

Business in the Base of the Pyramid: A Literature Review and Directions for Future Research

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Abstract. *The base of the pyramid (BoP) is the lower-income segment of the population. It represents an important market that is often disregarded by companies as a source of economic benefit. For this reason, scholars have gained interest in this topic since the early 21st century. The main objective of this article is to identify research areas related to business in the BoP. A qualitative investigation was carried out by reviewing the business literature on the BoP. Sixty-seven articles related to the topic were reviewed. This literature review was conducted using the four-stage qualitative method, including: (1) data collection; (2) data coding; (3) data analysis; and (4) interpretation of results. The result of the review was the identification of 12 gaps that must be addressed to improve the understanding of the BoP businesses. A description of the articles selected for the review is presented.*

Keywords: *base of the pyramid (BoP), bottom of the pyramid, literature review, poverty alleviation*

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Introduction

The base of the pyramid (BoP), which represents about 70% of the population, is made up of people who live in relative poverty. Given this population's conditions, it has been ignored as an attractive market for business (Prahalad, 2010). This research explores pending topics to be addressed regarding business and the BoP. In this regard the research question that supports this literature review is: Which are the pending topics to be addressed in the business of the BoP?

Poverty is an endemic evil in many countries, which is why companies are vital engines for its reduction and, in some cases, its improvement (Casanova & Dumas, 2010; López-Morales & Ortega Ridaura, 2017). Based on this assumption, Prahalad (2004) proposes that companies should turn to markets in the BoP as both passive and active participants to make a profit and improve living conditions. From this logic, Prahalad (2004) popularized the BoP, which refers to the sociodemographic segment in the lower part of the global income. This segment represents business opportunities ignored by companies.

Starting from the notion of inclusive capitalism, the BoP approach argues that markets for the poor must be created in the simultaneous search for profit and social welfare (Ansari, Munir & Gregg, 2012). Companies seeking to do business in the BoP require purchasing power in this segment (Guesalaga & Marshall, 2008). Doing business in the BoP represents a huge opportunity for companies given its size. In fact, it is estimated that this market is made up of four billion people (Agnihotri, 2013). Although the BoP is large, it is a market with different needs (Rabino, 2015). This presents an opportunity to establish specific market segments and niches.

Businesses in the BoP are relevant because they improve living conditions while generating profits for companies. They also force companies to generate innovative products, marketing, and services according to the needs of the BOP population. In this sense, the BoP thesis represents the poor population as a dynamic participant in the global business world as both a consumer and entrepreneur. This presents opportunities for the business to increase its profitability. In addition, consumers can increase their quality of life through a narrow relationship with the company (Peredo, Montgomery & McLean, 2018).

Several studies have been published on the BoP. These studies have been addressed in regions of the world like Europe, Asia, and Latin America. Studies also include various approaches, including business (Cervilla & Puente, 2013; Quintero-Arango, 2015), social (Trevinyo-Rodriguez & Chamiec- Case, 2012; Wentzel, Diatha & Yadavalli, 2016), and innovation (Halme, Lindeman & Linna, 2012; Montoya- Bayardo, Cervantes- Zepeda & Lemus-Delgado, 2018). Although business in the BoP is a relatively recent topic (about 15 years) as compared to other topics, the literature on the subject is diverse and is in an early stage of development (Khalid, Seuring & Wagner, 2020). Therefore, this article aims to identify gaps in the business literature on the BoP and future areas of research.

This article lends two important contributions to the BoP literature. First, it identifies the BoP segments by country and/or region, providing businesses with a list of places that deserve more attention and research. Second, this literature highlights several gaps in the BoP business and other areas of business, management, and social issues.

This literature review is different from others for three reasons (Gebauer & Reynoso, 2013; Kolk, Rivera-Santos & Rufin, 2014; Reynoso, Valdes & Cabrera, 2015). First, its systematic approach means that the information obtained follows a more rigorous analysis process because it uses the methodology proposed by Gaur and Kumar (2018). Second, it includes a longer and more current time than other literature reviews. Dembek, Sivasubramaniam, and Chmielewski's (2019) review included articles published between 2002 and 2016. This review analyzed articles published in 2019. Third, this review identifies the regions where the research was carried out, which implies that it is possible to study regions with less literature and consider its specific characteristics (for example, the population of the BoP in the United States, Mexico, or India has different characteristics).

The article is structured in the following manner. The second section describes business in the BoP. The third section explains the methodology used to review the literature. The fourth section presents, interprets, and discusses the results of the review by describing its 67 articles and future research directions. The review's conclusions are presented in the last section.

Base of the pyramid (BoP)

The main paradigm of business is to market products and services designed in the high- and middle-income sectors (Mahajan & Banga, 2006). However, the low-income sector presents the largest number of consumers (Filardi, Delarrisa-Barros & Fischman, 2018). According to Prahalad (2004), the BoP markets have three characteristics. First, the market has a lot of unexplored purchasing power that private companies can use to generate profits by selling to the poorest segment. Second, by selling to the poor, private companies can generate prosperity for the poor. This, in turn, can help alleviate poverty. Third, large multinationals play an important role in the process of selling to the poor. These characteristics provide a valuable opportunity to develop beneficial business activities for both companies and customers while improving the living conditions of the neediest people.

Specifically, the BoP market consists of four billion people earning an income of less than US \$2 per day (Prahalad, 2004). This market has diverse segments and different cultures, decision-making processes, likes, and needs (Prahalad, 2012). A central idea of the BoP is that poverty can be reduced with the logic of profit that companies follow in the capitalist system (Munir, Gregg & Ansari, 2012). This means that poverty alleviation can be carried out through financially profitable activities (Agnihotri, 2013; Gordon, 2008; Kolk, Rivera-Santos & Rufin, 2014). For example, Mexico's "Farmacia

Similares” is a business model that is integrated as a small clinic and pharmacy. Its patients visit the doctor and receive medication for a small fee. The patient goes to the pharmacy (located on the side of the business) and purchases the medicines indicated by the doctor (Montoya-Bayardo, Cervantes- Zepeda & Lemus-Delgado, 2018). Another example is “Allianz Micro-Finance India,” a company with a business model that offers insurance services that are affordable for the BoP population, specifically, coverage in medical services and natural disasters (Schrader, Freimann & Seuring, 2012). Both examples depict the benefit for clients and companies. It shows that both groups benefit because the company makes money, and the client improves their quality of life.

According to Gordon (2008), the markets in the BoP have three essential characteristics. First, the population grows faster in these markets than other markets. Second, the wealth in these markets is very large given the size of the population. Third, the accelerated economic growth of the countries with a higher population in the BoP is mainly in Asia. Companies must be aware of these particularities when seeking opportunities for innovation and new business.

