

## **Anita Arya**

Associate Professor



### **Educational Qualification:**

Ph.D. Economics

### **Area of Research Interest:**

1. Macro Economics, Development Economics, Agricultural Economics, Industrial Economics and Human Development.

### **Books/Monograph:**

1. "Agricultural Marketing in Gujarat" 1993, Concept Publishing Company, New Delhi.
2. "Role of Rapid Transit System in Indian Cities", S.K. Mukherjee and Anita Arya, Indian Institute of Management, Monograph, 1980.
3. District Human Development Report – Sabarkantha published by Government of Gujarat, 2015.

### **Articles in Edited Volume:**

1. "The Implication of New Economic Policy on Agriculture Sector - Policy Issues of Agricultural Development" in Development Planning for Agriculture Policies, Economic Implications, Inputs Production and Marketing edited by Arbind Prasad, Jagdish Prasad, Mittal Publications, New Delhi, 1994, p.170. ISBN 81-7099-569-8.
2. "Emerging Trends of Agricultural Marketing in Gujarat". Encyclopedia of Agricultural Marketing: The Case of States: Emerging Trends and Perspectives, Vol. XII/edited by Jagdish Prasad. New Delhi, Mittal Publications, 2005, xxi, 322 p., tables, ISBN 81-7099-745-3.
3. "Recent Developments in Farmer –Market Linkages of Agri-Business in Gujarat" in the book Managing Rural Finances in India, Concept Publication, 2010. ISBN 81-8069-657-X.
4. "Contract Farming of Potatoes in Gujarat". Anita Arya and S R Asokan, published in the book titled, Promoting Horticulture Sector in India Challenges and Strategies. Editor Kanak Kanti Bagchi, Abhijeet Publications, Delhi, 2010. ISBN 978-93-80031-743.
5. "Krishi Rath: An Innovative Approach Towards Rural Development" Niti Mehta and Anita Arya published in the book Rural Development under Decentralised Governance Concept Publication 2012, ISBN -13:978-81-8069-838-5.

### **Course/Seminar Coordinator:**

1. Coordinated a course on "Macro Economics with Special Reference to Indian Economic System" sponsored by ICSSR, New Delhi from 17th to 30th March, 2004 at Sardar Patel Institute of Economic & Social Research, Thaltej Road, Ahmedabad. There were 25 participants from all over India. Topics covered were National Income, Monetary Policy, Fiscal Policy, Agriculture, Industry, Service Sector, Employment, Human Resources, Poverty, Economic Policy, International Trade, Infrastructure, and Economic Environment.

2. Coordinated a course on “**Macro Economics with Special Reference to Indian Economic System**” sponsored by ICSSR, New Delhi from **12 to 25th May, 2008** at Sardar Patel Institute of Economic & Social Research, Thaltej Road, Ahmedabad. There were 20 participants from all over India. Topics covered were National Income, Monetary Policy, Fiscal Policy, Agriculture, Industry, Service Sector, Employment, Human Resources, Poverty, Economic Policy, International Trade, Infrastructure, and Economic Environment.
3. National Seminar on “**Imperatives of Sustainable Farm Sector Development In The Backdrop of globalisation, Poverty And Employment**” held at the Institute on 15-16 June 2012, Sponsored by ICSSR & NABARD.
4. Coordinated a course on “**Refresher Course on Macro Economics with Special Reference to the Indian Economic System**” sponsored by the Indian Council of Social Science Research, New Delhi, scheduled on 13th to 27th May 2013 at the Institute. There were 31 participants. Topics covered were Survey of Macro Economic Theory, Poverty, Employment, Inter firm linkages, Environment & Sustainability. Issues related to Credit & Water, Industry & Services, Agriculture, Fiscal Policy, International Trade, Human Development, Urbanisation. No. of participants was 30.
5. Coordinated a course on “**Orientation Course in Social Science Research for SC/ST/OBCs**” from 13th to 17th January 2014 sponsored by the Indian Council of Social Science Research, New Delhi. There were 19 participants in the course.
6. Coordinated a Two Day National Seminar on “**Role of Public Policy in Development Process (Emerging Economic / Social Scenario in the Indian Economy)**” on January 4th and 5th 2016 at Sardar Patel Institute of Economic and Social Research (SPIESR), Ahmedabad sponsored by ICSSR, New Delhi. Around 45 participants.

