The Roles and Existence of Fisherwoman in Indonesian Women's Development

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Abstract--This study discusses the recognition of the entities and capabilities of fisherwoman in Bonang Subdistrict, Demak Regency, Central Java, Indonesia. In general, this study examines the impact of the presence of fisherwoman on women's development specifically and human development in Indonesia. Paradigmatically, this study relies on the Sotirios Sarantakos category called the critical paradigm with sociolegal or non-doctrinal research. The findings of this study state that fisherwoman have important roles and contributions both in the production and non-production cycles of fisheries and development. However, the role and contribution of fisherwoman in fisheries and national development are not recognized and have not been accommodated in local and national policies. Neglecting the role and contribution of fisherwoman means keeping women away from control and access to development programs.

Key words--roles, existence, fisherwomen, women development

I. INTRODUCTION

Indonesia is an archipelagic state that has the potential of marine resources to be taken into account in the world, with 17,508 islands (large and small), having a coastline of 95,181 km with a sea area of 5.8 million km Indonesia is in a very strategic location, which is located in the equator and between two oceans: the Indian Ocean and the Pacific Ocean. Considering the strategic position, it is not surprising that Indonesia has the highest marine biodiversity in the world.

The vast area of the sea owned by Indonesia and the potential of the resources contained in it shows the widely-opening of employment opportunities in this sector, namely fishermen as livelihoods. Fishermen as livelihoods in Indonesia are not extraneous, but there is one fact that is often overlooked when talking about fishermen: fisher women.

Fisher women have important roles and contributions, unfortunately, the role and contribution of fisherwomen in the fisheries sector is often not recognized because patriarchal communities assume that fishermen are "for Men" and fishing is an activity that only men do. Fishermen are more often regarded as having male entities, so fisher women as individuals who live in a patriarchal culture are often regarded as autonomous individuals.

This study seeks to show that the existence and role of fisher women in development in Indonesia is real so that the recognition of the identity of fishing women is very important to improve the conditions of fisher women.

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II. LITERATURE REVIEW

The development of a country, basically, aims to improve welfare or improve the quality of life of its

people, both men and women, although in each development process has a variety of approaches. This welfare

improvement is certainly not only in one aspect of development, but also equally in all joints, both

economically, politically, legally, socially, culturally, and security.

However, the achievements of development aimed at all people are no exception for men and women.

In fact, they often cannot be enjoyed evenly, which means development has not provided equitable benefits to

women and men. Development which was originally assumed to be of overall benefit to both men and women,

in fact contributed to the emergence of inequality and gender disparity.

Theoretically, gender equality is a similar condition between men and women in achieving basic rights

within the family, society, state and international world; while gender justice is a process that guarantees a

balance between men and women in gaining access, opportunity, participation, control and decision-making and

benefits of development. Gender equality means that all people of all ages and genders must have the same

opportunity to succeed in life. This means that all humans must have access and control over equal resources

and benefits, in other words, so that everyone can benefit and participate in development.

The World Bank report shows that a country's development policies cannot be separated from the issue

of gender equality. Gender equality in development policy is a significant indicator, because gender equality

will strengthen the ability of countries to develop, reduce poverty and govern effectively. The higher gender

appreciation in the development planning process, the greater the efforts of a country to reduce poverty, and

conversely the low appreciation of the gender dimension in development will increase poverty. In that context

promoting gender equality is an important aspect of development strategies in an effort to empower people, both

men and women to improve their lives and their welfare and get out of the poverty chain which is a fundamental

problem for the development of a country.

III. METHODOLOGY

This research is a socio-legal research or non-doctrinal research, as stated by Reza Banakar and Max

Travers that socio-legal research is a "social scientific studies of law", more, Wheeler and Thomas stated, as "an

interface with a context which law exist."

This study uses a feminist perspective research approach where women's experience from a women's

perspective is an important basis for analysis. The location of the study was conducted in 2 (two) villages,

namely Morodemak Village and Purworejo Village, Bonang District, Demak Regency, Central Java. The

sampling stage was done non-randomly, specifically purposive (purposive sampling). The data collection is

done by interview, observation, Focus Group Discussion (FGD) and literature study.

IV. RESULT AND FINDING

Seafaring Women: Existence and Role

Mrs. Muzarokah, is one of the Fisherwomen in Morodemak Village, Demak Regency, Central Java

Province. She is a small fisherman who has gone to sea with her husband for 3 years because her husband is not

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accompanied by a crew (ABK). The reason is to accompany her husband because if she has to find a crew, the catch must be shared, whereas if she goes to sea to replace the role of the crew, then all the catches will belong to her and her husband.