It is important to mention that the original idea of the BoP emphasizes the role of multinationals in the BoP market (Peredo, Montgomery & McLean, 2018). The above relates to markets in the BoP, with activities related to social responsibility (Casanova & Dumas, 2010). In addition, this idea emphasizes the role that multinationals play in the BoP because they are organizations that, through their activities, can attack poverty broadly and deeply while generating profitable activities.

The literature identifies several BoP business models. Agneli and Jaiswal (2016) identify a business model for healthcare in the BoP. Cervilla (2013) explores entrepreneurial business models in the BoP, noting that the areas of internal processes and capacities are poorly defined. Fawcett and Waller (2015) study the most urgent needs of low-income Arkansas communities in the U.S. They found that income in these communities has increased as poverty decreased.

Most of the BoP markets are in Sub-Saharan, Southeast Asian, and Latin American countries (Chickweche & Fletcher, 2012). However, studies were identified outside these regions, including the U.S. and Europe (Falconbridge, 2013; Gerbauer, 2018). This suggests that the BoP still exists in countries where poverty is not as significant. Therefore, companies have business and profit maximization opportunities in these areas.

Nonetheless, the BoP approach has been criticized in the academic literature. Some critics assert that the marketing of social welfare will bring profitability and prosperity due to the fact that firms create superficial needs (Ansari, Munir & Gregg, 2012). Some authors point out that the BoP approach is a mirage that creates more damage than benefits for the BoP population (Karnanai, 2007). One critic believes that the BoP approach stresses the aspirational buying behavior of the poorest population (Gupta & Srivastav, 2016). Another negative judgement about the BoP approach is that the original categorization by Prahalad (2004) regarding the BoP population has changed. For example, in developed countries, the BoP population does not live on US \$2 per day.

In the literature, the concept of the BoP has evolved. Some authors have referred to “BoP 1.0” as the original construct by Prahalad (2004). This included selling to the poorest population. The term later changed to “BoP 2.0.” This concept relied on selling to the poorest people, as well as the accumulation of skills and capabilities of the BoP population in the operations of companies (Gardetti, 2005). The most recent approach, “BoP 3.0,” is a construct that refers to the BoP approach as the backbone strategy of a company. It is viewed as an ecosystem of innovation and sustainable development (Cañeque & Hart, 2015).

Methodology

To achieve the objective of this article, a systematic literature review was conducted on the studies related to business in the BoP. The aim of a systematic literature review is to identify empirical findings of a certain topic (Battisti, Miglietta Salvi & Creta, 2019; Snyder, 2019; Durach, Kembro & Wieland, 2017; Tranfield, Denyer & Smart, 2003). The systematic literature review is neither a meta-analysis nor an in-depth literature review. Instead, its main feature is supported under three pillars (Handengue, de Marcellis-Warrin & Warin, 2015). First, it is systematic and organized according to the methodology applied. Second, it is clear, replicable, and updated. Finally, it is synthetic because it combines evidence that responds to the questions that gave rise to the literature review.

Some relevant matters for a systematic literature review are the transparency and reliability (Rehman, Sadiq- Jajja, Khalid & Seuring, 2020), these elements increase the quality of the literature review. In order to reach these, it is important to mention its stages in a described and specific way. This literature review was divided into four stages based on Gaur and Kumar (2018): (1) data collection; (2) coding; (3) analysis; and (4) interpretation. To ensure the quality of information, the study used six components of literature review (see Table 1) proposed by Callahan (2014).

First, the study carried out data collection. Articles related to the theme of the review were identified using keywords like base of the pyramid, bottom of the pyramid, and BoP. Using Google Scholar, a total of 383 documents were identified with these keywords, this database was used due to the inaccessibility to other databases. The final sample was selected in accordance with three criteria. First, the study chose academic articles because they go through a peer-review process. In addition, the academic articles present current and specific studies on the topic. Therefore, technical notes, book chapters, and papers presented in congress were dismissed. Second, articles selected for this literature review included those related to business. The third criterion required that the articles permit full access.

Data coding was the second stage in the research study. The data coding was made qualitative. The articles were incorporated into a database Word file, which was integrated in a table with columns labeled by the following codes:

1. **Objective of the Article:** This code identified the focus of the article and its research area.
2. **Method:** This code discussed the way that the information was obtained. It was relevant to understanding the focus of the research as conceptual, qualitative, and/or quantitative.
3. **Country/Region:** Studies about the BoP are traditionally carried out in Asian countries. The study used this code to realize breakthroughs in different regions, as well as determine particularities about the BoP.
4. **Results:** This code is important because it is the starting point to identify trends, outcomes, and gaps in the literature. It also identifies areas in need of future research on the BoP.

This database was useful because it managed the information of articles and identified trends and gaps in the literature. Data coding was made qualitatively and specifically with five categories. These categories were selected to analyze the articles and their links with the existing literature, as well as to obtain particular aspects of the BoP. This coding process allowed the researchers to organize the articles in a structure that improved the analysis of the 67 articles in this review.

The third stage is data analysis. The search for relevant literature resulted in the review of 67 articles from 57 journals related to the topic of this study. This stage required taking notes, synthesizing some elements of the data coding (second stage) by expanding arguments, and comparing similarities and differences to develop reasoning that adds to the interpretation of the results and conclusions.

A table was prepared to organize the information by year (see Table 2). Another table was created to elaborate on the journal information. This included a breakdown of the percentage of articles that were obtained from each article (see Table 3). To achieve a better systematization of the review, the categories of data coding of the articles were identified as: (1) objective; (2) method; (3) country or region of the study; and (4) re-

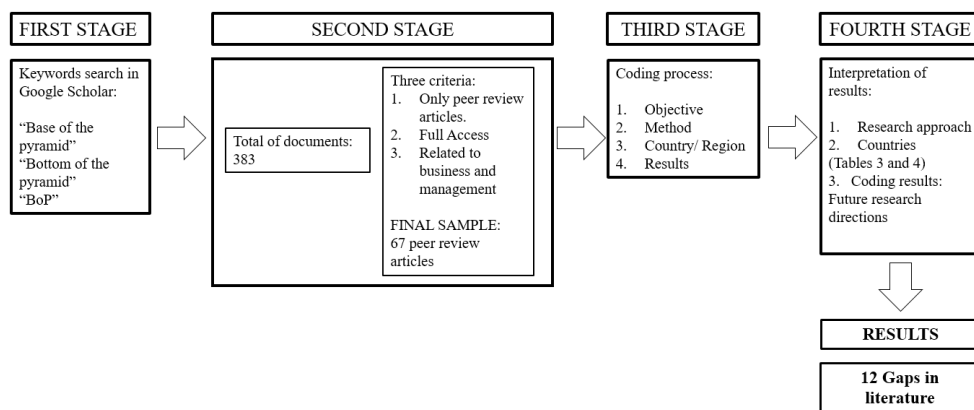


FIGURE 1. Research process of systematic literature review

sults of the study. Its purpose was to extract more knowledge and information to obtain stronger results for the review.