#### **Working Paper:**

1. “**Performance of Gujarat Economy: An Analysis of Growth and Instability**”, (Niti Mehta and Anita Arya), Sardar Patel Institute of Economic and Social Research, Working Paper 7, November 2011.

#### **Refereed Journal Articles:**

1. "Spatial Integration of Regulated Markets in Kheda District of Gujarat:" A note published in **Indian Journal of Agricultural Marketing, Vol. 5, No.2, 1991.**
2. Stability of Agricultural Prices in Gujarat, **Anvesak, Vol. 21 No.1, Jan-June 1991.**
3. “Extent of Competitiveness in Regulated Markets of Gujarat”, **Anvesak, Vol.21, No.2, July-Dec. 1991.**
4. “Trends and Determinants of Income of Regulated Markets of Kheda District:A Note”, **Economic Affairs, July-Sept. 1992.**
5. “Cost of Buying and Cost of Selling Inside and outside the Regulated Market Yards of Gujarat”. **Journal of Social and Economic Studies Vol9, 1992.**
6. "Groundnut Marketing in Gujarat:" **Indian Journal of Agricultural Marketing, Vol.8, No.1, Jan-July 1994.**

7. Parity between Prices of Groundnut Oil and Groundnut Seed in Gujarat – A Case Study, **PSE Economic Analyst, Volume 15, 1994**, No.1 and 2.
8. “Pricing Efficiency in the Marketing of Potato Crop in Gujarat,” **Bihar Journal of Agricultural Marketing, Vol. III, April-June 1995**, No.2, pp.153-161.
9. “Problems and Prospects of Agro Processing Industries in India”, Anita Arya and S.P. Kashyap, PSE, **Economic Analyst, Vol.17, 1996**, No.1 & 2.
10. “Spatial Integration of Selected Markets in Sabarkantha District of Gujarat”, **Bihar Journal of Agricultural Marketing, July-Sept. 1996**.
11. “Agricultural Exports Problems & Prospects”, **Vision Vol. XV, No.3-4, Jan-June, 1996**.
12. “Stability of Agricultural Prices in the Selected Markets of Sabarkantha District of Gujarat”, **Journal of Social and Economic Studies, A.N. Sinha Institute of Social Studies, Patna. Vol. 13 1996**.
13. “Maximizing Profitability of Small Farmers: A study of Psyllium crop system in India” Anita Arya and DP Mathur, Published in **Madhya Pradesh Journal of Social Sciences July-December 1997** Vol. II No I page 105.
14. “SAGOSERVE: A Case Study of an Industrial Cooperative Society” **Anvesak, Vol.29 No1 Jan-June 1999**.
15. “Agricultural Research under Intellectual Property Regime in India Issues and Options”, S.R. Asokan and Anita Arya, **Anvesak, Vol. 30, No.2, July-December 2000**.
16. “Behaviour of Area Production and Yield of Food grains Across States During Last Two Decades. Anita Arya and S.N. Joshi, **Anvesak, Vol.32, No.1. January-June 2002**,
17. “Agro-processing Industries in Gujarat-Contract farming and Co-operatives” Anita Arya, paper published in **Anvesak, Vol.35 No.2, July-December 2005**.
18. “Indebtedness of Farmers: Can Contract Farming be a Solution”, paper published in **Productivity, Vol. 46, No.2-3, July-Dec, 2005**, pp.240-244.
19. “Need for a Paradigm Shift in the Rural Employment Policies” Anita Arya and S R Asokan, paper published in **Anvesak, Vo. 36, No.1, Jan- June, 2006**.
20. “Institutionalizing an Innovative Approach towards Agricultural Development”, Niti Mehta and Anita Arya, **Anvesak Vol.37 No.1, Jan.- June 2007**
21. “Recent Developments in Alternative Marketing System of Agricultural Products in India” paper published in **A Journal of the Indian Association of Social Science Institutions, IASSI, Vol. 25, No.4, April-June 2007**.
22. “Farmers Participation in Future Trading: Problems and Prospects”, S R Asokan and Anita Arya, **Productivity, Vol. 48, No.4, January-March 2008**.
23. “Contract Farming in Two Horticultural Crops: A Perspective” paper published in **Anvesak, Vol.39. No.1, Jan- June 2009**.
24. “A Framework for the Development of Management Information Systems for Integrated Development Projects” paper published in **Anvesak, Vol 39, No.2, July-December 2009**.

