshops, on grassland conservation and management, and on ecotourism development in the Sanjiangyuan region; co-hosted by Qinghai Normal University.
- Oct 09 Applied conservation research on snow leopard, in collaboration with the Sanjiangyuan National Nature Reserve; with capacity building for local herders to serve as wildlife monitors, and technical training on use of camera traps and electric fences.
- July 09 Participation at 16th World Congress of IUAES in Kunming, China. Paper presented: *Can environmental goals and human development goals both be met through 'ecological migration'? A review of the Canadian experience of resettlement and its social and development consequences.* (Forthcoming in a book to be published in China.)
- July 09 Co-chair and discussant on the panel *Ecological resettlement: Local participation and policy improvement*, funded by the Ford Foundation.
- July 09 Paper presented at the Society for Conservation Biology meeting held in Beijing, China (co-author, Gongbo Tashi): *Emerging challenges to sustainable management of natural resources when policies are not conducive to conservation or social harmony on the plateau.*
- Sep 08 Leader, study tour to the Gobi Gurvansaikhan National Park in South Gobi, Mongolia, with the NGO People-Centred Conservation (PCC).
- Feb 08 Invited speaker for inaugural seminar on environmental protection by Bistandsnemnda (Norway): *Environment and Indigenous Peoples: The experience of Plateau Perspectives in partnership with Tibetan herders.* Seminar held in Oslo, Norway, 26 February 2008.

Oct 04 - Jul 05	Consultant (part-time) for the Four Great Rivers Society, giving assistance in the development of the <i>Four Great Rivers Project</i> , with the aim of integrating ecosystem management and human welfare.
Dec 04	Invited Reviewer for Millennium Ecosystem Assessment sub-global <i>Integrated Ecosystem Assessment of Western China</i> .
May 04	Plenary Speaker and Academic Committee for the <i>First International Conference on Environment & Development in West China</i> , China Association of Science & Technology (Xian, Shaanxi, China).
Feb 04	Trainer on wildlife monitoring techniques and grassland ecology, for local NGOs during a four-day workshop (Yushu, Qinghai, China).
May 03 - Aug 03	Consultant for Future Generations, focus on concept development for a new training centre in Tibet Autonomous Region, China, leading to the <i>Four Great Rivers Project</i> (see above for more detail).
Sep 02 - Mar 03	Visiting Scholar, Centre for Research in Ecological & Environmental Monitoring, University of St Andrews (St Andrews, Scotland)
Jun 99 - Nov 02	Project Manager of the Upper Yangtze Project, a collaborative project with the Biodiversity Working Group (China Council for International Cooperation on Environment & Development).
Apr 02	Consultant for WWF China (Tibet Program), training workshop on conservation and wildlife monitoring for staff of the Changtang Nature Reserve (Nagqu, Tibet, China).
Apr 01 - Mar 02	Environmental Advisor, Kunde Foundation (Shannan, Tibet, China).
Sep 00 - Dec 01	Co-implementer of the Integrated Health Programme of the FINNIDA-funded <i>Tibetan Literacy and Health Programme 2001-2004</i> .
Nov 01	Consultant for Fauna & Flora International, for conservation project on habitat and wildlife research planning (Zhiduo, Qinghai, China).
Jun 01	Advisor and participant in cross-sectoral workshop organized by the CCICED Biodiversity Working Group and the Qinghai Environmental Protection Bureau (Xining, Qinghai, China).
Aug 98	Invited Speaker at international conference, <i>Tibet's Biodiversity: Conservation & Management</i> , sponsored by WWF China and the Tibet Forest Bureau (Lhasa, Tibet, China).

Publications

Publications – In preparation

Foggin, J.M. In preparation. Conservation Issues: Mountain Ecosystems. Commissioned article for the section 'Conservation Biogeography' of the Elsevier encyclopaedia module 'Earth Systems and Environmental Sciences.'