The last stage is the interpretation of results. The articles were classified according to the research approach through which they were presented (see Table 4). Finally, the countries where the analyzed articles were obtained were extracted within the articles (see Table 5). Only those that clearly listed the name of the country where the study was conducted were considered. Besides the conceptual articles, it took into account the assignment of the first author to assign a country of origin. It is important to mention that the future directions of research were identified using the coding “results.”

To test the used methodology and ensure the quality of the information, the study used the “six components of literature review” (Callahan, 2014). This includes the following specific questions (see Table 1): Who conducted the research?, When was the search conducted?, Where did we search?, How did we find the articles include?, What did we find? and Why did we choose to include (or not include) certain articles?

TABLE 1. Components of the systematic literature review and its related answers

Question	Answer
Who conducted the research?	This literature review was conducted and planned by the authors of this paper. Table 2 shows the authors’ review process.
When was the search conducted?	The search was conducted in 2019. It included articles from 2005 to 2019. This period was selected due to the topic of the base of the pyramid, which emerged with the 2004 publication of the book, <i>The Fortune at the Bottom of the Pyramid: Eradicating Poverty Through Profits</i> (Prahalada, 2004), and the last complete year was 2019.
Where did we search?	The search was conducted through Google Scholar.
How did we find the articles to include?	The search terms included “bottom of the pyramid,” “base of the pyramid,” and “BoP.”
What did we find?	There were 67 articles related to the base of the pyramid.
Why did we choose to include (or not include) certain articles?	We included academic articles because they were peer reviewed and high quality. We did not include book chapters or books.

Source: Adapted from Callahan (2014).

Table 1 shows the results of the application of six words proposed by Callahan (2014). This helps determine the congruence of our literature review. It is important to mention that Callahan’s proposal supports the methodology used for the literature review (Gaur & Kumar, 2018). These components have been applied in similar studies (Caputo, Marzi, Maley & Silic, 2018; Jeong, Han, Lee, Sunalai & Yoon).

Results

In this section, the main results of the literature review are developed. The results will be presented from two perspectives. The first refers to the description of the published articles and the journals where they were published. The second, which is an analytical perspective, discusses the results of the 67 articles. Future areas of research on business in the BoP will then be proposed.

Description of the Articles

Descriptions of the articles in the review are included in this study. For a better analysis, the information was segmented into four parts. First, we present the citations of the 67 articles selected for the literature review (see Table 2). Second, we present the journals where they were published (see Table 3). Subsequently, we show the types of articles classified according to their research approach: qualitative, quantitative, mixed, and conceptual (see Table 4). Finally, in Table 5, we divide the information by country and continent related to the study. In the case of the conceptual articles, we consider the location of the first author.

TABLE 2. **Articles in the systematic literature review**

Year	Citation
2019	Hasan, Liu, Kitchen & Rahman, 2019; Onsongo, 2019; Vasallo, Prabhu, Banerjee & Voola, 2019
2018	Agarwal, Chakrabarti, Brem & Bocken, 2018; Lashites, Bals & Van Tulder, 2018; Schaefers, Moser & Narayanamurthy, 2018; Angeli, Ishwardat, Jaiswal & Capaldo, 2018; Filardi, Delarriba- Barros & Fischman, 2018; Lehtikoinen, Lundh, Meert, Waeingie, Bentsen & Norbye, 2018; Montoya-Bayardo, Cervantes- Zepeda & Lemus-Delgado, 2018; Randrianasolo, 2018; Sharma & Kumar- Faiswal, 2018
2017	Gebauer, Haldimann & Salu, 2017; Ausrød, 2017; Bendul, Rosca & Pivovarova, 2017; De Angoitia & Ramírez, 2017; Hasan, Lowe & Rahman, 2017; Meira-Oliveira & Carvalho-Machado, 2017; Otero-Gómez & Giraldo-Pérez, 2017; Palomares-Aguirre, Barnett, Layrisse & Husted, 2017
2016	Angeli & Kumar-Jaiswal, 2016; Brix- Asala, Hahn & Seuring, 2016; Contreras-Velásquez, Wilches-Durán, Delgado-Rangel & Cerda-Carrasco, 2016; Dey, Pandit, Saren, Bhowmick & Woodruffe- Burton, 2016; Halme, Kourula, Lindeman, Kallio, Lima- Toivannen & Korsunova, 2016; Gupta & Srivastav, 2016; Khare & Varman, 2016; Montavo- Corzo, 2016; Tasavori, Ghauri & Zaefarian, 2016; Wentzel, Sundar-Diatha & Yadavalli, 2016
2015	Fawcett & Waller, 2015; Jebarajakirthy, Thaichon & Yoganathan, 2015; Quintero-Arango, 2015; Rahman, Amran, Ahmad & Taghizadeh, 2015; Tasavori, Zaefarian & Ghauri, 2014
2014	Acheampong & Esposito, 2014; Desa & Koch, 2014; Goyal, Sergi & Kapoor, 2014; Sutter, Kistruck & Morris, 2014

Year	Citation
2013	Cervilla & Puente, 2013; Jun, Lee & Park, 2013; Dey, Binsardi, Prendergast & Saren, 2013; Petrescu & Bhatli, 2013; Yurdakul, Atik & Dholakia, 2013
2012	Ansari, Munir & Gregg, 2012; Arnold & Valentín, 2012; Dolan, Johnstone-Louis & Scott, 2012; Ilahiane & Sherry, 2012; Esposito, Kapoor & Goyal, 2012; Majumder, 2012; Martin & Hill, 2012; Schrader, Freimann & Seuring, 2012; Schuster & Holtbrugge, 2012; Sesan, Raman, Clifford & Forbes, 2012; Tarafdar, Anekal & Singh, 2012; Trevinyo- Rodriguez & Chamiec-Case, 2012
2010	Barky & Parente, 2010; Chickweche & Fletcher, 2010; London, Anupindi & Sheth, 2010; Tashman & Marano, 2010; Zainudeen, Iqbal & Samarajiva, 2010
2009	Acosta, Kim, Melzer, Mendoza & Thelen, 2009; Ickis, Leguizamón, Metzger & Flores, 2009
2008	Guesalaga & Marshall, 2008; Jaiswal, 2008; Mutis & Ricard, 2008
2005	Karnani, 2005

Table 2 shows the articles selected for the literature review. Most of the articles (44 of 67) were published between 2013 and 2019, which shows a growth in researchers' interest of business in the BoP. Between 2014 and 2019, articles were identified in every year. In contrast, no articles were found in 2006, 2007, and 2011.