25. "Growth, Governance and Sustainability", **Anvesak**, Vol 40, No1&2, January-Dec. 2010.
26. "A Critical Look at the Terminal Market Concept for fruits, vegetable & other perishables" – S R Asokan and Anita Arya, **Anvesak**, Vol.41 No.1, Jan-June, 2011
27. "Contract Farming A Tool to Manage Risk in Agriculture" – Anita Arya and S R Asokan, **Anvesak**, Vol.41, No.2 July-Dec. 2011 .
28. "Scope for warehousing Receipts Financing of Commodity Markets in India" – S.R. Asokan and Anita Arya, **Productivity**, Vol.52, No.2&3, Combined 2011.
29. "Anew Dimension to Agricultural Marketing" paper published in **Anvesak**, Vol.44 No.1, Jan-June, 2014.
30. "Research in Social Sciences – A Note", published in **Anvesak**, Vol.44 No.1, Jan-June, 2014.

#### **Books Reviewed:**

1. R. Radhakrishnan, S.R. Rao, S Mahendradev, K. Subbarao: "India in a Globalizing World - Some Aspects of Macro Economy, Agriculture and Poverty" - Essays in honour of C.H. Hanumantha Rao, **Anvesak**, Vol. 37, No. 1, Jan.-June 2007.
2. C.H.Hanumantha Rao "Agriculture, Food Security, Poverty and Environment: Essays on Post Reform India", to be published in Nirma University **Journal of Business and Management Studies**, Volume 1, No. 2, 2006.
3. Shah Tushar, "Making Farmers Cooperatives Work - Design Governance and Management", **Journal of Rural Co-operation Israel**, Vol. 24, No. 2, 1996.
4. Shah Tushar, "Catalyzing Cooperation Design of Self-Governing Organization", New Delhi, Sage Publication. **Anvesak**, July-Dec., 1996.
5. Meyra Sebello Mendoza and Mark W. Rosegrant, "Pricing Behaviour in Philippine Corn Markets Implications for Market Efficiency", IFPRI Research Report, **Anvesak** Jan-June, 1996.
6. Ashok Kumar, "Rural Development in India - Dimensions of its Planning", New Inter India Publications, 1986, **Anvesak**, July-Dec. 1992.
7. "Kailas Sarap - Interlinked Agrarian Markets in Rural India", **Vikalpa**, April 1994.

#### **Refereed Conference Proceedings:**

1. "Price Spread and Price Variability in the Marketing of Potato in Gujarat: A Case Study of APMC, Ahmedabad" - P.K. Dave and Anita Arya. Paper published in **Indian Journal of Agricultural Marketing**, Vol. II, and June 1988.
2. "Parity between Prices of Groundnut Oil and Groundnut seeds in Gujarat: A Case Study" presented in the 5th National Conference on Agricultural Marketing, October 25-27, 1991 published in **Indian Journal of Agricultural Marketing**, Vol.5, No.1, Jan-June 1991, p.106
3. "Market Integration and Price Formation of Groundnut in Gujarat". A paper presented at the 53rd Annual Conference Ludhiana and published in **Indian Journal of Agricultural Economics**, July-Sept., 1993.

