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CURRENT EMPLOYMENT:	Research Fellow and Cluster Leader of the Business, Markets and the State cluster, Institute of Development Studies
LANGUAGES:	Spanish (native); English (fluent)
THEMATIC EXPERTISE:	Technology and innovation policy; Structural change, Sustainable transformations
GEOGRAPHICAL EXPERTISE:	South America

OVERVIEW

Dr Anabel Marín is currently a Research Fellow and the Leader of the Business, Markets & State Cluster at the Institute of Development Studies (IDS). She is member of the Steering Committee of the Global Network for OpenSource Seed Initiatives (OSSSI) and the director of [Bioleft](#), an open-source initiative for seed breeding.

She has a degree in Economics (Cordoba University), a Magisters in Development (University of General Sarmiento) and a PhD in Science and Technology Policy Studies (SPRU, Sussex University). Between 2007 and 2009 she was an ESRC post-doctoral researcher and worked as a research fellow at SPRU. She has acted as a research consultant for international organisations such as the International Development Research Center (IDRC), the World Bank, the Interamerican Development Bank (IDB), the Economic Commission for Latin America and the Caribbean (ECLAC), UNESCO and UNIDO, amongst others. She has led numerous national and international research and action projects on issues of sustainability, business and industrial development, science, technology and innovation policy, and trade and industrial policy funded by ESRC, the International Social Council, the Global Consortium for Sustainability Outcomes, the Conservation Food and Health Foundation, FLACSO, CLACSO, and the Argentinean Council of Science and Technology. During 2018, she was seconded as a full-time member of the Directorate of the National Commission of External Trade in Argentina.

Anabel is interested in the use of multidisciplinary approaches to address problems of economic, sustainable, and inclusive development. Her work combines research, policy advice, activism, and the development of cultural products for sustainable development (see: [here](#)). Her current projects are on the topics of: transformations in science and knowledge systems for development; open and collaborative forms of innovation; innovation and complementary capabilities for vaccines development; transitions in natural resource industries and citizens participation; the development of domestic suppliers to the natural resource sector (e.g. agricultural machinery and knowledge intensive services for the mining and gas and oil sectors); successful exporting firms in the agri-food sector; the political economy of trade liberalisation.

EDUCATION AND QUALIFICATIONS

2007	Post-PhD Science and Technology Policy Studies, ESRC Science and Policy Research Unit (SPRU), University of Sussex, United Kingdom
2001 – 2006	PhD Science and Technology Policy Studies Science and Policy Research Unit (SPRU), University of Sussex, United Kingdom
1996 – 1998	MSc Industrial Economy and Development

National University of Mar del Plata and National University of General Sarmiento, Argentina

1989 – 1994

BSc Economics

National University of Córdoba, Argentina

RECORD OF EMPLOYMENT

2021 – PRESENT

Research Fellow and Cluster Leader, Institute of Development Studies, UK

2016 – PRESENT

Director, Bioleft Open and Collaborative System for Seeds Development, Argentina

2010 – 2020

Independent Researcher, CONICET (National Council of Scientific and Technological Research), Argentina

2018 – 2020

Director, Center of Studies of Transformation (CENIT), School of Economy and Business, National University of San Martin (UNSAM), Argentina

2006 – 2017

Member of the Directory, National Commission of External Trade, Argentina

2007 – 2010

Research Fellow, Science and Policy Research Unit (SPRU), University of Sussex, UK

1998 – 2006

Researcher/Lecturer, Economics, Institute of Industry, General Sarmiento University, Argentina

1995 – 1998

Researcher, Federal Investment Council and National Institute of Statistics and Census (INDEC), Argentina

AFFILIATIONS

Chair of the Global Open-Source Seed Initiative, [GOSSI](#).

Member of the 'Consejo de Cambio Estructural', an advisory board for the Ministry of Production in Argentina.

Member of the Participatory Plant Breeding working group of [Seed Change](#).

Member of 'Expert Consultation on the Post COVID-19 implications on collaborative governance of genomics research, innovation and genetic diversity.', Food and Agriculture Organization of the United Nations (FAO), The International Treaty on Plant Genetic Resources for Food and Agriculture, ASU, Center for Science, Technology and Environmental Policy Studies, Arizona State University, Keystone Policy Center and CIRAD.

