

Journal of Technology Management and Innovation

Call for Papers: Special Issue

Innovation Challenges in Latin America

Deadline 30 March 2019

Innovation emerges as an option for companies to achieve growth and sustainability in a dynamic, complex and increasingly competitive environment. Thus, the innovation process has been analyzed from different perspectives, finding different definitions and classifications (Porter, 1998; Cooke, 2008; McCann and Ortega-Argiles, 2015; Geldes *et al*, 2017a).

However, most innovation studies have focused on developed economies. In fact, in the case of Latin America, studies started late and are relatively scarce (Ketelhöhn and Ogliastrì, 2013; Olavarrieta and Villena, 2014). In addition, it has been established that business innovation is determined by internal and external factors that are specific to each industrial sector and country, so those general recommendations can only be made to promote innovation in developing or emerging countries (Brenes *et al*, 2016; Geldes *et al*, 2017a; Heredia *et al*, 2018a). Moreover, there are specific variables in Latin American and emerging economies that affect innovation processes such as high levels of informal competition, low levels of inter-organizational cooperation, differences between companies in regions and capitals, among others (Pino *et al*, 2016; Brache and Felzensztein, 2017; Geldes *et al*, 2017b; Heredia *et al*, 2018b).

Given the above, we propose this “special issue” of the Journal of Technology Management and Innovation (www.jotmi.org), with the purpose of contributing to the discussion of the challenges to promote innovation in Latin America. With the purpose of orienting the research proposals, we propose the Global Index of Innovation¹ as a framework, considering the disaggregation of its dimensions and components. It will allow shedding light on topics that can be addressed for this special issue oriented to the firm’s innovation, such as:

Institutions

Ease of starting a business

Ease of resolving insolvency

Human Capital and Research

Researchers

Global R&D companies

Infrastructure

Uses and access of Information and Communication Technologies

ISO 14001 environmental certificates

Market sophistication

Ease of getting credit

Intensity of local competition

Domestic market scale

Business sophistication

The percentage of females employed with advanced degrees out of total employed

University/industry research collaboration

Intellectual property payments

Research talent in business enterprise

(1) <https://www.globalinnovationindex.org/Home>

Knowledge and technology outputs

Patent applications by origin
 New business density
 Total computer software spending
 High-tech exports

Creative outputs.

Cultural and creative services exports
 Mobile app creation

Submission Instructions

Paper submissions will follow the Editorial Policies and Peer review Process of Journal of Technology Management and Innovation. Please consult the Journal's Author page². Submissions can take the form of research articles, cases study and review.

Timeline

Submissions to the Special Issue due by **30 March 2019**
 Publication of the Special Issue in November 2019

Editorial information

The guest editors of this special issue are three scholars who are part of the International Research Network “*Entrepreneurship, Innovation, and Cooperation in Regional SMEs*”³ financed by CONICYT⁴, Chile.

Cristian Geldes, Faculty of Economic and Business, Alberto Hurtado University, Chile.
 Alejandro Flores, Department of Administration, University of Pacific, Peru.
 Christian Felzensztein, Dean's Chair in Strategy, Massey University, New Zealand.

References

- Brache, J., & Felzensztein, C. (2017). Geographical co-location on Chilean SME's export performance. *Journal of Business Research* (in press – available on line).
- Brenes, E., Camacho, A., Ciravegna, L. and Pichardo C. A., 2016. Strategy and innovation in emerging economies after the end of the commodity boom – Insights from Latin America. *Journal of Business Research*, Vol. 69, Issue 10: 4363-4367.
- Cooke, P., 2008. Regional Innovation Systems, Clean Technology & Jacobian Cluster-Platform Policies. *Regional Science Policy & Practice* 1 (1): 23-45.
- Geldes, C., Felzensztein, C. and Palacios, J. (2017a). Technological and non-technological innovations, performance and propensity to innovate across industries. The case of an emerging economy. *Industrial Marketing Management*, Vol. 61, pp. 55-66.
- Geldes, C., Felzensztein, C., Mora, M., and Heredia, J. (2017b). Proximity as determinant of business cooperation for technological and non-technological innovations: a study of an agribusiness cluster. *Journal of Business & Industrial Marketing*, 32:1, pp. 167-178.
- Heredia, J., Geldes, C., Kunc, M. and Flores, A. (2018a). New approaches to the innovation process in emerging economies. The manufacturing sector case in Chile and Peru. *Technovation* (in press – available on line)
- Heredia, J., Kunc, M., Durst, S., Flores, A. y Geldes, C. (2018b). Impact of competition from unregistered firms on R&D investment by industrial sector in emerging economies. *Technological Forecasting and Social Change*, Vol. 133, pp. 179-189.
- Ketelhöhn, N. & Ogliastrri, E., 2013. Introduction: innovation in Latin America/Introducción: innovación en América Latina. *Academia Revista Latinoamericana de Administración*, 26 (1): 12-32.

(2) <http://www.jotmi.org/index.php/GT/about/submissions#authorGuidelines>

(3) <https://www.managementnetwork.org>

(4) <http://www.conicyt.cl/>

- McCann, P. & Ortega-Argilés, R., 2015. Smart specialization, regional growth and applications to European Union Cohesion Policy. *Regional Studies*, Vol. 49, Issue 8, 1291-1302.
- Olavarrieta, S., Villena, M.G., 2014. Innovation and business research in Latin America: An overview. *Journal of Business Research*, 67(4): 489–497.
- Pino, C., Felzensztein, Ch., Zwerg-Villegas, A. M. y Arias-Bolzman, L. (2017). Non-technological innovation: Market performance of exporting firms in South America. *Journal of Business Research*. Vol. 69, Issue 10, 4385-4393.
- Porter, M., 1998. Clusters and the New Economics of Competition. *Harvard Business Review* 76: 77-90.