
Core expertise: Development Planning:

Reports

Miftahul Islam Barbaruah, Bhagat Lal Dutta, Deepak Goswami, Kabya Jyoti Bora, Manisha Dinesh Bhosale, Samir Baruah "Departmental Vision cum Roadmap for Development of Animal Husbandry and Veterinary Sector in the State of Assam, India" (2018)

Miftahul Islam Barbaruah, Pranjal Prakash Sharma, Deepak Goswami, Pankaj Kumar Pathak "Facilitating private investments for livestock and fishery sector development in Assam, India: A suggested road map" CLFMA of India (2017)

Draft Assam Dairy Policy -2008: A report based on state-level consultation (Written and published as Member Secretary of Assam State Taskforce for dairy policy formulation)

Conference paper

Barbaruah M I, Borah Pranjal, Islam Monjul, Nath Bipul: Alternative (Beyond Government) Agri-Service Delivery in Assam for Cluster development – A discussion on Common Interest Group (CIG) Model promoted by FARMER. International Convention on Globalization and Rural Development, Pune, India; (2006)

Barbaruah M I "Restructuring Central Sector Schemes for Agri-Sector Development in N E India" A conference paper presented during North East Agri-Expo'2011, Dimapur, Nagaland, India

Articles:

Barbaruah Miftahul, Conceptualizing a national program: Assistance to states for the restructuring of veterinary service delivery in India (ASRVS), The Vet Helpline E-magazine, Category: Veterinary Service Delivery and Practice Management, Vol VIII (2020) ISSN 2454-9282

Barbaruah Miftahul et al., Promoting inter-departmental collaboration in State Animal Husbandry and Veterinary Departments in India, The Vet Helpline E-magazine, Category: Livestock Policy, Planning, and Projects, Vol VIII (2020) ISSN 2454-9282

Barbaruah Miftahul, Imperative for Private sector participation for animal disease control and last-mile veterinary service delivery in India, The Vet Helpline E-magazine, Category: Livestock Policy, Planning, and Projects, Vol VIII (2020) ISSN 2454-9282

Barbaruah MI and Weaver John (2020) "Organizational Strengthening of Veterinary Council of India and State Veterinary Councils with particular reference to the recommendation from OIE-India PVS report, Vet Helpline E-magazine (ISSN: 2454-9282) Volume VIII (2020 issue)

"Food safety – The imperative for government" Thought Process' (Special Edition, April 2019) – A journal of the State Information and Transformation Aayog (SITA), The policy thinktank of the Government of Assam, India.

Barbaruah M I "Dairy Development in North East India" VetHelplineE-magazine (ISSN: 2454-9282, Vol. VI, 2018 issue)

Barbaruah M I "Streamlining private sector driven vaccination of livestock in forest fringe villages of India" VetHelplineE-magazine (ISSN: 2454-9282, Vol. VI, 2018 issue)

Barbaruah M I "Livestock Sector development in Assam" (Published in 3 parts) -The Sentinel, Assam, India (November 20 '2012)

List of core expertise area wise knowledge contributions of Miftahul Islam Barbaruah

Dated 1st Aug' 2022

Barbaruah M I "Imperative for integrated development planning in Agriculture" The Sentinel, Assam, India (October 28 '2012)

Barbaruah M I "Suggested Development Agenda for the new government in Assam, India" – The Sentinel and The Assam Tribune dated 29th & 30th May 2011.

Barbaruah M I and Joseph A K "India: Dairy giant walking barefoot" A note for FAO-RAP Technical meeting on "Designing Effective Country-Specific Dairy Strategies" (2008)

Recent invited talk:

The proposed 7 - point approach for augmenting livestock production in Assam, September 7, 2018, State Innovation and Transformation Aayog (SITA), Government of Assam, India

Proposed Vision, Mission, guiding principles and models of Veterinary Service Delivery, August 28, 2018, The Biannual Conference of Animal Husbandry and Veterinary Department, Government of Assam

Draft roadmap of Animal Husbandry and Veterinary Department, Assam for the rejuvenation of government farms and training-related institutions, August 3, 2018 Workshop and Seminar, National Livestock Mission, Government of Assam.