Member of the advisory board of the PhD programme on Economics, National University of General Sarmiento, UNGS.

Expert member of the Panel Internacional de Expertos del Belmont Forum-NORFACE Transformations to Sustainability (T2S) Programme., June 2017, Virginia, USA.

Member of the "Comisión Asesora de Temas Estratégicos y Tecnología para ingresos como miembro de la Subcomisión de Desarrollo y Tecnología Social", CONICET.

Member of the Comisión ad hoc for evaluation of PICT 2016, del Área de Economía y Derecho.

Member of the Comisión de Proyectos de Investigación y Desarrollo (PID) que recomienda al Directorio de la Agencia los proyectos a subsidiar.

Member of the Comisión Evaluadora de Becas de Doctorado y Post Doctorado Conicet, 2016.

Permanent Member of the Peer Review College, Economic and Social Research Council (ESRC), United Kingdom.

Member of the Peer Review College, CONICET, Argentina.

Referee for the following journals: Development and Change, Resources Policy, Global Environmental Change, Journal of International Business Policy, Research Policy, Journal of World Business, Journal of Peasant Studies, The European Journal of Development Research, Environment and Development Economics, World Development, Industrial and Corporate Change, Regional Studies, Oxford Development Studies, Industry and Innovation, Review of Policy Research, Políticas Públicas.

Referee for the following conferences: DRUID and the International Conference on Sustainability Transitions.

SELECTED EXPERIENCE

2022 – PRESENT	PI, ' <i>Innovation and Complementary Capabilities for Vaccines</i> ', ESRC
2022 – PRESENT	PI, ' <i>Transitions in the Mining Sector in Chile</i> ', Inter-American Development Bank
2021 – PRESENT	PI, ' <i>Foresight for New Collaborative Platforms to Support LMIC Science Systems</i> ', IDRC
2020	PI, ' <i>Comparative Analysis of the Sectoral Systems of Innovation on Biotechnology Drugs in Argentina, Brazil and Colombia: Policy Recommendations to Support the Development of the Sector in Peru</i> ', Inter-American Development Bank, Argentina
2020	PI, ' <i>Inputs to Change Mining Investment and Environmental Laws in Argentina</i> ', Ministry of Production, Argentina
2019 – 2020	PI, ' <i>Diverse Strategies, Capacities and Challenges for Exporting Differentiated Goods from the Agri-food Sector in Latin America and the Caribbean: Reflections Based on a Selected Group of Success Stories from Argentina</i> ', Inter-American Development Bank
2019 – 2020	Co-director, ' <i>Sharing Learning to Implement and Open and Collaborative Seed Innovation System in México</i> ', Global Consortium for Sustainability Outcomes, Mexico
2018 – 2020	PI, ' <i>Bioleft: A Collaborative, Open-source Seed Breeding Initiative for Sustainable Agriculture</i> ', Conservation Food and Health Foundation
2018 – 2019	Co-Director, ' <i>Innovación y Competitividad en Cadenas de Valor Mineras: Una Comparación de las Cadenas del Cobre en Brasil y Argentina</i> ', Inter-American Development Bank
2015 – 2018	Global Co-I ' <i>Transformative Pathways to Sustainability: Learning across Disciplines, Contexts and Cultures</i> ', International Social Science Council, Argentina

SELECTED PUBLICATIONS

Marín, A. and Perez, C. (2023) 'New Perspectives for Development Based on Natural Resources: A Neo-Schumpeterian Vision for Latin America', in J. Sánchez and M. León (eds), *Natural Resources and Sustainable Development: Theoretical Proposals in the Context of Latin America and the Caribbean*, Santiago: Economic Commission for Latin America and the Caribbean (ECLAC)

Stubrin, L.; Marín, A. and Murguía, D. (2023) '[*Innovation Opportunities and Backward Linkages in Mining: An Analysis of Argentinean Knowledge-Intensive Mining Suppliers \(KIMS\)*](#)', *Industrial and Corporate Change*, DOI: 10.1093/icc/dtad076 (accessed 4 March 2024)

