

CV of Professor Karimbhai M. Maredia
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Current Position: Professor, Assistant Dean and Director of International Programs, College of Agriculture and Natural Resources, Michigan State University, East Lansing, Michigan, U.S.A.
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Professional Interest: Education and Human Resources Development, Institution Building, International Networking and Outreach, Multidisciplinary Team Building, International Development, Science, Technology and Innovations, Global Knowledge Partnerships.

Key Qualifications: Dr. Karim Maredia is a Professor and Assistant Dean and Director of International Programs for the College of Agriculture and Natural Resources at Michigan State University, USA. Prof. Maredia has worked with numerous international human resources development and institution building projects. Prior to joining MSU, he worked with the International Maize and Wheat Improvement Center (CIMMYT) in Mexico as a research scientist. Prof. Maredia has extensively traveled to more than 60 countries around the world and has disseminated knowledge, information and new technologies widely to the global community. He has published more than 120 papers, policy briefs, book chapters, and co-edited eight books. Since 2017, Prof. Maredia has been serving as a member of the African Union (AU) High-Level Panel on Emerging Technologies. He has been actively engaged in empowering scholars from developing countries and promoting excellence in education globally. In May 2009, Prof. Maredia was awarded an honorary doctorate degree (doctor honoris causa) by the University of Ricardo Palma in Peru for his contributions to international human resources development. He has been recognized with numerous prestigious awards for his extensive global work. Most recently, Prof. Maredia was elected as a Fellow of the National Academy of Agricultural Sciences (NAAS) in New Delhi, India.

Education:

Ph.D. (1985): Agriculture (Plant Breeding/Integrated Pest Management), University of Arkansas, Fayetteville, Arkansas, U.S.A.

M.S. (1982): Agriculture (Integrated Pest Management), Alabama Agricultural and Mechanical University, Huntsville, Alabama, U.S.A.

B.Sc. (1979): Agriculture, Konkan Agricultural University, Dapoli, Ratnagiri, Maharashtra, India.

Career/Positions Held:

- 2019-Present: **Professor, Assistant Dean, Director of International Programs in Agriculture and Natural Resources; Program Director, World Knowledge and Technology Access Program (WorldTAP)**
College of Agriculture and Natural Resources (CANR), Michigan State University, East Lansing, U.S.A.
Provide Leadership to international education, collaborative research, outreach and capacity building programs in Food, Agriculture and Natural Resources.
- 2009-2018: **Professor and Senior Associate to the CANR Dean; Program Director, World Knowledge and Technology Access Program (WorldTAP); Director, MSU South Asia Partnership**
College of Agriculture and Natural Resources (CANR), Michigan State University, East Lansing, U.S.A.
Provide Leadership to international education, collaborative research, outreach and capacity building programs in Food, Agriculture and Natural Resources.
- 2003-2008: **Professor and Director World Knowledge and Technology Access Program (WorldTAP).**
Institute of International Agriculture (IIA) and Department of Entomology, College of Agriculture and Natural Resources (CANR), Michigan State University, East Lansing, U.S.A., Michigan State University, East Lansing, U.S.A.
Provide leadership to the international education, training and capacity building programs in Food, Agriculture and Life Sciences.
- 1995-2003: **Associate Professor and Technology Transfer Coordinator.**
Institute of International Agriculture and Department of Entomology, College of Agriculture and Natural Resources (CANR), Michigan State University, East Lansing, U.S.A., Michigan State University, East Lansing, U.S.A.
Implementation of technology transfer, networking and human resource development plan for the USAID Agricultural Biotechnology for Sustainable Productivity Project (ABSP). Collaborating countries: Costa Rica, Egypt, Indonesia, India, Kenya, South Africa and Morocco.
- 1993-1994: **Network Specialist and Assistant Professor.**
Institute of International Agriculture, and Department of Entomology, College of Agriculture and Natural Resources, Michigan State University, East Lansing, U.S.A.
Implementation of networking plan for the USAID Agricultural Biotechnology for Sustainable Productivity (ABSP-I) Project. This included information exchange, capacity building and establishing linkages between public and private sectors.
Collaborating countries: Costa Rica, Egypt, Indonesia, and Kenya.
- 1989-1992: **Research Associate, Department of Entomology**
College of Agriculture and Natural Resources (CANR), Michigan State University, East Lansing, U.S.A.