Core expertise: Monitoring and Evaluation (M&E)

Reports:

State Profile of Arunachal Pradesh and Assam (India) 2012: National Agriculture Development Program (RKVY), India

Implementation monitoring of RKVY projects in Arunachal Pradesh (FY 11-12): Compilation of monthly field visit report

Success story contribution:

Contribution of 3 Success stories: Coffee table book titled "Incentivizing Agriculture: RKVY Initiatives."
Publisher: Ministry of Agriculture and Farmers Welfare, Government of India

Recent invited talk:

Development Project Management concerning the livestock sector, October 10, 2017, Workshop for Veterinarians, FAO project TCP/IND/3501: Development of extension, outreach, organizational and managerial capacities of public institutions in Mizoram

Core expertise: Advocacy

Reports:

Desk Review of Livestock-related Emergencies and Response in Eastern Europe & Central Asia (October 2021), Livestock Emergency Guidelines & Standards (LEGS) (Accepted and waiting for formal publication)

Excise regulation of molasses, Safeguarding the interest of dairy farmers, cooperatives, and local feed millers in Assam, India (May 2020)- A policy note prepared based on expert consultation.

Draft Guidelines for Streamlining of Para-Veterinary Services in India (Confidential report prepared for Government of India on behalf of Brooke Hospital for Animals (India) -2019

List of core expertise area wise knowledge contributions of Miftahul Islam Barbaruah

Dated 1st Aug' 2022

Miftahul Islam Barbaruah, Bhagat Lal Dutta, Kowshick Raghavan "Integrated One Health Porcine cysticercosis landscape analysis" GALVmed, UK (2017)

Miftahul Islam Barbaruah, Abdul Samad "Review of the policy, regulatory and administrative framework for delivering livestock health products and services in South Asia. GALVmed, UK (2014)

Articles:

Barbaruah M I: "A discussion on Public-Private Partnerships and Assam Livestock and Poultry Corporation Ltd" VetHelplineE-magazine (ISSN: 2454-9282, Vol. X, 2022 issue)

Barbaruah M I: "The need for an urban veterinary resource centre at Guwahati" VetHelplineE-magazine (ISSN: 2454-9282, Vol. IX, 2021 issue)

Barbaruah M I "Streamlining private sector driven vaccination of livestock in forest fringe villages of India" VetHelplineE-magazine (ISSN: 2454-9282, Vol. VI, 2018 issue)

Barbaruah M I "Scope for private veterinarians in India" VetHelplineE-magazine (ISSN: 2454-9282, Vol., 2017 issue)

Barbaruah M I, Roychoudhury Parimal: Imperative for 'One Health' implementation in Assam in the context of wildlife, The Wild Trail Vol-1, Issue-I, Page 30-32, Summer 2015

Grace Delia, Barbaruah Islam M, Deka Rameswar, Omore Amos, Staal Steve: "The triple win: smallholder dairying that is pro-poor, environment-friendly and consumer-safe" Ecohealth Conference Merida, Mexico (2008)

Recent invited talk:

The quest for an ideal Veterinarian in AMR Context, Advocacy meeting with Pakistan Veterinary Medical Council on AMR /AMU un Veterinary Curriculum, May 20, 2022, organized by DAI, The Fleming Fund, and Health Security Partners.

Regulation of Veterinary Paraprofessionals: The OIE Sub-Regional Virtual Workshop on Veterinary Paraprofessional (VPP) Competencies and Training (March 31 to April 1, 2022)

The imperative for institutions in the field of Animal Health for the One Health implementation in India. Keynote speech, Theme 4: Animal Health and Biosecurity International e-Symposium on "One Health Concept: Opportunities and Perspectives in Present Scenario" and XVII Annual Conference of Indian Association of Veterinary Public Health Specialists (IAVPHS) on 28-29th May 2021 organized by Centre for One Health, Guru Angad Dev Veterinary and Animal Sciences University (GADVASU), India

A discussion on the Government of India's new farm laws – December 18, 2020, "Mid Morning" live streaming, DY356 Regional News Channel, Assam, India