- Marín, A.; Stubrin, L. and Palacín, R. (2022) '[Growing from the South in the Seed Market: Grupo Don Mario](#)', *Journal of Agribusiness in Developing and Emerging Economies* 12(4): 656-672, DOI: 10.1108/JAEE-11-2021-0307 (accessed 4 March 2024)
- O'Farrell, J.; Obaya, M. and Marin, A. (2022) 'The Challenges of Leaving Protectionism Behind the Political Economy of Trade Policy in Argentina', in J. Cornick, J. Frieden, M.M. Moreira and E. Stein (eds), *Political Economy of Trade Policy in Latin America*, Washington, D.C.: IDB
- Marín, A. and Goya, D. (2021) '[Mining – The Dark Side of the Energy Transition](#)', *Environmental Innovation and Societal Transitions* 41: 86-88, DOI: 10.1016/j.eist.2021.09.011 (accessed 4 March 2024)
- Marín, A.; Stubrin, L.; Murguía, D., et al. (2021) '[Innovation and Competitiveness in Mining Value Chains: The Case of Argentina](#)', IDP Discussion Paper 892, Washington, D.C.: IDB (accessed 4 March 2024)
- Fressoli, M. and Marín, A. (2021) 'Modelos de Desarrollo en Disputa', *Desde la Patagonia, Difundiendo Saberes* 18.31: 48-52
- Marín, A.; van Zwanenberg, P. and Cremaschi, A. (2021) 'Bioleft: A Collaborative, Open-Source Seed Breeding Initiative for Sustainable Agriculture', in A. Ely (ed), *Transformative Pathways to Sustainability: Learning Across Disciplines, Cultures and Contexts*, Oxfordshire: Routledge
- Ely, A. and Marin, A. (2021), 'The "Pathways" Transformative Knowledge Network', in A. Ely (ed) *Transformative Pathways to Sustainability: Learning Across Disciplines, Cultures and Contexts*, Oxfordshire: Routledge
- Mauro, L.M. and Marín, A. (2021) '[Aportes al estudio de la diversificación productiva en el contexto de economías en desarrollo: un análisis de los factores asociados al vínculo entre productos](#)', *Desarrollo Económico* 60.231 (accessed 4 March 2024)
- Andersen, A.D. and Marín, A. (2019) *Learning and Innovation in Natural Resource Based Industries*, 1st ed., London: Routledge
- Andersen, A.; Marín, A. and Simensen, E. (2019) '[Innovation in Natural Resource-Based Industries: A Pathway to Development? Introduction to Special Issue](#)', *Innovation and Development* 8(11): 1-27, DOI: 10.1080/2157930X.2018.1439293 (accessed 4 March 2024)
- Van Zwanenberg, P; Cremaschi, A.; Marín, A. et al. (2018) '[Seeking Unconventional Alliances and Bridging Innovations in Spaces for Transformative Change: The Seed Sector and Agricultural Sustainability in Argentina](#)', *Ecology and Society* 23.3, DOI: 10.5751/ES-10033-230311 (accessed 4 March 2024)
- Hallak, J.C. and Marín, A. (2018) '[Inserción Internacional y Desarrollo Productivo: Modelos Alternativos para la Argentina](#)', *Desarrollo Económico* 58.225: 207-212 (accessed 4 March 2024)
- Marín, A. and Petralia, S. (2018) '[Sources and Contexts of Inter-Industry Differences in Technological Opportunities: The Cases of Argentina and Brazil](#)', *Innovation and Development* 8.1: 29-57, DOI: 10.1080/2157930X.2018.1429191 (accessed 4 March 2024)
- Arza, V., Marín, A., López, E. y Stubrin, L. (2018) 'Redes de conocimiento asociadas a la producción de recursos naturales en América Latina', *Revista de la CEPAL* 125: 99-126
- Marín, A. and Stubrin, L. (2017) 'Oportunidades y desafíos para convertirse en un innovador mundial en Recursos Naturales (RN)', *Argentina Desarrollo Económico* 56.220
- Vila Seoane, M and Marín, A. (2017) '[Transiciones hacia una agricultura sostenible: el nicho de la Apicultura orgánica en una cooperativa Argentina](#)', *Mundo Agrario* 18.37 (accessed 4 March 2024)
- Marín, A. (2016) 'Las Industrias de Recursos Naturales como Plataforma para el Desarrollo de América Latina', in C. Denzin and C. Cabrera (eds), *Nuevos Enfoques para el Desarrollo Productivo, Estado, Sustentabilidad y Política Industrial*, Buenos Aires: Fundación Friedrich Ebert (FES)