Research and Extension Focus: Agroecology, Biological Control, and Integrated Pest Management. Coordinated research and extension activities of the NSF funded Long-Term Ecological Research Project (LTER), and Saginaw Bay Water Quality Project.

- 1988-1989: **International Scientist, Maize Program.**
International Maize and Wheat Improvement Center (CIMMYT), Mexico.
Research Focus: Development and worldwide delivery of improved maize technologies. Work included development of insect and disease resistant maize varieties, information and germplasm exchange, training of scientists from developing countries, and coordination of capacity building programs.
- 1986-1988: **Post-Doctoral Research Fellow, Maize Program.**
International Maize and Wheat Improvement Center (CIMMYT), Mexico.
Research Focus: Development and worldwide delivery of improved maize technologies. Assisted a multi-disciplinary team in the improvement of maize varieties for insect resistance, training of scientists and coordination of international workshops.

Honors and Awards:

- 2023: You Belong Here Champion 2023, Award given by the Office of Diversity, Equity, and Inclusion (DEI), College of Agriculture and Natural Resources, Michigan State University, East Lansing, USA
- 2023: Fellow of National Academy of Agricultural Sciences (NAAS), India.
- 2022: Lifetime Achievement Award, Society of Medical Arthropodology (SOMA), Hyderabad, Telangana, India.
- 2022: Outstanding Alumni Recognition. The Recognition given by the Balasaheb Sawant Konkan Krishi Vidyapeeth (BSKKV), Dapoli, Ratnagiri, Maharashtra, India.
- 2021: Distinguished Faculty Award (2021). Award given by Michigan State University, College of Agriculture and Natural Resources (CANR) Alumni Association, East Lansing, Michigan, USA.
- 2019: International Plant Protection Award of Distinction (2019). Award given by the International Plant Protection Congress (IPPC) for contribution towards the development of plant protection strategies internationally and global promotion of food security, Hyderabad, India.
- 2018: Science Diplomacy Award, Science Forum in South Africa (December 2018). Award given to High Level Panel on Emerging Technologies for Africa, South Africa.
- 2017: Globie Award from the Office of International Students and Scholars (OISS), International Studies and Programs at Michigan State University, East Lansing, USA.

- 2016: International Leadership Award by the Indian Chamber of Food and Agriculture (ICFA), New Delhi, India.
- 2014: All University “Excellence in Diversity Award” given to WorldTAP Program Team for Advancing Global Competency at Michigan State University, East Lansing, USA.
- 2012: USDA - Foreign Agriculture Service (USDA-FAS) - For 10 Years of Services to Cochran Fellowship Program in Agricultural Biotechnology, Washington, D.C., USA
- 2010: Ralph Smuckler Award for Advancing International Studies and Programs at Michigan State University, East Lansing, Michigan, USA.
- 2009: Doctor Honoris Causa (Honorary Doctorate Degree), University of Ricardo Palma, Lima, Peru.
- 2009: International IPM Excellence Award, Given at the 6th International Integrated Pest Management (IPM) Symposium: Transcending Boundaries, Portland, Oregon, USA.
- 1994: Lansing Gallery of Superb Printing, Lansing, Michigan, USA:
Award of Excellence for Outstanding Craftsmanship in the Production of BioLink Newsletter (Agricultural Biotechnology).
- 1980-1985: The Aga Khan Foundation, Geneva, Switzerland, International Scholarship Award for pursuing M.S. and Ph.D Degree Programs in USA.
- 1980: The Aga Khan Central Education Board for India, Mumbai, India
Award for Best Performance in B.Sc. (Agric.) Degree.
- 1973: Best Student Award, Pragna Bodhini High School, Mumbai, India.