TABLE 3. Journals with articles about business in the BoP

Name of Journal	No. of articles	% of articles
1. Journal of Entrepreneurship and Small Business	1	1.49%
2. Economic Management	1	1.49%
3. Sustainability	1	1.49%
4. Organization & Environment	1	1.49%
5. Journal of Management Studies	1	1.49%
6. Journal of Business Research	3	4.47%
7. Journal of Strategic Marketing	2	2.98%
8. Journal of Cleaner Production	2	2.98%
9. Revista de Ciencias Sociales (RCS)	1	1.49%
10. Qualitative Market Research: An International Journal	2	1.49%
11. Revista Venezolana de Gerencia	1	1.49%
12. Information Technologies and International Development	2	2.98%
13. Journal of Social Entrepreneurship	1	1.49%
14. International Marketing Review	2	2.98%
15. Gender & Development	1	1.49%
16. Corporate Governance	1	1.49%
17. Journal of Business Logistics	1	1.49%

Name of Journal	No. of articles	% of articles
18. RAUPS Management Journal	1	1.49%
19. Industry and Innovation	2	2.98%
20. Journal of Consumer Marketing	1	1.49%
21. Economics & Sociology	1	1.49%
22. Journal of International Consumer Marketing	1	1.49%
23. Academia. Revista Latinoamericana de Administración	1	1.49%
24. Innovations Technology Governance Globalization	1	1.49%
25. Industrial Management & Data Systems	1	1.49%
26. Greener Management International	2	2.98%
27. Journal of Marketing Management	1	1.49%
28. International Journal of Business and Economic Sciences Applied Research	1	1.49%
29. Journal of Management & Public Policy	1	1.49%
30. Journal of Consumer Research	1	1.49%
31. Brazilian Business Review	1	1.49%
32. Intersticios Sociales	1	1.49%
33. Universia Business Review	1	1.49%
34. Económicas CUC	1	1.49%
35. Journal of Management Research	1	1.49%
36. Revistas Ciencias Estratégicas	1	1.49%
37. Management Decisions	1	1.49%
38. Journal of International Consumer Marketing	1	1.49%
39. World Development	1	1.49%
40. Business Strategy and the Environment	1	1.49%
41. International Business Review	1	1.49%
42. Entrepreneurship & Regional Development	1	1.49%
43. Journal of Business Ethics	2	2.98%
44. Journal of Small Business & Entrepreneurship	1	1.49%
45. Marketing Theory	1	1.49%
46. News Media and Society	1	1.49%
47. Information Technology for Development	1	1.49%
48. Development Southern Africa	1	1.49%
49. Journal of Service Research	1	1.49%
50. European Management Journal	1	1.49%
51. Journal of Retailing and Consumer Services	1	1.49%
52. Corporate Social Responsibility and Environmental Management	1	1.49%

Name of Journal	No. of articles	% of articles
53. Briefings in Entrepreneurial Finance	1	1.49%
54. e-Gnosis	1	1.49%
55. Journal of Bussiness Ethics	1	1.49%
56. Strategic Entrepreneurship Journal	1	1.49%
57. Journal of Product Innovation Management	1	1.49%
Total	67	100%

Table 3 lists the journals where articles in this review were published. This allows us to see which journals have published the most on the subject. The information helps researchers, managers, or other interested parties know where to find scientific literature on business in the BoP. For example, 8 journals out of 57 published two articles (2.98% each). This indicates an amplitude of information on business in the BoP. In other words, the BoP is a topic that can cover various areas of management (i.e., marketing, management, international business, entrepreneurship, development, ethics, economics, etc.). Therefore, a multidisciplinary approach is necessary to study the BoP.

TABLE 4. Type of articles

Type of articles	No. of articles	% of articles
Qualitative	47	71.64 %
Quantitative	9	13.43%
Conceptual	6	8.95 %
Mixed-Method	5	7.46 %
Total	67	100%

Table 4 shows that most of the articles (47) use a qualitative approach. This is followed by quantitative (9) and conceptual (6) approaches. There are four mixed-method studies. Addressing a phenomenon qualitatively provides a description of its depth, richness, and complexity (Arino, LeBaron & Miliken, 2016). However, to develop more evidence about the behavior of the phenomenon, it is vital not to be pigeonholed in a single approach. Regarding the conceptual approach, businesses in the BoP is a recent issue. There are still many areas of theoretical development. The four approaches have characteristics that complement each other. Therefore, they should be used in collaboration to develop high-level studies.

The context of the studies is also important because researchers in the BoP may have difficulty accessing the field due to the nature of the markets. This affects how researchers choose to approach the study (e.g., a survey can be presented to obtain quantitative data, but the respondents may be reluctant to answer).

TABLE 5. Segmentation by geographical location

Continent	
Africa	No. of studies by country
Cameroon	1
Egypt	1
Ethiopia	1
Ghana	2
Kenya	1
South Africa	1
Tanzania	1
Total	8
North and South America	
Bolivia	1
Brazil	5
Colombia	3
Costa Rica	1
United States	5
Guatemala	2
Haiti	2
Mexico	6
Peru	1
Venezuela	1
Nicaragua	1
Total	28
Asia	
Afghanistan	1
Bangladesh	7
Cambodia	1
South Korea	2
Philippines	2
India	21
Indonesia	1
Nepal	1
Pakistan	1
Thailand	1
Vietnam	3
China	1
Total	42
Europe	
Germany	1
Belgium	1
Spain	1
France	1
England	1
Norway	2
Romania	1
Sweden	1
Switzerland	1
Turkey	1
Russia	1
Total	12

Table 5 shows the segmentation of studies by country, as well as the number of studies conducted in each country. It is important to mention that in this Table are included only the countries where the studies were carried out, for example, it is possible that several countries, not only one, are included in an article; for this reason the total of countries is different to the total of articles. Most studies were conducted in India (21). This is followed by Mexico (6). India is an important laboratory for analyzing businesses in the BoP. This may be due to the influence of Prahalad (who was of Indian origin) in the business schools of India.

In addition, the economic, social, and political characteristics of India meet the particularities of the BoP markets, which provides a natural laboratory for their study. Also, a huge Indian population living under poverty is another reason for more studies compared with other countries or regions. (Chaturvedi & Saboo, 2019). The results also indicate that Africa is the least studied area even though it has one of the highest poverty rates, for example, Angola 35.9%, Malawi 52.4% and Lesotho 60.5% (Bekun & Akadiri, 2019). Perhaps the conditions of infrastructure, poverty, and politics have prevented researchers from accessing information about African countries.

The results indicate that in the developed world, the BoP businesses have also been studied (mainly U.S. and some European countries). This indicates that the markets in the BoP are not only located in countries where income is medium and low. Studying business in the BoP in these countries can yield important findings for a better understanding of these markets.

Future Research Directions

After the analysis of the 67 articles in this article, it is possible to identify the topics that have not been addressed in the BoP literature. First, it is important to be able to conduct studies in emerging markets other than India (for example, Latin America). These should focus on identifying the characteristics of the markets in the BoP to compare them with other regions of the world. In doing so, we can verify whether these markets behave in the same way. The results will give a greater vision about the public policies and business operations necessary to improve the quality of life for people belonging to the BoP.