Mrs. Muzarokah also explained about the various activities that she did during the process of fishing. Starting from 3:30 a.m. to 10:00 a.m., starting from the house until finished selling the catch. The following is a profile table of activities carried out by Mrs. Muzarokah which is processed from the results of interviews of researchers.

Table 1. Mrs. Muzarokah's Activity Profile

Activity	Mrs. Muzarokah
Prepare the ship	v
Disposing water from the boat deck	v
Preparing the nets	v
Spreading the nets	v
Separating fish from nets	v
Transporting fish to the basket	v
Selling Fish	v
Cleaning the boat	v
Production Activity (Non-Market)	
Cooking	v
Preparing food at home	v
Preparing fishing equipment	v
Preparing fishing supplies	v
Preparing food at boat	v
Reproduction Activity	
Giving birth	v
Caring for children	v
Community Social Activities	
Joining organization on Puspita	v
Bahari	

In addition to the village of Morodemak, Fisherwomen who went to sea were also found in Purworejo Village, Tambak Polo Hamlet, Bonang District, Demak Regency. In this hamlet, there are almost 40 women go to the sea with their husbands.

Ms. Kustiah, Ms. Siti Darwati, and Ms. Khafidoh are example of Fisherwomen who researcher met that acknowledged the work they did was too many, such as fishing with their husbands, cooking, washing, caring for children, selling fish and organizing; so that those who work in the fisheries sector work on average for 17 hours a day. This shows that women have a double role in their production and reproduction work with restrictions that are not always sharp, because they can do production and non-production work at once. The

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production and reproduction work of women is often not recognized by patriarchal society because of the

dichotomy of production-reproduction work, domestic-/non-domestic, or wage / non-wage work in the

community.

The results of interviews with researchers with Fisherwomen who went to sea in Morodemak Village

and Tambak Polo Hamlet, Purworejo Village, Bonang Sub-District, Demak Regency, showed that the existence

and role of women who sailed was real. In the production work fishermen, women play an important role in

improving the family economy. In the processing sector Fisherwomen play an important role in increasing the

value of fishery products so that they contribute to family income. In reproductive work, Fisherwomen have the

role of preparing provisions for fishing, caring for children and ensuring that household affairs are in good

condition. Meanwhile in the social role of fisherwomen are also active in the activities of the Puspita Bahari

organization. Thus it can be concluded that fishing women have an important role in both production,

reproductive and social work.

The Struggle to Get Recognition for Fisherwomen

The struggle to get recognition for fisherwomen administratively on the Identity Card (KTP) is not

easy. There are complexities of problems and challenges faced by fisherwomen, starting from the state, market,

community and family.

The state, reflected in Law Number 7 of 2016 concerning the Protection and Empowerment of

fishermen, Fish Cultivators and Salt Farmers, can be said that the state does not pay much attention to the rights

of fisherwomen because there is a bias towards the work of fishermen which appears in the definition that

fishermen are every person whose livelihood is fishing. If analyzed using Feminist Legal Theory, Law No. 7 of

2016 concerning the Protection and Empowerment of Fishermen, Fish Cultivators and Salt Farmers does not

include the existence of fishing women in them. This rule was born because there are still gender stereotypes

that fishermen are men, so the definition of the fishermen above cannot accommodate Fisherwomen who

actually have a large role in the economy of coastal communities.

The market, indirectly the market places men as the main breadwinner while the position of women is

only placed as "helping husbands."

The community includes existing community organizations. It is including religious communities and

women's organizations that come in direct contact with the community, such as Puspita Bahari and KIARA

(People's Coalition for Fisheries Justice). Puspita Bahari and KIARA play a strategic and positive role in

empowering fishing women in Demak by encouraging recognition of Fisherwomen, accommodating women's

economic needs and strategic needs of gender, while communities from religious circles actually negatively

perceive activities carried out by Puspita Bahari.

Families, even though there is already a social recognition from men / husbands, but the division of

labor in the household is still rigid.

The various complexities of the problems and challenges faced by Fisherwomen are in line with the

Kabeer gender analysis which states that there are links between various institutions, namely the state, market,

community, and even families that are factors that make it difficult for Fisherwomen to get recognition.

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However, these various problems and challenges, through tireless advocacy from Masnuah and Puspita Bahari, KIARA and PPNI, have brought results. At present there are approximately 31 fishermen in Bonang Subdistrict, Demak Regency who already have ID cards with employment status as fishermen.