Countries Travelled for Professional Work (63 Countries):

Argentina, Bangladesh, Belgium, Brazil, Bulgaria, Burkina Faso, Cameroon, Canada, China, Costa Rica, Dominican Republic, Egypt, England, Ethiopia, Finland, France, Germany, Georgia, Ghana, India, Indonesia, Italy, Jamaica, Japan, Kenya, Kazakhstan, Kyrgyzstan, Laos, Malaysia, Mali, Malawi, Mexico, Morocco, Mozambique, Myanmar, Namibia, Netherlands, Nepal, Nigeria, Pakistan, Peru, Philippines, Rwanda, Saudi Arabia, Senegal, South Africa, Spain, Sri Lanka, Sweden, Switzerland, Taiwan, Tajikistan, Tanzania, Thailand, Togo, Tunisia, Turkey, Qatar, Uganda, United Arab Emirates, Uzbekistan, Vietnam, Zimbabwe.

Publications: Over 125 (Please see the list of publications on page 7 onwards)

Co-Edited Books Published: 8
 Research Papers and Book Chapters Published: 103
 Policy Briefs Published: 9
 Abstracts and Posters: 12
 Proceedings Published: 4

International Conferences and Symposia Attended: Over 150

Seminars and Presentations given Nationally and Internationally: Over 200

Research Fellows and Visiting Scholars Hosted at MSU: 14,500

Professional Panels and Committees Served at MSU and Internationally:

- 2024 – Present: Member of Global Council, World Agriculture Forum, Netherlands.
- 2023 – Present: Member of Advisory Group on Innovation Fund in Public Health for Young Entrepreneurs from India established by the Society of Medical Anthropology.
- 2020 – Present: Advisory Board of MSU Institute of Global Health (IGH), College of Osteopathic Medicine and College of Human Medicine.
- 2020 – Present: Advisory Council of MSU AsiaHub Initiative, International Studies and Programs (ISP).
- 2017 – Present: Member of the African Union (AU) High Level Panel on Emerging Technologies for Africa.
- 2015 - 2022: Advisory Board Member of Biotechnology Project at the Center for Science in Public Interest (CSPI) in Washington, D.C.
- 2015 - 2016: Member of the Advisory Committee of the MSU Alliance for African Partnership (AAP) - A new university-wide initiative coordinated through the MSU International Studies and Programs (ISP).
- 2013 - Present: High-level Advisor for the “Community for Zero Hunger” Initiative in response to the United Nations call for Zero Hunger.
- 2012 - 2013: Member of the African Union High Level Panel on Science, Technology and Innovation.
- 2012 - 2019: Member of the Advisory Committee of the Bejo Sheetal Biosciences Foundation, India.
- 2012-2014: Member of the Advisory Committee of the USAID Livestock and Climate Change CRSP Project in Nepal.
- 2010 - Present: Core Faculty member of the MSU Asian Studies Center (ASC) and MSU Latin America and Caribbean Studies Center (LACSC)
- 2009 - 2013: Member of Advisory Committee of MSU-Technology Transfer Office (MSU-T)

Selected International Forums and Side Events Organized in Past 6 Years:

Global Food Safety Symposium 2024 – Michigan State University and experts gather for Food Safety Symposium, July 2024

[Michigan State University and experts gather for Food Safety Symposium \(wilx.com\)](https://www.wilx.com)

World Food Prize Symposium 2023 – Side Event: Youth Entrepreneurship for a Food Secure World, Organized by Michigan State University, October 20, 2022

Michigan State hosts Universal Food Forum in Washington, D.C., July 7, 2023
https://www.graydc.com/2023/07/12/michigan-state-hosts-universal-food-forum-dc/?utm_source=ground.news&utm_medium=referral

World Food Prize Symposium 2022 – Side Event: Capacity Strengthening for Building Resilient Food Systems, Organized by Michigan State University, October 20, 2022