Second, because most of the studies on business in the BoP have been carried out in emerging markets (mainly India and Bangladesh), an important area to explore is the analysis of business in the BoP in developed markets, specifically in Europe and the U.S. The highest living standards of the population are found in these regions. Therefore, understanding how the BoP businesses work in these markets can provide insight to emerging countries for improving their citizens' quality of life.

Third, an important stream of articles focused on marketing issues (Contreras-Velásquez, Wilches-Durán, Delgado-Rangel & Cerda-Carrasco, 2016; Gupta & Srivastav, 2016; Otero-Gómez & Giraldo-Pérez, 2017; Filardi, Delarrisa-Barros & Fis-

chman, 2018; Lehtikoinen, Lundh, Meert, Waeingie, Bentsen & Norbye, 2018). The results of these articles focus on analyzing the behavior of consumers in the BoP markets. Therefore, it is important to deepen issues that address the marketing mix in the BoP markets as a whole or for each specific variable (Price, Product, Place, and Promotion).

Fourth, infrastructure plays a vital role in population development and business (Mohmand, Wang & Saeed, 2016). In this review, we did not find articles on the infrastructure of the BoP business. It is important to investigate specific issues about the infrastructure of the BoP markets and businesses. Examples of these areas would be research into roads, airports, technological development, and seaports.

Fifth, interest in the importance of social responsibility in organizations has increased. In this review, only two studies addressed this issue (Jebarajakirthy Thaichon & Yoganathan, 2015; Brix-Asala, Hahn & Seuring, 2016; Tasavori, Ghauri & Zaefarian, 2016; Randianasolo, 2018). In both cases, they focused on marketing-related issues. Therefore, it is important to investigate the role of social responsibility in other areas of study like poverty, entrepreneurship, business strategies, and its impact on the communities or populations of the BoP.

Sixth, studies were identified that addressed the analysis of health services (Angeli, Ishwardat, Jaiswal & Capaldo, 2018; Angeli & Kumar-Jaiswal, 2016; Esposito, Kapoor & Goyal, 2012; Montoya-Bayardo, Cervantes-Zepeda & Lemus-Delgado, 2018). By their nature, they are important in the quality of life. In this context, it is necessary to conduct research with other sectors that directly affect the quality of life of the BoP sectors. These sectors are entertainment, food, and tourism.

Seventh, private companies can help reduce poverty (López-Morales & Ortega-Ridaura, 2017). This review identified one article with this objective (Rahman, Amran, Ahmad & Taghizadeh, 2015). The topic is relevant to understand the role played by private companies (small and medium enterprises and multinationals) in reducing poverty in the BoP markets.

Eighth, many companies have begun to view the BoP markets as a business alternative. It is important to understand the behavior and perception of brands in these markets. Specifically, companies may need to manage their brands, adapt their brands, or create new brands focused on the BoP customers.

Ninth, the state is traditionally responsible for fighting poverty in these countries (Finchelstein, 2017). However, this fight should not be done alone. Investigating how the state interacts with companies, specifically in the BoP business, needs attention in the literature. In this context, it is important to identify whether the state plays an active or passive role in this interaction, as well as how the results benefit the BoP population.

Tenth, in relation to the issues addressed in the articles, the following areas of management were identified in general terms: strategy, business models, and innovation. In this order of ideas, it is necessary to focus future studies in areas or topics both inside and outside of management.

Eleventh, the concept of the BoP has evolved (Gardetti, 2005; Cañeque & Hart, 2015). However, few articles study “BoP 2.0” and “BoP 3.0” or address the evolution of the concept. It is important to carry out empirical studies that show viability and application in the BoP construct. The concept of BoP requires us to go beyond the poorest population and view this subject as a business strategy that benefits sellers, buyers, and suppliers (Subhan & Khattak, 2016).

Twelfth, business at the BoP represents an important opportunity to improve the way of life for millions of people (Ansari, Munir & Gregg, 2012). Therefore, according to the critics of the BoP approach, it is necessary to do an in-depth study of several issues, including whether benefits are temporary or permanent, the influence in purchasing behaviors of the BoP populations, and whether companies increase their profitability by selling products and services to the BoP populations. It would be valuable to carry out empirical research that shows the viability and application of the strategies of business at BoP.

Conclusion

The main objective of this article is to identify pending research areas related to business in the BoP; also to answer the research question which pending topics are to be addressed in the business of the BoP. It was answered by identifying 12 gaps in the literature. These gaps posit research questions about pending topics in the business of the BoP.

This article has two main limitations. First, given the conditions in which the study was conducted, it was not possible to access other databases to increase the sample of articles. The second is a consequence of the first. The results and proposals of future research correspond to the universe of the 67 articles used in this review. Therefore, other areas of future research are not ruled out.

The general conclusion shows that the analyzed articles have significant diversity in their areas of study, approaches, and results regarding business and the BoP. The second conclusion is that a single, centralized context of business studies in the BoP can limit knowledge. For example, in Asia, 16 of 34 studies were found in India (see Table 4). To better understand these businesses, it is vital to explore geographical contexts like Latin America (24 countries) or Africa (4 countries).

The main contributions of this article are three-fold. First, literature reviews aim to present areas of study that have not been addressed in a specific subject. The gaps in the literature provide important routes to follow in future research to improve and deepen the knowledge of business in the BoP. The second contribution corresponds to the group of 67 articles reviewed, cited, and referenced in this text (see Table 1). These can be used for academics. In addition, those interested in the subject can have them readily available as quality references when conducting research. The third contribution is

linked to the increase of knowledge and literature on businesses in the BoP, specifically the methods and results obtained as presented in this article.

Also, this article has three theoretical contributions. First, the findings of this article are related to the way that the companies can alleviate the poverty in a country or region. Second, these gaps are important in order to understand how to reach the societal change that contributes to improving the quality of life in the population. Third, this research adds to the BoP literature providing a guide about which areas of the management literature can be addressed using the lens of BoP perspective, for example: marketing theory, multinationals, stateness and corporate social responsibility.

Finally, pending research areas must be approached from a multidisciplinary perspective given the nature of business in the BoP. Researchers should be aware that these businesses have similarities and differences as compared with other businesses. The above will improve the quality, relevance, and impact of research on this topic.