Publications – Academic journals

Shigaeva, J., Hagerman, S., Zerriffi, Z., Hergarten, C., Isaeva, A., Mamadalieva, Z., and Foggin, M. *In press*. Decentralizing Governance of Agropastoral Systems in Kyrgyzstan: An Assessment of Recent Pasture Reforms. Mountain Research & Development.

Zhang, X.H., Schuman, M., Gao, Y.H., Foggin, J.M., Wang, S.Z., and Joosten, H. *In press*. Restoration of high altitude peatlands on the Ruogai Plateau. Chapter 13, Peatland Restoration and Ecosystem Services – Science, Policy and Practice, by A. Bonn, T. Allott, M. Evans, H. Joosten & R. Stoneman (eds). Cambridge University Press.

Buytaert, W., Zulkafli, Z., Grainger, S., Acosta, L., Bastiaensen, J., De Bièvre, B., Bhusal, J., Chanie, T., Clark, J., Dewulf, A., Foggin, M., Hannah, D.M., Hergarten, C., Isaeva, A., Karpouzoglou, T., Pandey, B., Paudel, D., Sharma, K., Steenhuis, T., Tilahun, S., Van Hecken, G., and Zhumanova, M. 2014. Citizen science in hydrology and water resources: opportunities for knowledge generation, ecosystem service management, and sustainable development. Frontiers in Earth Science (Hydrosphere) 2:26. doi: 10.3389/feart.2014.00026

Foggin, J.M. 2014. Managing Shared Natural Heritages: Towards More Participatory Models of Protected Area Management in Western China. Journal of International Wildlife Law & Policy 17(3):130-151. doi: 10.1080/13880292.2014.953391

Hodges, J., Foggin, J.M., Long, R.J., and Zhaxi, G. 2014. Globalisation and the sustainability of farmers, livestock-keepers, pastoralists and fragile habitats Biodiversity 15(2-3):109-118. doi:10.1080/14888386.2014.931247.

Foggin, J.M. 2012. Pastoralists and wildlife conservation in western China: collaborative management within protected areas on the Tibetan Plateau. Pastoralism: Research, Policy and Practice 2:17. doi:10.1186/2041-7136-2-17.

Tashi, Gongbo., and Foggin, J.M. 2012. Resettlement as Development and Progress? Eight Years On: Review of emerging social and development impacts of an 'ecological resettlement' project in Tibet Autonomous Region, China. Nomadic Peoples 16(1):134-151.

Foggin, J.M., and Torrance-Foggin, M.E. 2011. How can social and environmental services be provided for mobile Tibetan herders? Collaborative examples from Qinghai Province, China. Pastoralism: Research, Policy and Practice 1:21. doi:10.1186/2041-7136-1-21.

Foggin, J.M. 2011. Rethinking 'Ecological Migration' and the Value of Cultural Continuity – A Response to Wang, Song and Hu. AMBIO: A Journal of the Human Environment 40:100-101.

Foggin, J.M., and J. Rabden. 2010. Trial use of electric fencing to prevent intrusions by Tibetan brown bear. International Bear News 19(1):15-18.

Gongbo Tashi, and J.M. Foggin. 2009. Evaluation of Migration Village: Namsaling Dekhi Village. Journal of Agriculture and Animal Husbandry College of Tibet 2009-3: 31-38.

Worthy, F. R., and J. M. Foggin. 2008. Conflicts between local villagers and Tibetan brown bears (*Ursus arctos*) threaten conservation of bears in a remote region of the Tibetan plateau. Human-Wildlife Conflicts 2(2): 200-205.

Foggin, J.M. 2008. Depopulating the Tibetan grasslands: National policies and perspectives for the future of Tibetan herders in Qinghai Province, China. Mountain Research and Development 28(1): 26-31.

Hornskov, J., and Foggin, M. 2007. Brief notes on the Altai Weasel *Mustela altaica* on the Tibetan plateau. Small Carnivore Conservation (Journal of IUCN/SSC Small Carnivore Specialist Group) 36: 48-49.