Celestas Juma Executive Dialogue (CJED) keynote address, September 29, 2022
article: <https://scienceafrica.co.ke/2022/10/04/experts-call-for-embracing-biotechnology-to-increase-food-security-in-africa/>

World Food Prize Symposium 2020 – Virtual Side Event on October 14, 2020: Home Gardens for Food and Nutritional Security and Enhanced Livelihoods in Developing Countries
https://mediaspace.msu.edu/media/Michigan+State+University+WFP2020+Side+Event+on+Home+Gardens+for+Food+Security+October+14%252C+2020/1_i2lx0iup

2018 World Food Prize Symposium Side Event: Emerging Technologies for Enhancing Food Security on Africa:
https://www.worldfoodprize.org/index.cfm/94427/94654/emerging_technologies_for_enhancing_agricultural_productivity_and_food_security_in_africa

Recent Interviews with Media:

African Union High Level Panel on Emerging Technologies (APET), Lilongwe, Malawi, September 3, 2024
<https://www.facebook.com/Times360Malawi/videos/breakfast-live/533518062569687/>

Experts Call for Embracing Biotechnology to Increase Food Security in Africa. News story by Science Africa, October 4, 2022
<https://scienceafrica.co.ke/2022/10/04/experts-call-for-embracing-biotechnology-to-increase-food-security-in-africa/>

Collaboration, Technology Crucial for Improving Food Security in Africa. Interview with Science Africa, September 29, 2022
<https://news.scienceafrica.co.ke/collaboration-technology-crucial-for-improving-food-security-in-africa/>

External Grants/Funding Received as a Lead PI/Co-PI (Past 30 Years):

- Bill and Melinda Gates Foundation
- U.S. Agency for International Development (USAID)
- USDA-Agricultural Research Service (USDA-ARS)
- USDA-Foreign Agricultural Service (USDA-FAS)
- USDA-Economic Research Service (USDA-ERS)
- The World Bank

- Winrock International
- CropLife International
- Development Alternative Inc.
- Rockefeller Foundation
- Wallace Genetic Foundation
- Bayer Corporation
- RB/Mead Johnson Nutrition Company

Special International Assignments:

- 2023: Internationalization of Agricultural Higher Education in India at the International Conference on the Implementation of New Education Policy in Agricultural Universities at the BSKKV University in Dapoli, Maharashtra, India, under the ICAR/World Bank National Agricultural Higher Education Project (NAHEP), New Delhi, India.
- 2019: USAID-Myanmar Assignment for Development of Integrated Pest Management (IPM) Strategy for Fall Armyworm in Myanmar.
- 2018: Bill and Melinda Gates Foundation, Assessment of Seed System for Cotton in Ethiopia.
- 2017: United State Department of Agriculture - Foreign Agriculture Service (USDA-FAS), Washington, D.C., Agricultural Biotechnology Capacity and Needs Assessments in Myanmar and Laos - Two weeks special Assignment to Myanmar and Laos –
- 2012: Agriculture Transformation Agency (ATA), Addis Ababa, Ethiopia. One-week assignment for the Agricultural Biotechnology assessment in Ethiopia.
- 2009: Food and Agricultural Organization of the United Nations (FAO-UN), Rome, Italy. Member of a Team working to develop the National Agricultural Biotechnology Program and Investment Plan for Sri Lanka.
- 2008 - 2010: U.S. Trade and Development Agency (USTDA). Served as a Coordinator of the India Agricultural Biotechnology Training and Capacity Building Program for the U.S. Inter-Agency Group involving USTDA, USDA-FAS, USAID, and USDA-APHIS.
- 2007: Bill and Melinda Gates Foundation, Seattle, U.S.A. Member of the Core Design Team of the WorldAgInfo Project working towards developing a strategy for initiating projects related to Agricultural Education and Information Systems supporting smallholder farmers in Africa and South Asia regions.
- 2004: Food and Agricultural Organization of the United Nations (FAO-UN), Rome, Italy.