References

- Acheampong, G., & Esposito, M. (2014). The nature of entrepreneurship in bottom of the pyramid markets. *International Journal of Entrepreneurship and Small Business*, 21, 4, 433-455.
- Acosta, P., Kim, N., Melzer, I., & Thelen, N. (2009). Business and human development in the base of the pyramid: Exploring challenges and opportunities with market heat maps. *Economic Management*, 1, 35.
- Agarwal, N., Chakrabarti, R., Brem, A., & Bocken, N. (2018). Market driving at bottom of the pyramid (BoP): An analysis of social enterprises from the healthcare sector. *Journal of Business Research*, 86, 234–244.
- Agnihotri, A. (2013). Doing good and doing business and the bottom of the pyramid. *Business Horizons*, 56, 591- 599.
- Angeli, F., Ishwardat, S. T., Jaiswal, A. K. & Capaldo, A. (2018) . Socio- cultural sustainability of private healthcare providers in an Indian slum setting: A-bottom- of- the- pyramid- perspective. *Sustainability*, 10, 4702.
- Angeli, F., & Jaiswal, A. K. (2016). Business Model Innovation for Inclusive Health Care Delivery at the Bottom of the Pyramid. *Organization & Environment*, 29(4), 486–507.
- Ansari, S., Munir, K., & Gregg, T. (2012). Impact at the bottom of the pyramid: The role of social capital in capability development and community empowerment. *Journal of Management Studies*, 49(4), 813-842.
- Arino, A., LeBaron, C., & Miliken, F. (2016). Publishing qualitative research in Academy of Management Discoveries. *Academy of Management Discoveries*, 2(2), 109-113.
- Arnold, D. G., & Valentin, A. (2012). Corporate social responsibility at the base of pyramid. *Journal of Business Research*, 66(10), 1904- 1914.
- Ausrød, V. L., (2018). It takes two to tango: mobilizing strategic, ordinary, and weak resources at the base of the pyramid. *Journal of Strategic Marketing*, 26(8), 665-687,
- Barky, E., & Parente, J. (2006?). Consumer behavior of the base of the pyramid market in Brazil. *Greener Management International*, 56, 11-23.
- Battisti, E., Miglietta, N., Salvi, A., & Creta, F. (2019). Strategic approaches to value investing: a systematic literature review of international studies. *Review of International Business & Strategy*, (August). DOI 10.1108/RIBS-01-2019-0011
- Bekun, F. V., & Akadiri, S. S. (2019). Poverty and agricultural in Southern Africa revisited: A panel causality perspective. *SAGE Open*, 1-10. Doi: <https://doi.org/10.1177/2158244019828853>

Bendul, J. C., Rosca, E., & Pivovarov, D. (2017). Sustainable supply chain models for base of the pyramid. *Journal of Cleaner Production*, 162, 107-120.

Brix-Asala, C., Hahn, R., & Seuring, S. (2016). Reverse logistics and informal valorisation at the base of the pyramid: A case study on sustainability synergies and trade-offs. *European Management Journal*, 34, 414-423.

Callahan, J. L. (2014). Writing literature reviews: a reprise and update. *Human Resource Development Review*, 13, 271-275.

Cañeque, F. C., & Hart, S. (2015). *Base of the pyramid 3.0: sustainable development through innovation and entrepreneurship*. Sheffield: Greenleaf Publishing.

Casanova, L., & Dumas, A. (2010). Corporate social responsibility and Latin American multinationals: Is poverty a business issue? *Universia Business Review*, 134-145.

Cervilla, M. A., & Puente R. (2013). Modelos de negocio de emprendimientos por y para la base de la pirámide. *Revista de Ciencias Sociales (RCS)*, XIX, 289—308.

Chaturvedi, S., & Saboo, A. (2019). Challenges faced by the Indian demographic dividend: Unemployment, poverty and mental health. *International Journal of Advanced Research in Commerce, Management & Social Science*, 2(4), 1-10.

Chickweche, T., & Fletcher, R. (2012). Undertaking research at the bottom of the pyramid using qualitative methods. *Qualitative Market Research: An International Journal*, 15(3), 242-267.

Contreras-Velásquez, J. C., Wilches-Durán, S. Y., Delgado-Rangel, M., & Cerda-Carrasco, M. R. (2016). Mercado base de la pirámide urbano y rural en Norte de Santander, Colombia. *Revista Venezolana de Gerencia*, 21(76), 709-731.

De Angoita R., & Ramirez, R. (2009). Strategic Use of Mobile Telephony at the Bottom of the Pyramid: The Case of Mexico. *Information Technologies and International Development*, 5(3), 35-53.

Dembek, K., Sivasubramaniam, N., & Chmielewski, D. A. (2019). A systematic review of the bottom/ base of the pyramid literature: Cumulative evidence and future directions. *Journal of Business Ethics*. <https://doi.org/10.1007/s10551-019-04105-y>

Desa, G., & Koch, J. L. (2014). Scaling Social Impact: Building Sustainable Social Ventures at the Base-of-the-Pyramid. *Journal of Social Entrepreneurship*, 5(2), 146-174.

Dey, B. L., Pandit, A., Saren, M., Bhowmick, S., & Woodruffe-Burton, H. (2016). Co-creation of value at the bottom of the pyramid: Analysing Bangladeshi farmers' use of mobile telephony. *Journal of Retailing and Consumer Services*, 29, 40-48.

Dey, B. L., Binsardi, B., Prendergast, R., & Saren, M. (2013). A qualitative enquiry into the appropriation of mobile telephony at the bottom of the pyramid. *International Marketing Review*, 30(4), 297-322.

Dolan, C., Johnstone-Louis, M., & Scott, L. (2012). Shampoo, saris and SIM cards: seeking entrepreneurial futures at the bottom of the pyramid. *Gender & Development*, 20(1), 33-47.

Durach, C. F., Kembro, J., & Wieland, A. (2017). A new paradigm for systematic literature reviews in supply chain management. *Journal of Supply Chain Management*, 53(4), 67-85.

Espósito, M., Kapoor, A., & Goyal, S. (2012). Enabling healthcare services for the rural and semi-urban segments in India: When shared values meets the bottom of the pyramid. *Corporate Governance*, 12(4), 514-533.

Faulconbridge, J. R. (2013). Situated bottom of the pyramid markets and the multinational corporation. *Marketing Theory*, 13(3), 393-396.

Fawcett, S., & Waller, M. (2015). Designing the Supply Chain for Success at the Bottom of the Pyramid. *Journal of Business Logistics*, 36(3), 233-239.

Filardi, F., DelaRissa Barros, F., & Fischmann, A. (2018). Business strategies for the bottom of the pyramid: multiple case studies of large companies in the pacified communities of Rio de Janeiro. *RAUPS Management Journal*, 53, 63-73.

Finchelstein, D. (2017). The role of state in the internationalization of Latin America. *Journal of World Business*, 52(4), 578-590.

Gardetti, M. (2005). A base-of-the-pyramid approach in Argentina: Preliminary findings from a BoP learning lab. *Greener Management International*, 51, 65-77.

Gaur, A., & Kumar, M. (2018). A systematic approach to conducting review studies: An assessment of content analysis in 25 years of IB research. *Journal of World Business*, 53(2), 280-289.