Foggin, P.M., M.E. Torrance, Drashi Dorje, W. Xuri, J.M. Foggin and J. Torrance. 2006. Assessment of the health status and risk factors of Kham Tibetan pastoralists in the alpine grasslands of the Tibetan Plateau. Social Sciences & Medicine 63: 2512-2532.

Katzner, T.E., C.H. Lai, J.D. Gardiner, J.M. Foggin, D. Pearson and A.T. Smith. 2004. Adjacent nesting by Bearded Vulture *Gypaetus barbatus* and Himalayan Griffon Vulture *Gyps himalayensis* on the Tibetan Plateau, China. Forktail 20: 94-96.

Foggin, P.M., J.M. Foggin and C. Shiirev-Adiya. 2000. Animal and human health among seminomadic herders of central Mongolia: brucellosis and the bubonic plague in Ovörhangay Aimag. Nomadic Peoples 4(1): 148-168.

Smith, A.T. and J.M. Foggin. 1999. The plateau pika (*Ochotona curzoniae*) is a keystone species for biodiversity on the Tibetan plateau. Animal Conservation 2: 235-240.

Blumstein, D.T. and J.M. Foggin. 1997. Effects of vegetative variation on weaning success, overwinter survival, and social group density in golden marmots (*Marmota caudata aurea*). Journal of Zoology, London 243: 57-69.

Blumstein, D.T. and J.M. Foggin. 1993. Playing with fire? Alpine choughs play with a Tibetan red fox. Journal of the Bombay Natural History Society 90: 513-515.

Publications – Book chapters, conference proceedings

Foggin J.M. and Phillips J. 2013. Horizontal Policy Analysis: A tool to promote sustainable livelihoods development; with implications for Ecological Resettlement and other major development programs in the Tibetan Plateau region. Pp. 3-30 in: Å. Kolås and Zhaluo (eds), Pastoralism in Contemporary China: Policy and Practice. Beijing, China: Social Science Academic Press. [In Chinese]

Foggin, J.M., and Gongbu Zhaxi. 2013. Can Ecological Migration policy in the Tibetan plateau region achieve both conservation goals and human development goals? A review of the Canadian experience of relocation and settlement. In Troy Sternberg and Dawn Chatty (eds), Modern Pastoralism and Conservation: Old Problems, New Challenges. Isle of Harris, UK: White Horse Press.

Foggin, J.M. 2011. Local Communities and Conservation on the Tibetan Plateau: Two case studies of collaborative management in the Sanjiangyuan region. In the Proceedings of the International Symposium on the Human Dimensions of Ecological Conservation on the Tibetan Plateau region, held in Xining, Qinghai, China, on 21-26 August 2011.

Foggin, P.M., M.E. Torrance, and J.M. Foggin. 2009. Accessibility of Healthcare for Pastoralists in the Tibetan Plateau Region: A case study from southern Qinghai Province, China. In Cao H (ed), Ethnic Minorities and Regional Development in Asia: Reality and Challenges. Amsterdam, Holland: Amsterdam University Press.

Foggin, P.M., and Foggin, J.M. 2008. The practice and experience of settlement and relocation among Canada's Aboriginal peoples [Chinese version]. Pp. 173-185 in the

Proceedings of Canada-China Forum, Western Development and Socio-Economic Change, eds. P. Potter and Du F. Beijing, China: The Intellectual Property Publishing House.

Foggin, J.M. 2005. Highland Encounters: Building new partnerships for conservation and sustainable development in the Yangtze River headwaters, heart of the Tibetan Plateau. In J. Velasquez, M. Yashiro, S. Yoshimura and I. Ono (eds), Innovative Communities: People-centred Approaches to Environmental Management in the Asia-Pacific Region. Tokyo, Japan: United Nations University (UNU) Press.