Member of a Team working to develop a Biotechnology Compendium for the global community, with special focus on the Policy Options for Capacity Building in Biotechnology for Food and Agriculture.

- 2001: Institute of International Education (IIE), Washington D.C., USA.
One-week assignment to organize training program on Plant Variety Protection for sixteen senior administrators and policy makers from Ministry of Agriculture in Egypt.
- 1999: USAID Cairo/Development Alternatives International (DAI), Washington D.C., USA. One-week assignment in Egypt to organize a training program on Technology Transfer. Eighty scientists, administrators and policy makers from various government ministries, universities and private sector attended this program.
- 1998: The World Bank, Washington D.C., USA.
Two-week assignment in Ethiopia to develop a comprehensive strategy for building capacity in Biotechnology at Ethiopian Agricultural Research Organization.
- 1992: Winrock International, Morrilton, Arkansas, USA.
Three-week assignment in India to organize a training program on impact of weather on pest outbreaks and agricultural productivity. Eighteen scientists from various states/regions in India attended this program.

International Courses and Training Workshops organized at Michigan State University and Internationally (1995 - 2023) attended by over 14,500 academic and non-academic stakeholders from over 130 countries.

- Agroecology, Integrated Pest Management (IPM) and Sustainable Agriculture
- Research Management, Intellectual Property Rights (IPR) and Technology Transfer and Commercialization
- Food Safety
- Food Processing, Packaging and Value Addition
- Environmental Biosafety
- Agricultural Biotechnology
- Bioenergy/Biofuels
- Animal Agriculture
- Molecular Plant Breeding
- Science and Technology Communication
- Agricultural Extension

Publications (Total 121 Publications): Books and Book Chapters, Research Papers, Policy Briefs.

I. Books (8 Books):

1. Hashini D. Galhena and **Karimbhai M. Maredia**. 2020. Home Gardens for Improved Food Security and Livelihoods. Published by Routledge, Taylor and Francis Group, U.K.
2. David P. Keetch, Diran Makinde, Cholani K. Weebadde, and **Karim Maredia**. 2014. Biosafety in Africa: Experiences and Best Practices. Published by the World Technology Access Program, Michigan State University, East Lansing, Michigan, U.S.A. and New Partnership for Africa's Development (NEPAD) Agency.
3. **Karim Maredia**, Sudha Mysore, Suresh Kumar and Callista Rakhmatov. 2012. Technology Transfer and Commercialization: Experiences of India and USA. Published by World Technology Access Program, Michigan State University, East Lansing, Michigan, U.S.A.
4. D.V. Singh, V.N. Sharda, V. Selvi, Jon Bartholic, and **Karim Maredia**. 2012. Water Management for Sustainable Agriculture - Indo-U.S. Experience. Jointly Published by the Indian Council of Agricultural Research (ICAR), CSWCRTI, Tamil Nadu, India and Michigan State University, Pages 325
5. R. Grumet, J. F. Hancock, **K. M. Maredia** and C. Weebadde. 2011. Environmental Safety of Genetically Engineered Crops, Published by MSU Press, East Lansing, Michigan, USA.
6. F. H. Erbisch and **K. M. Maredia**. 2003. Intellectual Property Rights in Agricultural Biotechnology. Edited Book (second edition), Published by CAB International, U.K.
7. **K. M. Maredia**, D. Dakouo and D. Mota-Sanchez. 2003. Integrated Pest Management in the Global Arena. Published by CAB International, U.K.
8. F. H. Erbisch and **K. M. Maredia**. 1998. Intellectual Property Rights in Agricultural Biotechnology. Edited Book (first edition), Published by CAB International, U.K.