- Marín, A.; Ely, A. and Van Zwanenberg, P. (2016) '[Co-Design with Aligned and Non-Aligned Knowledge Partners: Implications for Research and Coproduction of Sustainable Food Systems](#)', *Current Opinion in Environmental Sustainability* 20: 93–98, DOI: 10.1016/j.cosust.2016.09.003 (accessed 4 March 2024)
- Marín, A.; Navas-Aleman, L. and Perez, C. (2015) '[Natural Resource Industries as a Platform for the Development of Knowledge Intensive Industries](#)', *Tijdschrift Voor Economische en Sociale Geografie* 106.2: 154-168, DOI: 10.1111/tesg.12136 (accessed 4 March 2024)
- Cirera, X., Marín, A. and Markwald, R. (2015) '[Explaining Export Diversification through Firm Level Decisions: The Case of Brazil](#)', *Research Policy* 44.10: 962-1973, DOI: 10.1016/j.respol.2015.06.004 (accessed 4 March 2024)
- Marín, A., and Sasidharan, S. (2010) '[Heterogeneous MNC Subsidiaries and Technological Spillovers: Explaining Positive and Negative Effects in India](#)', *Research Policy* 39.9: 1227- 1241, DOI: 10.1016/j.respol.2010.06.001 (accessed 4 March 2024)
- Marín, A. and Bell, M. (2010) '[The Local/Global Integration of MNC Subsidiaries, and their Technological Behaviour: Argentina in the Late 1990s](#)', *Research Policy* 39.7: 919-931, DOI: 10.1016/j.respol.2010.04.002 (accessed 4 March 2024)

SELECTED CONFERENCES

- February 2022** Speaker, STRINGS workshop: on 'Perspectives and Policies to Steer Science, Technology and Innovation for the SDGs.'
- January 2022** Speaker, Sussex Development Lecture: '[Mining minerals – uncertainties caused by global energy transitions](#)'.
- December 2021** Speaker, Seminar: Semillas para una agricultura sustentable: los desafíos de la concentración: Bioleft and The Rapid Transition Alliance
- December 2021** Speaker, Final STEPS Conference, Final Session and Panel Organiser: Energy transition, minerals, conflicts and civil society participation in LAC
- August 2021** Speaker, Seminar: [Visiones sobre la minería Argentina](#). Presentation. 'Dilemas de la política minera argentino: los límites de los enfoques productivistas convencionales'. CENIT, CIECTI and FUNDAR.
- June 2021** Speaker: Opening talk – with William Maloney (World Bank) for the [Cycle of Seminars on Natural Resources and Development](#) organised by CENIT, UNSAM, FUNDAR and CIECTI.
- June 2021** Speaker, special session, [SRI 2021 congress](#) on 'Strengthening transdisciplinary sustainability science in the Global South.'
- April 2021** Opening Speaker, National Congress of the Argentinean Society of Territorial Planning (SAPLAT) on 'Productive models: social inclusion, economy and environment'. With the National Director of Regional Development, National Ministry of Productive Development, Mercedes La Gioiosa.
- February 2021** Speaker, Challenging Research for Sustainability: Transdisciplinary methods, relationships, politics, and praxis – Organised by STEPS.
- October 2020** Speaker, Diálogo de Políticas regionales IDB: Diálogo Regional de Política: Desafíos de Innovación en la Cadena de Valor Minera de LAC. Aprendizajes de los casos de: Argentina, Brasil y Perú – Discussing the Argentinean case.