Bailey J.F., B. Healy, H. Jianlin, L. Sherchang, S.L. Pradhan, T. Tsendsuren, J.M. Foggin, C. Gaillard, D. Steane, I. Zakharov and D.G. Bradley. 2002. Genetic variation of mitochondrial DNA within domestic yak populations. In Jianlin H., C. Richard, O. Hannotte, C. McVeigh and J.E.O. Rege (eds), Yak productions in central Asian highlands. Proceedings of the third international congress on yak. Nairobi, Kenya: International Livestock Research Institute (ILRI).

Foggin, J.M., and A.T. Smith. 2001. Rangeland utilization and biodiversity on the alpine grasslands of Qinghai Province, People's Republic of China; The use of regional and county-level datasets. In BWG/CCICED, Conserving China's Biodiversity (II). Beijing, China: China Environmental Science Press.

Publications – Other formats

Foggin, J.M. and Hergarten, C. 2015. Empowering communities through Citizen Science: Giving voice to under-represented societies through the practice of participatory conservation and environmental monitoring. Presentation given at *Citizen Science 2015*, inaugural meeting of the Citizen Science Association in San Jose, USA, February 2015. URL: <http://www.slideshare.net/marcfoggin/foggin-citsci2015-empowerment>.

Foggin, J.M. 2013. 'Destination Yushu': Development framework and recommendations for the promotion of tourism in rural Qinghai Province, with focus on Ecotourism & Community Tourism in the Yushu Tibetan Autonomous Prefecture. Plateau Perspectives: Xining, China.

Zhang, X.H., Schuman, M., Gao, Y.H., Foggin, J.M., Wang, S.Z., and Joosten, H. 2012. Restoration of high altitude peatlands in Tibet. Presentation at *Investing in Peatlands: Demonstrating Success*, a Joint Symposium of IUCN UK Peatland Programme and British Ecological Society (BES) at Bangor University, June 2012. URL: http://iucn-uk-peatlandprogramme.org/sites/all/files/12.06.27%20High%20Altitude%20Peatlands%20in%20Tibet_XZhang.pdf.

Foggin, J.M. 2011. [Slideshow: Tracking Tibet's snow leopards] Local herders are central to protecting the snow leopard in the source area of the Yangtze River. *China Dialogue*. URL: <http://www.chinadialogue.net/article/show/single/en/4615-Slideshow-Tibet-s-snow-leopards->

Foggin, J.M., and M.H. Bass. 2010. Mainstreaming Environment into Development: Collaborative land management in the Tibetan grasslands, China. *LEAD International*. URL: <http://www.lead.org/page/573>.

Foggin, J.M. 2010. ICCAs as 'contract conservation' in the Chinese Tibetan Plateau region. In G. Borrini-Feyerabend et al., Bio-cultural diversity conserved by indigenous peoples & local communities – examples & analysis. Companion document to IUCN/CEESP Briefing Note 10: Strengthening what works – Recognising and supporting the conservation achievements of indigenous peoples and local communities. ICCA Consortium, CENESTA, GEF, SGP, GTZ, IIED, IUCN/CEESP; September 2010.

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Foggin, J.M. 2004. Building New Partnerships for Conservation & Sustainable Development in the Tibetan Plateau Region: Recent Experiences in the Yangtze River Headwaters. Plateau Perspectives: Xining, China.

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Foggin, J.M. 1995. Bird survey of Dengke and the Bengda Nature Reserve (Shiqu County, Sichuan Province). Care & Share Foundation: Loughborough, UK.

Fleming R., Jr., with J.M. Foggin. 1994. The proposed Samye Nature Reserve (notes from bird survey, Samye Valley, Tibet Autonomous Region). Future Generations: Franklin, USA.

Fellowships, awards, recognitions

2011	Canadians Changing the World (2010), The Globe and Mail
1994 - 1999	Graduate Academic Scholarships, Arizona State University
1994 - 1998	Fonds pour Chercheurs et Aide à la Recherche (FCAR)
1990 - 1993	Canada Scholarship
1991 - 1992	NSERC Summer Undergraduate Research Awards

Languages

English	fluent, written and spoken
French	fluent, written and spoken
Chinese	intermediate, spoken only

References

Available on request