II. Research and Extension Papers and Book Chapters (103 Publications):

1. Ramjee P. Ghimire and **Karim M. Maredia**. 2024. One health global knowledge partnerships. J Med Arthropodology & Public Health. 4 (1): 63-83.
2. **Karim M. Maredia**, D. Hashini Galhena Dissanayake, Russell Freed, Sunil Madan, Gunasingham Mikunthan, Adrienne Attorp, Naveen Patidar, Helga Blanco-Metzler, Raja Rajeswari Meka & Julian Gonsalves. 2023. Building sustainable, resilient, and nutritionally enhanced local food systems through home gardens in developing countries, Development in Practice, DOI: [10.1080/09614524.2023.2218068](https://doi.org/10.1080/09614524.2023.2218068)
3. Callista B. Rakhmatov and **Karim M. Maredia**. 2023. Technology transfer, entrepreneurship, and commercialization experiences of the U.S. Land Grant Universities: Case study of Michigan State University. Journal of Med Arthropodology & Public Health. 3 (1): 35-52.
4. Bedane Gudeta, Endale Gebre Kedisso, Donis Gurmessa, Dawit Tesfaye, Samuel Damtew, Workishet Taye, Arkebe Gebre-Egziabher, Merdasa Balcha, Tadessa Daba, Alehegn Workie, and

- Karim Maredia**. 2023. Adaptability of Genetically Engineered Bt Cotton Varieties in Different Growing Regions of Ethiopia. *Advances in Agriculture, Hindawi, Volume 2023 | Article ID 8224053* | <https://doi.org/10.1155/2023/8224053>
5. Endale Gebre Kedisso, Joseph Guenther, **Karim Maredia**, Tahani Elagib, Bernard Oloo & Samson Assefa. 2023. Sustainable access of quality seeds of genetically engineered crops in Eastern Africa - Case study of Bt Cotton, *GM Crops & Food*, 14:1, 1
23, DOI: [10.1080/21645698.2023.2210134](https://doi.org/10.1080/21645698.2023.2210134)
 6. Silas Obukosia, Endale Gebre, **Karim Maredia**, and Joseph Guenther. 2023. How to sustainably access Bt cotton seeds in Kenya. *The African Seed Magazine*, Issue # 9, Page 14 – 15, March 2023. Published by the African Seed Trade Association, Nairobi, Kenya.
 7. Bird G. W. and K. M. Maredia. 2022. Pandemics, Famines, and Global Development. *Journal of Medical Arthropodology & Public Health*. 2022; 2(2): 51-65.
 8. Ghimire, R. P., **Maredia, K. M.**, & Wilkins, M. J. 2022. Virtual Training for Managing Emerging Zoonotic Diseases including COVID-19. *Journal of International Agricultural and Extension Education*, 29(1), 57-75. <https://newprairiepress.org/jiaee/vol29/iss1/5>
 9. Endale, Gebre Kedisso, **Maredia Karim**, Guenther Joseph, and Koch Muffy. 2022. Commercialization of genetically modified crops in Africa: Opportunities and challenges. *African Journal of Biotechnology* 21, no. 5 (2022): 188-197.
 10. Ramjee P. Ghimire, **Karim M. Maredia**, Modupe Adeyemo, Ruth Mbabazi. 2022. Participants' evaluation of an online international food safety short course, *Evaluation and Program Planning*, Volume 92, 2022, 102089, ISSN 0149-7189, <https://doi.org/10.1016/j.evalprogplan.2022.102089>.
 11. Endale Gebre Kedisso, Nicolas Barro, Lilian Chimphepo, Tahani Elagib, Rose Gidado, Ruth Mbabazi, Bernard Oloo, and **Karim Maredia**. 2022. Crop Biotechnology and Smallholder Farmers in Africa. In: Idah Sithole-Niang Eds: *Genetically Modified Plants and Beyond*. DOI: 0.5772/intechopen.101914 (ISBN 978-1-83969-876-7).
 12. Endale Gebre Kedisso, **Karim Maredia** and Krista Isaacs. 2022. Seed System Challenges of Smallholder Farmers in Africa. *The African Seed Magazine*. March 2022. Issue # 8, page 34-35.
 13. Mbabazi R., **Maredia K.**, El-Sayed B.B., Babumba A.K., Savadogo M., Akinbo O. 2021. Integrated Management of Malaria Vectors in Africa. In: Tyagi B.K. (eds) *Genetically Modified and other Innovative Vector Control Technologies*. Springer, Singapore. https://doi.org/10.1007/978-981-16-2964-8_9
 14. Olalekan Akinbo, Silas Obukosia, Jeremy Ouedraogo, Woldeyesus Sinebo, Moussa Savadogo, Sam Timpo, Ruth Mbabazi, **Karim Maredia**, Diran Makinde and Aggrey Ambali; *Frontiers in Plant Sciences*. 2021. Commercial Release of Genetically Modified Crops in Africa: Interface Between Biosafety Regulatory Systems and Varietal Release Systems. *Frontiers in Plant Sciences Journal*, DOI: 10.3389/fpls.2021.605937.