4. "Marketing of Milk and Milk Products in Gujarat: A Case Study of Abad" Dairy, a paper presented in the 7th National Conference on Agricultural Marketing at Nilokheri 26-28 Feb. 1993, published in **Indian Journal of Agricultural Marketing, VII Annual Conference Special, 1993.**
5. "The Impact of Advances for Minor Irrigation on the Growth of Agriculture in Gujarat": A paper presented at National Seminar on Agricultural Credit System: The next Stage Organized by the Agricultural Economics Research Association NAARM, Hyderabad, March 2-3, 1994. Published in **Agricultural Credit System in India (Seminar Proceedings)** edited by Mruthyunjaya V.C. Mathur, Praduman Kumar, 1994, p.187.
6. "Marketing of Agro Processed Products in India", paper accepted by the **Agricultural Economics Research Association Division of Agricultural Economics**, Indian Agricultural Economics Institute for the National Seminar on Policy for Agri Business Management at Bangalore on 29th and 31<sup>st</sup> May 1995. Published in **Agricultural Economics Research Review, Vol.8, No.2, 1995**, p.96.
7. Rural Development through Co- operative Dairying A Case Study of Surendranagar District, paper accepted in the fifty sixth Annual Conference of the Indian Society of Agricultural Economics on Jan 2-4, 1997 at Trissur, Kerala published in **Indian Journal of Agricultural Economics, Vol.51, No.4, Oct.-Dec. 1996.**
8. "Agricultural Industry Linkage", paper accepted for the 5th Conference of the Agricultural Economics Research Association held in New Delhi, Sept. 16-17, 1997. Published in **Agricultural Economics Research Review, Vol.10, July- December 1997**, No.2.
9. "Regional Variations in Agricultural Performance in the last two decades" paper accepted for the conference on Indian Society of Agricultural Economics, Dec. 1997, Pantnagar, U.P. Published in Indian **Journal of Agricultural Economics, Vol.52, No. 3, Conference Number, July-September, 1997.**
10. "Agricultural under Intellectual property regime in India: Issues and Options" presented at the 59th annual conference of Indian Society of Agricultural Economics published in **Indian Journal of Agricultural Economics, vol. 54 July-Sept 1999** no 3.
11. "Indebtedness of Farmers: Can Contract Farming be a Solution?", S R Asokan and Anita Arya paper accepted for the 65<sup>th</sup> Annual Conference of the Indian Society of Agricultural Economics, held at Ludhiana from 24<sup>th</sup> to 26<sup>th</sup> November 2005. published in the **Indian Journal of Agriculture Economics, July-Sept 2005**
12. "Future Trading: Does it Help Regulate Prices or Increase Speculation?", Anita Arya paper accepted for 19<sup>th</sup> National Conference on Agricultural Marketing at Pantnagar, Uttaranchal during 25<sup>th</sup>- 27<sup>th</sup> October 2005 published in **Indian Journal of Agricultural Marketing, Vol.19, No.2, 2005.**
13. "Role of Contract Farming in Managing Risk in Agriculture", Anita Arya and S R Asokan, paper accepted for the Annual Conference of AERA held at Kanpur during 6-7 January, 2006 published in **Agriculture Economic Review, December 2005.**
14. "Recent Infrastructural Changes in Agricultural Marketing in India" S R Asokan and Anita Arya, paper accepted for the **5th Development Convention of ICSSR Institution on Sustainable Development and the Indian Economy Approaches and Challenges in the New Millennium**, organized on 27-28 April 2006 at CMDR Dharwad, Karnataka , published in the volume .

15. "Organic Framing in Cotton-A Case Study of Agrocel", paper accepted for presentation and discussion at the **14th Annual Conference of the Agricultural Economics Research Association** at GB Pant University of Agriculture and Technology Pantnagar, U.S. Nagar 263145, Uttaranchal from **27th-28th September,2006**.published in **Agricultural Economics Research, Volume-19 (Conference number), 2006.**
16. "Future Trading and Risk Management by Farmers: A Perspective" paper accepted for the Annual Conference of Agricultural Economics held at BIRD, Lucknow, 4th-6th November, 2007.published in **Indian Journal of Agricultural Economics Vol. 62, No.3, July - Sept 2007**
17. "Recent Developments in Farmer-Market linkages of Agri-business in Gujarat" paper accepted for the **15th Annual Conference of the Agricultural Economics Research Association** held at UAS, Dharwad on **25-26th October, 2007**,published in **Agricultural Economic Research Review Volume 20 (Conference Issue), 2007**
18. "Changing Market Environment in Gujarat Agriculture for Sustainable Development", paper accepted for the **16th Annual AERA Conference Changing Market Environment and Supply Side Constraints in Indian Agriculture, 21-23 Nov. 2008** at AMITY School of Rural and Agricultural Management, AMITY University, Lucknow, Uttar Pradesh, **published in Agricultural Economics Research Review Volume 21, Conference Number, 2008.**
19. "Contract Farming in Two Horticulture Crops: A Transaction Cost Perspective" S R Asokan and Anita Arya ,paper accepted for the 68<sup>th</sup> Conference of the **Indian Society of Agricultural Economics** at Andhra University, Visakhapatnam, **28-30th November 2008**.published in **Indian Journal of Agricultural Economics, Vol. 63, No 3, July September, 2008.**
20. "Contract Farming by Multinationals in Gujarat", paper accepted for the 22nd National Conference on Agricultural Marketing organized by the **Indian Society of Agricultural Marketing on 25,26 and 27th February, 2009** at Department of Economics and Sociology ,Punjab Agricultural University Ludhiana
21. "Vertical Integration in Indian Food Industry: Case of Broiler Chickens "S R Asokan and Anita Arya, paper accepted for the ISAE Conference December,17-19,2009.at Ludhiana, published in Conference Number **IJAE VOL.64, No.3, July-Sept 2009.**
22. "Case Study on Value Chains-Issues and Challenges" , 18<sup>th</sup> Annual AERA Conference on Value Chains of Agriculture Commodities and their Role in Food Security and Poverty Alleviation 18-20 Nov,2010,Organisers –National Academy of Agricultural Research Management ,Rajendranagar, Hyderabad 500407.published in **Agricultural Economics Research Review,Vol.23 (Conference Number) 2010.**
23. "Food Security Issues and Problems "paper accepted for International Conference on Agripreneurship and Rural Development ,ICARD, Banaras Hindu University Campus, **Varanasi , December,5-6,2009** published on Perspectives Agripreneurship and Rural Development.
24. "Coordination in High Value Commodity –A Case of Firm Farm linkages", Anita Arya and S R Asokan paper accepted for the **National Conference on Managing Agri-Food Supply Chain, at IIM, Lucknow, April-9-11, 2010.**