Role of Veterinarian in AMR control – a discussion, November 24, 2020, Webinar organized by Department of Animal Husbandry and Veterinary, Government of Mizoram, coinciding with the World Antimicrobial Awareness Week 2020

International regulation and initiatives related to veterinary paraprofessionals (VPPs) and recent development in India, April 16, 2019, National Seminar on Regulation of para-veterinarian education and services in India, organized by the Department of Animal Husbandry and Dairying and National Academy of Veterinary Sciences, India, NASC Complex, New Delhi, India

Our expectations from the World Zoonoses Day Celebrations, July 6, 2018, Celebrations by All Assam Veterinary Field Assistant Association, Assam, India

'Becoming a veterinary paraprofessional in India', December 6-8, 2017, Regional Conference of Veterinary Paraprofessionals in Asia. OIE, Bangkok

List of core expertise area wise knowledge contributions of Miftahul Islam Barbaruah

Dated 1st Aug' 2022

Pro-Poor Policy-Making – The Case of Cottage Dairy Processing Industry in Bihar, India, June 14, 2017, Government of Bihar and GALVmed's Pro-poor policy formulation workshop, Patna

Imperative for entrepreneurial growth – with particular reference to the meat processing sector in North East India, October 9, 2015, Workshop of Assam Agricultural University and NRC on Meat Joint project on Entrepreneurship. Guwahati, Assam, India

Role of Industry associations in fostering innovative research and entrepreneurship, June 12, 2015 "Seminar on Innovative Research and Entrepreneurial Opportunities in Biotechnology" Confederation of Indian Industries, Guwahati

Core Expertise: Capacity Building

Conference paper

Skilling veterinary paraprofessionals for sustainable livestock sector development, Proceedings of UGC-SAP National Seminar: Achieving sustainable rural livelihood through financial interventions and skilling India with particular reference to North Eastern Region (2016), under Section: Resource Person Speaks: Page 37-43 ISBN: 978-93-84388-08-9

Barbaruah M I "Response to diseases: Sensitizing scientists in India for bridging leadership" Abstract published in International Conference on Disease Biology and Therapeutics, Guwahati, India 3-5 Dec' 2014

Bin Qutub, A.; Deka, R.; Islam Barbaruah, Sarma, D.; Baker, D.; Thorpe, W.; Grace, D. 2009 Capacity building based on local risk mitigation strategies and value chain analysis may lead to better management of food-borne disease Symposium paper presented at Innovation Asia-Pacific held at Kathmandu, Nepal, 4-7 May 2009.

Barbaruah M.I, Islam Monjul, Bora Kabyajyoti, Saikia, Nitul, Das Mukut, Roy Sangita, Begum S "Scouting, documentation, and standardization of the use of bamboo in livestock and poultry with special reference to Northeast India." Abstract published in VIII World Bamboo Congress Proceedings Vol. 7 Page 61

Barbaruah Islam M, Islam Monjul, Saikia Nitul, Begum S, Bora Kabya Jyoti, Salam Kamesh, Goswami Anjal, Saikia I H "Grassroot innovation of Bamboo use in livestock and poultry farming in India" Book of Abstracts, Innovation Asia Pacific Symposium, 4-7 May 2009. Page 30-31.

Articles:

Miftahul I. Barbaruah, Sonia Fèvre (2021): Veterinary workforce development: the relevance of skill qualification, education, and occupational frameworks, OIE Bulletin (01/2021)

Manuals & Handouts and success stories

Participant and Trainers manual (Facilitators guide) for Animal Health Worker qualification pack
Publisher: Agriculture Skill Council of India (September 2018)

Series of Manuals and Handouts for capacity building of dairy farmers and milk traders (As Co-author, Bilingual: Hindi and Assamese – in Indian traditional dairy context)
Publisher: ILRI (International Livestock Research Institute)

Handbook of Poultry Layer Enterprise (English / Assamese)
Publisher: South Asia Enterprise Development Facility (SEDF), IFC -The World Bank

Recent Invited talks:

Discussion on strategic management, October 7, 2020, School of Management Sciences, Tezpur University

Understanding National Occupational Standards and Qualification Pack, November 10, 2016, Training of Trainers Program for scientists from Krishi Vigyan Kendra (KVK), Organized by Agriculture Skill Council of India, Guwahati, Assam

The mandate to Results, October 6, 2016, Internal Quality Assurance Cell, Gauhati University, Assam, India

The relational approach to skill development and the role of PR professionals in the private sector, March 19, 2016, PRSI (Public Relation Society of India) seminar "Role of PR in skilling India," Guwahati, Assam, India

Imperative for Innovative entrepreneurship, February 12, 2015, The Ignition Program in Entrepreneurship, Gauhati University, Guwahati, India

Core expertise: Animal Disease risk management focusing on socioeconomic risk assessment and value chain analysis

Reports

Miftahul Islam Barbaruah et al. "Technical Assistance for review of the socioeconomic risk of diseases, database development, and planning for a decision Support System (DSS) to manage Transboundary Animal Diseases (TAD) in Mizoram, India, FAO -India (Nov 2021, accepted and waiting for publication)

Miftahul Islam Barbaruah et al. "Livestock Value Chain Study in India for control of TADs" EU funded regional cooperation program on Highly Pathogenic and Emerging Diseases (HPED) in South Asia, FAO-Nepal (2013)

Miftahul Islam Barbaruah et al. "Poultry Value Chain Analysis for risk-based and people-centered control of HPAI in two recent HPAI affected district viz. Jalpaiguri (West Bengal) and Dhubri (Assam) of Eastern India," FAO-India (2012)

Miftahul Islam Barbaruah and Monjul Islam "Integrated characterization of three cross-border areas of India for risk assessment and targeted coordinated interventions of HPAI," FAO –Regional Office for the Asia Pacific, Bangkok (2010).

Poster:

Barbaruah M, Negi A B, Lalkhawngaisang R, Barkataky S "Developing a GIS-based Decision Support System (DSS) to manage Transboundary Animal Diseases (TADs) in Mizoram, India, Accepted for poster presentation, EUFMD Open Session 2022 Special Edition 26-28 Oct 2022: Digitalization and innovation applied to the prevention and control of foot-and-mouth and similar transboundary animal diseases (FAST)

Barbaruah Miftahul "Animal disease emergency management – A rapid documentation of learning based on government response related to recent animal disease outbreaks in Assam (India). EUFMD Open Session 2020 Special Edition Livelihoods @ risk in a FASTer world, December 15, 2020

Recent Invited talk:

"Preparedness for emerging, re-emerging and transboundary animal disease in India: A discussion on imperatives" Online short-term training course on Emerging, re-emerging and transboundary animal disease in India: Recent advances in diagnosis and control strategies, Organized by College of Veterinary Sciences & Animal Husbandry Selesih, Aizawl - 796014, Mizoram, India (20-29 Sept' 2021)

Preparedness for Transboundary Infectious Diseases in Indian Livestock and Poultry, National Academy of Agricultural Sciences, December 19, 2020

Preparedness for African Swine Fever- Policy and Management perspective, June 12, 2020, National virtual awareness program for veterinary professionals, Government of Nepal, and FAO of the United Nations.

Core expertise: Research administration

Report:

Rapid desk review of veterinary education and related regulatory scenario with additional reference to the situation of the veterinary workforce in the South Asia sub-region and Iran. OIE Virtual Workshop for Veterinary Education Establishments (VEEs) and Veterinary Statutory Bodies (VSBs) in South Asia and Iran (19-20th April 2022)

Report of the pre-workshop veterinary workforce survey (July 2021), The OIE Regional Virtual Awareness Raising Workshop on Veterinary Workforce and Veterinary Paraprofessionals in Asia and the Pacific. OIE Workshop Report

Published paper:

Paul R Bessell, Neil D Sargison, Kichuki Mirende, Ranjit Dash, Sanjay Prasad, Lamyaa Al-Riyami, Neil Gammon, Kristin Stuke, Roy Woolley, Miftahul Barbaruah, Philemon Wambura "The impact of anthelmintic drugs on weight gain of smallholder goats in subtropical regions."
Preventive veterinary medicine 159, 72-81 (2018)

Paul R Bessell, Ranjit Dash, Sanjay Prasad, Lamyaa Al-Riyami, Neil Gammon, Kristin Stuke, Roy Woolley, Miftahul Islam Barbaruah
"Estimating the impact of administration of de-wormers on smallholder chickens in Odisha State, India" Poultry Science (2018) pey526.