15. Sunil Madan, Anne Baker, **Karim Maredia** & Ronald Bates (2021) Agricultural extension capacity development in developing countries: an international training course at Michigan State University, Development in Practice, DOI: [10.1080/09614524.2021.1958165](https://doi.org/10.1080/09614524.2021.1958165)
16. Dwyer, Jeffrey and **Karim M. Maredia**. 2021. Overview and Importance of Agricultural Extension. Book chapter published in Innovations in Agricultural Extension; book published by Michigan State University Press, Michigan, USA:1-1 to 1-9.
https://www.canr.msu.edu/extensioninternational/Innovations-in-Agricultural-Extension/files/Ch01-Dwyer-Maredia_Overview-Importance_2021-01-13aa.pdf
17. Elizabeth Njuguna, Phophi Nethononda, **Karim Maredia**, Ruth Mbabazi, Paul Kachapulula, Arielle Rowe, Dennis Ndolo. 2021. Experiences and Perspectives on Spodoptera frugiperda (Lepidoptera: Noctuidae) Management in Sub-Saharan Africa. Journal of Integrated Pest Management, Volume 12, Issue 1, 2021, 7, <https://doi.org/10.1093/jipm/pmab002>.
18. Madan, Sunil and **Karim M. Maredia**. 2021. Global Experiences in Agricultural Extension, Community Outreach, & Advisory Services. Book chapter published in Innovations in Agricultural Extension, Book, published by Michigan State University Press, Michigan, USA: 2-1 to 2-16.
https://www.canr.msu.edu/extensioninternational/Innovations-in-Agricultural-Extension/files/Ch02-Madan_GlobalExperiences_2021-01-13aa.pdf
19. Murat Aitmatov, Saltanat Mambetova, **Karim M. Maredia**, George Bird, Nurali Saidov. 2021. Case Study of Integrated Pest Management Programs in Central Asia. Book chapter published in “Innovations in Agricultural Extension”, Book, published by Michigan State University Press, Michigan, USA: 6-1 to 6-12. https://www.canr.msu.edu/extensioninternational/Innovations-in-Agricultural-Extension/files/Ch06-Murat_AgExt-IPM_2021-01-13aa.pdf
20. Ishiak Othman Khalid, Francis Onyekachi, Ruth Mbabazi, **Karim M. Maredia**. 2021. Agricultural Extension Services & Seed Systems for Agricultural Technology Transfer in Nigeria. Book chapter published in Innovations in Agricultural Extension, Book, published by Michigan State University press, Michigan, USA: 8-1 to 8-14.
https://www.canr.msu.edu/extensioninternational/Innovations-in-Agricultural-Extension/files/Ch08-Khalid_Nigeria-AES_2021-01-13aa.pdf
21. Ruth Mbabazi, Muffy Koch, **Karim Maredia** and Joseph Guenther, 2021. Crop Biotechnology and Product Stewardship, GM Crops & Food, 12:1, 106-114, DOI: [10.1080/21645698.2020.1822133](https://doi.org/10.1080/21645698.2020.1822133).
22. Bernard O. Oloo, R. Mbabazi, and **Karim Maredia**, 2020. Earning Trust and Building Credibility with a New Paradigm for Effective Scientific Risk Communication of Biotechnology Innovations. African Journal of Biotechnology. African Journal of Biotechnology. Vol. 19(9), pp.684-693, September, 2020; DOI: 10.5897/AJB2020.17158. <https://academicjournals.org/journal/AJB/how-to-cite-article/90669DD64972>.