June 2020	Speaker, SIDPA 'Diversificación a partir de recursos naturales: Aprendizajes recientes y desafíos futuros'. Universidad de Buenos Aires (UBA), la Universidad de San Andrés (UdeSA), la Universidad Nacional de General Sarmiento (UNGS) y la Universidad Nacional de San Martín (UNSAM).
August 2019	Seminar, 'Recursos Naturales, Innovación y Desarrollo Sustentable'. Providencia, Chile. Organizado por el Banco Interamericano de Desarrollo (BID).
August 2019	Keynote speaker, 'Red Chilena de Investigadores en Innovación'. El Instituto de Innovación Basada en Ciencia de la Universidad de Talca y la Pontificia Universidad Católica de Valparaíso, Chile.
August 2019	Speaker, Taller Derecho a la Ciencia, organizado por UNESCO. August 20 and 21, 2019. Villa Ocampo, Béccar, Argentina.
May 2019	Speaker, ' Policy Environmental innovations related to natural resources / Some interesting cases of environmental innovations from Latin America and the Caribbean '. Training course on the Design and Evaluation of Innovation, United Nations University – UNU Merit, La Paz, Bolivia.

TEACHING EXPERIENCE

Lectures

Mining: the dark side of the energy transition. How to face the new challenges that will emerge in mining emerging economies? Global Development Policy and Perspective professional development course. September 2021, IDS

Mining: the dark side of the energy transition. New opportunities and challenges for developing countries, SPRU, Magister in Sustainable Development

Genetic technologies in agriculture: considering the international situation from different dynamic contexts, SPRU Sustainability Workshop, with Adrian Ely: Friday 9 July

Courses

2022	Course convenor: Competing in the Green Economy, MA Globalisation, Business and Development, IDS
2018 – 2020	Economics of Innovation and Technology, Master in Economics, Faculty of Economic Science, University of Buenos Aires.
2015	Global Economics and international flows of I&D, Master on "New Technology Based Companies", Faculty of Economic Science, University of Buenos Aires.
2014	Innovation and Development Sustainable, Master in Science, Technology and Society. National University of Quilmes
2013	Innovation and Technological Change, Master in Organizational Studies, University of San Andrés (with Valeria Arza)
2013	Economics of Innovation and Technology, Master in Economics, Faculty of Economic Science. University of Buenos Aires. Professors: Valeria Arza and Anabel Marin
May 2013	PhD Course Theories of Sustainable Transition, Aalborg University, Denmark.
May 2013	STEPS, Summer School: Grassroots innovation and transitions, SPRU/IDS, Brighton, UK.

2012 onwards	Industrial Organization, Economics Degree, University of Mar del Plata
2010 onwards	Workshop: Writing a dissertation, Master in Economics, Faculty of Economic Science, University of Buenos Aires
2008 / 2009	Introducing Science, Technology and Innovation Studies Lectures for MSc in Public Policies for Science, Technology and Innovation, MSc in Technology and Innovation Management, MSc in Science and Technology for Sustainability, MSc in International Management, all above SPRU, University of Sussex
2008 / 2009	Introduction to Development Economics, Master of Arts in Human Rights and Conflict Management, VI Edition – Scuola Superiore Saint'Anna, Pisa, Italy.
2006	MNCs and technological learning in developing countries, Master in International Studies, University Tortcuato Di Tella, Argentina
2005 – 2006	Advanced Topics of Innovation, MSc in Science Technology and Innovation, University of General Sarmiento (UNGS), REDES, IDES, Argentina
2005 – 2006	Quantitative Methods, MSc in Industrial Economy and Development, UNGS, Argentina
2005 – 2006	Statistical Analysis, BA in Industrial Economics, UNGS, Argentina
2004 – 2005	Technology Transfer, MSc in Science and Innovation, UNGS, REDES and IDES, Argentina
2001 – 2003	Research methods (i.e., statistical analysis for research in science and technology policy, SPSS) DPhil and Masters programmes, SPRU, University of Sussex, UK
1998– 2000 / 2005	International Trade BA in Industrial Economics, UNGS, Argentina
1998– 2000	Neoclassical Theory BA Industrial Economics, UNGS, Argentina
1998	Principles of Economic Theory, BA Industrial Economics, UNGS, Argentina
1994 – 1997	Microeconomics and Macroeconomics, BA in Economics, University of Cordoba and Catholic University of Cuyo, Argentina