25. "Agribusiness of Potatoes in Gujarat", paper presented at Seminar on Agribusiness Potential of Gujarat, 17th, 18th March, 2011 at Dept of Agricultural Economics, B A College of Agriculture, International Agribusiness Management Institute Anand Agriculture University, Anand, organised by ISAM published in **Agribusiness Potential of Gujarat State** (Seminar Proceedings, ASAN 2011).
26. Scope for Warehouse Receipts Financing of commodity Markets in India – S.R. Asokan, Anita Arya, paper accepted for the ISAE for the Conference held in Dharward, Nov-3-5, 2011, published in **IJAE**, July-Sept, 2011 VOL, 66, No.3.
27. "Producers Company in Gujarat," paper accepted for the Seventy Third Annual Conference of the Indian Society of Agricultural Economics at Agri Business Management, Hyderabad, Dec. 18-20, 2013 published in Indian Journal of Agricultural Economics, Vol.68, No.3, July-September 2013.

#### **Others:**

1. "Water Resource Utilization for Sustainable Development in Agriculture"- paper accepted for **International Conference on Ecological Agriculture towards Sustainable Development organized by Indian Ecological Society**, Ludhiana held in Chandigarh, Nov.15-17, 1997.
2. "Cooperatives in Globalization" paper accepted for the **Xth World Congress of Rural Sociology**, Rio-de-Janeiro, Brazil July 30 to August 5, 2000.
3. "Growth of Agricultural Production in Agro-climatic Regions: A District level Analysis" - N.C. Shah and Anita Arya, Sardar Patel Institute of Economic and Social Research (S.P.I.E.S.R.). Paper presented in the **National Seminar on Agro climatic Regional Planning on March 5-6, 1990** at Ahmedabad.
4. "Poverty Estimates at Zonal/Sub-zonal Level of Agro-climatic Regions"-N.C. Shah and Anita Arya, **ARPU Consultants paper, May 1990.**
5. "Land Productivity Differentials in Indian Agriculture: A District Level Analysis" N.C. Shah and Anita Arya, **ARPU Consultants paper June 1991.**
6. Case Study: 1.GCEL, Vadodara 2.CROWN, Gandhinagar 1992.
7. "Women Entrepreneurs - Problems and Prospects", paper presented at the **National Workshop on Entrepreneurship and Small Business Development for Women** at Baroda, Feb.1-2, 1995.
8. "A Few Basic Facts about the Economics of India, Kenya and Sri Lanka", Anita Arya, 1982.
9. "Some Notes on Fertilizer Consumption in Kenya" - GM Desai and Anita Arya, 1982.