Gebauer, H., Haldimann, M., & Saul, C.J. (2017) Business model innovations for overcoming barriers in the base-of-the-pyramid market. *Industry and Innovation*, 24(5), 543-568.

Gebauer, H., & Reynoso, J. (2013). An agenda for service research at the base of the pyramid. *Journal of Service Management*, 24(5), 482- 501.

Guesalaga, R., & Marshall, P. (2008). Purchasing power at the bottom of the pyramid: Differences across geographic regions and income tiers. *Journal of Consumer Marketing*, 25(7), 413-418.

Gordon, M. D. (2008). Management education and the base of the pyramid. *Journal of Management Education*, 32(6), 767- 781.

Goyal, S., Sergi, B., & Kapoor, A. (2014). Understanding the key characteristics of an embedded business model for the base of the pyramid markets. *Economics & Sociology*, 7(26), 40.

Gupta, S., & Srivastav, P. (2016) An exploratory investigation of aspirational consumption at the bottom of the pyramid. *Journal of International Consumer Marketing*, 28(1), 2-15.

Halme, M., Kourula, A., Lindeman, S., Kallio, G., Lima- Toivannen, M., & Korsunova, A. (2016). Sustainability innovation at the base of the pyramid through multi- sited rapid ethnography. *Corporate Social Responsibility and Environmental Management*, 21, 113-128.

Halme, M., Lindeman, S., & Linna, P. (2012). Innovation for inclusive business: Intrapreneurial bricolage in multinational corporations. *Journal of Management Studies*, 49(4), 743-782.

Handengue, M., de Marcellis- Warrin, N., & Warin, T. (2015). Reverse innovation: a systematic literature review. *International Journal of Emerging Markets*, 12(2), 142- 182.

Jeong, S., Han, S.J., Lee, J., Sunalai, S., & Yoon, S.W. (2018). Integrative Literature Review on Informal Learning: Antecedents, Conceptualizations, and Future Directions. *Human Resource Development Review*, 17(2), 128-152.

Karnanai, A. (2007). The mirage of marketing to the bottom of the pyramid: How the private sector can help alleviate the poverty. *California Management Review*, 49, 4.

Hasan, R., Liu, R., Kitchen, P. J., & Rahman, M. (2019). Explorer consumer mobile payment adoption in the bottom of the pyramid context: A qualitative study. *Briefings in Entrepreneurial Finance*, 28(5), 345-353.

Hasan, R., Lowe, B., & Rahman, M. (2017). Visual cues and innovation adoption among bottom of the pyramid consumers. *Qualitative Market Research*, 20(2), 147-157.

Ickis, J. C., Leguizamón, F. A., Metzger, M., & Flores, J. (2009). La agroindustria: campo fértil para los negocios inclusivos. *Academia. Revista latinoamericana de administración*, (43), 107-124.

Ilahiane, H., & Sherry, J. W. (2012). The problematics of the “bottom of the pyramid” approach to international development: The case of micro- entrepreneurs’ use of mobile phones in Morocco. *Information Technologies & International Development*, 8(1), 13- 26.

Jaiswal, A. (2008). The Fortune at the Bottom or the Middle of the Pyramid?. *Innovations Technology Governance Globalization*, 3(1), 85-100.

Jebarajakirthy, C., Thaichon, T., & Yoganathan, D. (2016) Enhancing corporate social responsibility through market orientation practices in bottom of pyramid markets: with special reference to micro-credit institutions. *Journal of Strategic Marketing*, 24(5), 398-417.

Jun, S., Lee, D., & Park, J. (2013). Determining business models in bottom-of-the-pyramid markets. *Industrial Management & Data Systems*, 113(7), 1064-1082.

Karnani, A. (2005). Misfortune at the Bottom of the Pyramid. *Greener Management International*, 51, 99- 110.

Khalid, R. U., Seuring, S., & Wagner, R. (2020). Evaluating supply chain constructs in the base of the pyramid environment. *Journal of Cleaner Production*, 270. Doi: <https://doi.org/10.1016/j.jclepro.2020.122415>

Khare, A., & Varman, R. (2016) Kafkaesque institutions at the base of the pyramid. *Journal of Marketing Management*, 32, 17-18, 1619-1646.

Kolk, A., M., Rivera- Santos, & Rufin, C. (2014). Reviewing a decade of research on the “Base/ Bottom of the pyramid” concept. *Business & Society*, 53(3), 338- 377.

Lashites, A. A., Bals, L., & Van Tulder, R. (2018). Inclusive business at the base of the pyramid: The role of the embeddedness for enabling social innovations. *Journal of Business Ethics*, DOI: 10.1007/s10551-018-3995-y

López-Morales, J. S., & Ortega-Ridaura, I. (2017). Internationalization, Corporate Social Responsibility and poverty alleviation: The case of FEMSA in Latin America. In S.Hipsher (Ed.), *Examining the private sector's role in wealth creation and poverty reduction*. IGI Global.

London, T., Anupindi, R., & Sheth, S. (2010). Creating mutual value: Lessons learned for ventures serving base of the pyramid producers. *Journal of Business Research*, 63, 582- 594.

Lehikoinen, L. E., Lundh, A., Meert, L., Waeingnie 4, K., Bentsen, N., & Norbye, I. E. (2018). Innovation and creativity at the bottom of the pyramid. *International Journal of Business and Economic Sciences Applied Research*, 11, 13-25,

Mahajan, V., & Banga, K. (2006). *The 86 Percent Solution: How to Succeed in the Biggest Market Opportunity of the 21st Century*. Upper Saddle River, NJ: Pearson Education.

Majumder, M. (2012). A Critical Approach in Understanding Bottom of the Pyramid Propositions. *Journal of Management & Public Policy*, 3(2), 18-25.

Martin, K., & Hill, R. (2012). Life Satisfaction, Self-Determination, and Consumption Adequacy at the Bottom of the Pyramid. *Journal of Consumer Research*, 38, 15.

Meira- Oliveira, G., & Carvalho- Machado, A. G. (2017). Dynamic innovation in services for consumers at the bottom of the pyramid. *Brazilian Business Review*, 14(6), 609- 623.

Mohmand, Y. Y., Wang, A., & Saeed, A. (2016). The impact of transportation infrastructure on economic growth: Empirical evidence from Pakistan. *Transportation Letters*, 9(2), 63- 69.

Montalvo- Corzo, R. F. (2016). What to do with my credit? Debt consumption Vs. Debt- investment evidence from the bottom of the pyramid. *e-Gnosis*, 14(3), 1-9.

Montoya- Bayardo, M.A., Cervantes- Zepeda, M., & Lemus- Delgado, M. (2018). De la innovación frugal a la innovación inversa: el caso del modelo farmacia- doctor en el sector salud en México. *Intersticios Sociales*, 15(19), 117- 140.