23. Bernard O. Oloo, R. Mbabazi, and **Karim Maredia**, 2020. Advancing the adoption of genetically modified crops as food and feed in Africa: The case study of Kenya. *African Journal of Biotechnology*. Vol. 19(10), pp.694-701, October, 2020. DOI: 10.5897/AJB2020.17159. <https://academicjournals.org/journal/AJB/how-to-cite-article/CF0B22664974>.
24. Freed, R. and Galhena, H. and Ghimire, R. and Guenther, J. and Irfan, F. and Joshi, N. and Madan, S. and **Maredia, K.** and Maredia, M. and Mbabazi, R. and Samaradivakara, S. and Weebadde, C. 2020. Rapid Assessment Web (RAW) survey to understand the impact of the COVID-19 crisis on people residing in South Asia. *Harvard Dataverse*. 2020, doi = 10.7910/DVN/ACF4PK, <https://doi.org/10.7910/DVN/ACF4PK>
25. **Karim Maredia** and Joseph Guenther. 2020. Lessons learned and Way forward on Home Gardens. Book chapter published in “Home Gardens for Improved Food Security and Livelihoods.” Published by Routledge, Taylor and Francis Group, U.K.
26. Samuel, P. Manoj, **Karim Maredia** and R Kalpana Sastry. 2019. Road Map for Agricultural Technology Transfer and Commercialization in India. *Economic and Political Weekly*. Vol. 54, Issue No. 43, 26, October 2019.
27. Mbabazi M. and **Maredia K.** 2019. Biotechnology Applications for Integrated Pest Management. In: Kogan M. and Heinrichs EA. (Eds), *Integrated management of insect pests: Current and future developments*. Publisher: Burleigh Dodds Series in Agricultural Science: no. 69. ISBN: Hardback: 978-1-78676-260-3 PDF: 978-1-78676-263-4.
28. Mbabazi, R., **Maredia, K.**, Koch, M. and Guenther, J. 2019. Capacity building for regulatory compliance and product stewardship for commercialization and deployment of GM crops in Africa. Poster presented at the 15th Symposium of International Society for Biosafety Research (ISBR), Tarragona, Spain, April 2, 2019.
29. Timpo, S., J. Guenther, M. Koch and **K. Maredia**. 2017. Co-existence of Genetically Modified and Non-GM Crops: Implications for Africa. *The International Journal on Green Growth and Development*, 3:1, 41-48.
30. Payumo, J., S. Assem, N. Bhooshan, H. Galhena, R Mbabazi and **K Maredia**. 2017. Managing Agricultural Research for Prosperity and Food Security in 2050: Comparison of Performance, Innovation Models and Prospects. *Open Agriculture Journal*.
31. Payumo JG, Lemgo EA, **Maredia K.** 2017. Transforming Sub-Saharan Africa’s Agriculture through Agribusiness Innovation. *Glob. J. Agric. Innov. Res. Dev.* 2017 Jul. 12 <https://www.avantipublishers.com/index.php/gjaird/article/view/1210>
32. **Maredia, Karim**, Erbisch, Frederic, Rakhmatov, Callista, Herlache, Tom. 2016. Intellectual Property Management and Rights, Climate Change, and Food Security: Tuteja/Abiotic Stress Response in Plants. 10.1002/9783527694570.ch5.
33. Sinebo, Wolde and **Karim Maredia**. 2016. Innovative Farmers and Regulatory Gatekeepers:

- Genetically Modified Crops Regulation and Adoption in Developing Countries. *Journal of GM Crops & Food*, 7:1-11: Biotechnology in Agriculture and the Food Chain, Published by Taylor and Francis.
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