#### **Teaching Experience:**

1. **Visiting Faculty in St. Xavier's College from October 1978 to April 1981** teaching 'Principles of Economics' to under-graduate classes.
2. **Visiting Faculty in Gujarat University, MLW Industrial Organization and Finance from June 1996-2006.**
3. **Visiting Faculty in K.S. School of Management, MBA Classes on Macro Economics, August 1997-2000.**
4. Lecture on '**Recent Infrastructural Changes in Agricultural Marketing in India**' on **22 January, 2006** at 3.45 pm in Refresher Course in Economics during 3-23 January, 2006 at University School of Social Sciences, Gujarat University, Ahmedabad.

5. Session on Theories of International Trade on 25<sup>th</sup> May 2013 in the “**Refresher Course in Macro Economics with Special Reference to Indian Economic System**” scheduled on 13 to 27 May 2013, at SPIESR Ahmedabad
6. Sessions on Case Study and Content Analysis on 3<sup>rd</sup> November 2014 during the ICSSR sponsored Research Methodology Programme for Ph.D. scholars at R A Podar College of Commerce and Economics, Matunga, Mumbai from 27<sup>th</sup> October to 5<sup>th</sup> November 2014.
7. Sessions on Case Study on 21<sup>st</sup> April 2015 for Research Methodology Course “21<sup>st</sup> April to 27<sup>th</sup> April 2014 from 2.00 to 3.30 pm at Knowledge Consortium of Gujarat jointly organized by Knowledge Consortium of Gujarat and Gujarat Commerce College (morning). KCG, Department of Education, Government of Gujarat, Gujarat University, Navrangpura, Ahmedabad.
8. Resource Person for the session on field report presentations made by the students who attended the Research Methodology course (from 16 to 25<sup>th</sup> April 2015) on 25<sup>th</sup> April 2015 from 11.30 am to 1.00 pm at Sardar Patel Institute of Economic and Social Research, Ahmedabad.
9. Chairperson for the technical session V :Stronger Economic Development Expansion in the context of Human Development on 4thNov. during National Seminar on Status of Human Development in Gujarat - SPIESR on 3rd and 4<sup>th</sup> November,2015,sponsored by ICSSR.New Delhi
10. Observer for the Research Methodology course organized by DEPARTMENT OF EDUCATION ,SAURASHTRA UNIVERSITY ,RAJKOT from 28<sup>th</sup> February-8thmarch 2016,sponsored by ICSSR,NewDelhi.
11. Resource person for the session on Descriptive Research and Empirical Research on 8thMarch,for the Orientation Course for SC and STs at MIDS,Chennai,from 7<sup>th</sup> -11 March,2016.
12. Resource Person for the session on Field Report presentation by participants and review of the presentations during 10 Day Research Methodology Course for Ph.D. students in Social Sciences on 24 April to 3 May 2017 at Sardar Patel Institute of Economic and Social Research.

#### **Other Academic Achievement/Activities:**

1. **Member of the Executive Committee** of the Indian Society of Agricultural Marketing, Jaipur, 1991- 92, 1992-93, 1993-94.
2. **Editor**, Anvesak S.P.I.E.S.R., Thaltej, Ahmedabad, since 1991.
3. **Member of the Executive Committee** of the Agricultural Economics Research Association IARI, New Delhi, 1993-94, 1994-95.

#### **Projects:**

1. Urban Transport in Indian Cities with Prof. S.K.Mukherjee, I.I.M. - 1978.
2. Energy for Rural Development with Prof. S.K.Mukherjee, I.I.M. 1978-79.
3. Inland Fisheries Project with V.K.Gupta, I.I.M., 1979-80.
4. Production & Consumption of Fertilizer in India with G. M. Desai, I.I.M. - 1982.
5. Socio-Economic Benchmark Survey – Narmada Command Area with Prof. Praveen Visaria and Prof. Gokul Parikh, SPIESR – 1982.



6. Socio-Economic study of Migration in Gujarat with Prof. D.K.Kothari and Prof. Praveen Visaria, SPIESR - 1982.
7. Adult Education & Women's Development with Special Reference to faculty and Child Care with Prof. Thomas Mathew – 1985.
8. Problem of Technology Oriented Industries – study of Electronic Industries of Gujarat with Prof. R. D. Desai – 1992.
9. Agro-climate Regional Planning Unit with Prof. S. P. Kashyap & Prof. N. C. Shah – 1991.
10. District Human Development Report – Sabarkantha published by Government of Gujarat, 2015.

**Contact:**

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