Mutis, J., & Ricart, J. E. (2008). Innovación en modelos de negocio: La Base de la Pirámide como campo de experimentación. *Universia Business Review*, 18, 10- 27.

Onsongo, E. (2019) Institutional entrepreneurship and social innovation at the base of the pyramid: The case of M-Pesa in Kenya, *Industry and Innovation*, 26(4), 369-390, DOI: 10.1080/13662716.2017.1409104

Otero, M., & Giraldo, W. (2017). Consumo de productos infantiles en la base de la pirámide poblacional: análisis de los mecanismos influyentes. *Económicas CUC*, 38(1), 165-184.

Palomares, I., Layrisse, F., Barnett, M. L., & Husted, B. W. (2018). Built to scale? How sustainable business models can better serve the base of the pyramid. *Journal of Cleaner Production*, 172, 4506-4513.

Peredo, A., Montgomery, M., & McLean, N. (2018). The BoP business paradigm: what it promotes and what it conceals. *Oxford Development Studies*, 46(3), 411- 429.

Petrescu, M., & Bhatli, D. (2013). Consumer Behavior in Flea Markets and Marketing to the Bottom of the Pyramid. *Journal of Management Research*, 13, 55-63.

Prahalad, C. K. (2012). Bottom of the pyramid as a source of breakthrough innovations. *The Journal of Product Innovation Management*, 29(1), 6-12.

Prahalad, C. K. (2010). *The fortune at the bottom of the pyramid: Eradicating poverty through profits* (4th ed.). Upper Saddle River, NJ: Wharton School Publishing.

Prahalad, C. K. (2004). *The fortune at the bottom of the pyramid: Eradicating poverty through profits*. New Jersey: Wharton School Publishing.

Rehman, A., Sadiq- Jajja, M. S., Khalid, R. U., & Seuring, S. (2020). The impact institutional voids on risk and performance in base-of-the- pyramid supply chains. *The International Journal of Logistics Management*, 31(4). Doi: 10.1108/IJLM-03-2020-0143

Quintero- Arango, L. A. (2015). El sector retail, los puntos de venta y el comportamiento de compra de los consumidores en la base de la pirámide en la comuna 10 de la ciudad de Medellín. *Revista Ciencias Estratégicas*, 23(33), 109-118.

Reynoso, J., Valdes, A., & Cabrera, K. (2015). Breaking new ground: base of pyramid service research. *The Services Industries Journal*, 35(13), 695- 709.

Rabino, A. (2015). The bottom of the pyramid: An integrative approach. *International Journal of Emerging Markets*, 10(1), 2-15.

Rahman, S. A., Amran, A., Ahmad, N. H., & Taghizadeh, S. K. (2015). Supporting entrepreneurial business success at the base of the pyramid through entrepreneurial competences. *Management Decisions*, 53(6), 1203-1223.

Rajagopal, R. (2009). Branding paradigm for the bottom of the pyramid markets. *Measuring Business Excellence*, 13(4), 58-68.

Randrianasolo, A. A. (2018). Organizational Legitimacy, Corporate Social Responsibility, and Bottom of the Pyramid Consumers. *Journal of International Consumer Marketing*, 30(3), 206-218.

Schrader, C., Freimann, J., & Seuring, S. (2012). Business Strategy at the Base of the Pyramid. *Business Strategy and the Environment*, 21, 281–298.

Schaefers, T., Moser, R., & Narayanamurthy, G. (2018). Access- based services for the base of the pyramid. *Journal of Service Research*, 21(4), 421- 437.

Schuster, T., & Holtbrügge, D. (2012). Market entry of multinational companies in markets at the bottom of the pyramid: A learning perspective. *International Business Review*, 21, 817-830.

Sesan, T. (2012). Corporate-Led Sustainable Development and Energy Poverty Alleviation at the Bottom of the Pyramid: The Case of the Clean Cook in Nigeria. *World Development*, 45, 137–146.

Sharma, G., & Kumar- Jaiswal, A. K. (2018). Unsustainability of sustainability: Cognitive frames and tensions in bottom of the pyramid projects. *Journal of Business Ethics*, 148, 291–307.

Snyder, H. (2019). Literature review as a research methodology: An overview and guidelines. *Journal of Business Research*, 104, 333-339.

Subhan, F., & Khattak, A. (2016). What Constitutes the Bottom of the Pyramid (BOP) Market? In *Institute of Business Administration International Conference on Marketing (IBA-ICM)*. Kuala Lumpur, Malaysia.

Sutter, C. J., Kistruck, G. M., & Morris, S. M. (2014). Adaptations to knowledge templates in base of the pyramid markets: The role of social interaction. *Strategic Entrepreneurship Journal*, 8(4), 303–320.

Tarafdar, M., Anekal, P., & Singh, R. (2012) Market development at the bottom of the pyramid: Examining the role of information and communication technologies. *Information Technology for Development*, 18(4), 311-331.

Tasavori, M., Ghauri, P., & Zaefarian, R. (2016). Entering the base of the pyramid market in India: A corporate social entrepreneurship perspective. *International Marketing Review*, 33(4), 555–579.

Tasavori, M., Zaefarian, R., & Ghauri, P. N. (2015). The creation view of opportunities at the base of the pyramid. *Entrepreneurship & Regional Development*, 27(1-2), 106-126.

Tashman, P., & Marano, V. (2010). Dynamic capabilities and base of the pyramid business strategies. *Journal of Business Ethics*, 89, 495- 514.

Tranfield, D., Denyer, D., & Smart, P. (2003). Towards a methodology for evidence- informed management knowledge by means of systematic review. *British Journal of Management*, 14, 207- 222.

Treviño-Rodríguez, R. N., & Chamiec-Case, L. (2012). Pursuing financial Inclusion of family firms at the base of the pyramid (BoP): The case of convenience stores and microenterprises in Nuevo León, Mexico. *Journal of Small Business & Entrepreneurship*, 25(2), 231-248.

Vasallo, J. P., Prabhu, J. C., Banerjee, S., & Voola, R. (2019). The role of hybrid organizations in scaling social innovations in bottom-of-the-pyramid markets: Insights from microfinance in India. *Journal of Product Innovation Management*, 36(6), 744–763.

Wentzel, J. P., Diatha, K. S., & Yadavalli, V. S. S. (2016). An investigation into factors impacting financial exclusion at the bottom of the pyramid in South Africa. *Development Southern Africa*, 33(2), 203-214.

Yurdakul, D., Atik, D., & Dholakia, N. (2013). Redefining the bottom of the pyramid from a marketing perspective. *Marketing Theory*, 17(3), 289–303.

Zainudeen, A., Iqbal, T., & Samarajiva, R. (2010). Who’s got the pone? Gender and the use of the telephone at the bottom of the pyramid. *News Media and Society*, 12(4), 549-566.