Link for Published papers and articles:

https://www.researchgate.net/profile/Miftahul_Barbaruah
<https://scholar.google.com/citations?user=pSfoQzIAAAAJ&hl=en>
<http://www.vethelplineindia.co.in/blog/>

Link for published training manuals:

Traditional Dairy Sector

Weblink: <http://cgspace.cgiar.org/browse?value=Barbaruah,%20M.I.&type=author>

Animal Health Workers – Participants and Trainers manual

<https://kaushalmart.nsdcindia.org/>

Link for published presentations: (43 numbers)

<http://www.slideshare.net/MIslamBarbaruah>

Link related to the recorded YouTube presentations and podcast:

YouTube Channel: https://www.youtube.com/channel/UCKts3RIBLbzAi1XDS_25_gg

The quest for an ideal Veterinarian in AMR Context, Advocacy meeting with Pakistan Veterinary Medical Council on AMR /AMU un Veterinary Curriculum, May 20, 2022, organized by DAI, The Fleming Fund, and Health Security Partners. https://www.youtube.com/watch?v=eEUHRR_VIWE

Presentation on findings from the pre-workshop survey: OIE Virtual Workshop for Veterinary Education Establishments (VEEs) and Veterinary Statutory Bodies (VSBs) in South Asia and Iran (19-20th April 2022)
<https://www.youtube.com/watch?v=qQMIZemmyb4>

Presentation on findings from the pre-workshop survey related to workforce development: OIE Virtual Workshop for Veterinary Education Establishments (VEEs) and Veterinary Statutory Bodies (VSBs) in South Asia and Iran (19-20th April 2022)

<https://www.youtube.com/watch?v=0EGsuTdlszM>

Regulation of Veterinary Paraprofessionals: The OIE Sub-Regional Virtual Workshop on Veterinary Paraprofessional (VPP) Competencies and Training (March 31 to April 1, 2022)

<https://www.youtube.com/watch?v=kf9ps-Sbg2Q>

EuFMD Podcast: Exploring animal health solutions for farmers

The podcast introduces listeners to different models for provisions of animal health services to farmers. He highlights factors affecting animal health services delivery, guiding principles, global policy options, and vital elements for the innovative design of service delivery-related interventions.

<https://soundcloud.com/eufmd/exploring-animal-health-solutions-for-farmers?si=bf602a2132654af6962ed2b636783444>

Veterinary workforce development and training requirements: OIE Virtual Workshop for Veterinary Education Establishment in India, 7-9th June 2021

<https://www.youtube.com/watch?v=5S1IMSzuVCU>

Findings of pre-meeting workforce survey: OIE Regional Virtual Awareness Raising Workshop on Veterinary Workforce and VPPs (Asia and the Pacific), June 10, 2021

<https://www.youtube.com/watch?v=Vs82Tb3bYJ0>

The imperative for institutions in the field of Animal Health for the One Health implementation in India

<https://www.youtube.com/watch?v=6EmtWV-f6eo>

Role of Veterinarian in AMR control – a discussion (Podcast)

<https://soundcloud.com/miftahul-barbaruah/talk-drbarbaruah-waaw2020>

"Animal Health and Production-related workforce analysis: with particular reference to an initiative in Assam" OIE VPP training held during April and May 2020.

<https://www.youtube.com/watch?v=wzyEyHslvOw>

Development of National Occupational Standards(NOS) and Qualification Pack (QP) for VPPs in India, OIE VPP Expert Group Meeting March 31 to April 2, 2020

<https://www.youtube.com/watch?v=e9xfMgp5egk>