Recognition of the work of Fisherwomen is very important. Moser classifies gender needs to help the state in conducting program planning in both regional policies and national policies, namely strategic and practical gender needs. Strategic gender needs are needs that have the potential to change existing gender subordination while practical gender needs are needs that are related to women's daily lives while maintaining existing gender relations.

Based on Moses analysis tool, the recognition of the work of women as fisherwomen who are registered administratively on KTP is a strategic gender requirement that must be met. Recognition of women as fishermen who are registered administratively on KTP is very important because it is closely related to the access and control of Fisherwomen to resources and various development programs in fisheries provided by the government.

V. CONCLUSION

The results of this study indicate that the existence and role of fishing women in Morodemak Village and Tambak Polo Hamlet, Purworejo Village, Bonang District, Demak Regency are real. Moreover, they are active in the roles of production, reproduction and social society. Therefore, recognition of their existence and role is very important. The recognition of the identity of fishing women is a first step to improve the conditions of fisherwomen in Indonesia and it is one way to improve the fate of, especially, fisherwomen and fishermen families.

In the future, policy changes are expected (one of which is Law No. 7 of 2016 concerning the Protection and Empowerment of Fishermen, Fish Cultivators and Salt Farmers) to accommodate the work and rights of fisherwomen in the fisheries sector.

REFERENCES

- 1. Marine and Fisheries Main Data, Statistics and Information Data Center, Ministry of Maritime Affairs and Fisheries. 2009
- 2. Sylvia Walby (Ed), A New Gender Settlement: Introduction on New Agendas for Women, London: MacMilan. 1999; 2-5.
- 3. World Bank Policy Research Report: Development Summary Gender Perspective through Gender Equality in Resources, and Freedom of Opinion, 2000, http://www.siteresouces.wordbank.org, downloaded in 25th of January 2019.
- 4. Reza Banakar and Max Travers (ed.), Theory and Method in Socio-Legal Research, Oxford and Portland Oregon: Hart Publishing. 2005; page.xii.
- 5. Sylvia Walby, *Theorizing Patriarchy*, London: Wiley-Blackwell, page.20. Walby also identified the existence of six patriarchal structures, namely household production, paid work, state, male power, sexuality and culture which together play a role in capturing the usefulness and involvement of women's subordination. 1990: 201.
- 6. Hanna Papanek, "Family Status Production: The "Work" and "Non-Work" of Women", The Labor of Women: Work and Family. 1979; 4(4):775-781. Also read: Raidimi E. N, "The roles and activities of women in the six selected agricultural projects in Thulamela Local Municipality of Vhembe District Municipality in the Limpopo Province", South African Journal of Agricultural Extension. 2014; 42(2):10-23.
- 7. Rachapaetayakom J, "Changing roles of women: reproduction to production", Population Management. 1988; 2(2):18-27.

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- 8. Stenius VM, Veysey BM, Hamilton Z, Andersen R, "Social roles in women's lives: changing conceptions of self", *The Journal of Behavioral Health Services & Research*. 2005; 322):182-198.
- 9. Feminist Legal Theory (FLT) believes that the existence and identity of women in the law are not equal to men because women in general are always attached to the private or domestic sphere. Women are always regarded as "the other" or "other" in the law because its identity is degraded into the control and sovereignty of the husband. See Barnett. 1998; 65.
- 10. Kabeer, N, Reversed Realities: Gender Hierarchies in Development Thought, New Delhi: Kali for Women International Books. 1994
- 11. Mosser, Gender Planing and Development, Theory, Practice, Trainning, USA&Canada: Routledge. 1993:40.
- 12. Adrutdin, K. F., Ali, A., Hassan, S., Jaafar, J., A Rahim, N. S., & Qureshi, M. I. (2018). The relationship between knowledge for customer and service quality on customer satisfaction: A Study on UniKL MITEC student services. *International Journal of Engineering and Technology(UAE)*, 7(2), 69–72. https://doi.org/10.14419/ijet.v7i2.29.13132
- 13. Ahmad, A., Irshad, Z., & Qureshi, M. I. (2016). Impact of Transformational Leadership on Organizational Performance: A Case Study of Banks in Pakistan. *IBA Business Review*, 11(2).
- Ahmad, M. H. B. H., Sarmin, N. H., & Qureshi, M. I. (2018). Selected Peer-Reviewed Articles from the International Conference on Science, Engineering, Management and Social Sciences (ICSEMSS 2016), Johor Bahru, Malaysia, 6–8 October, 2016. Advanced Science Letters, 24(6), 3823–3824. https://doi.org/10.1166/asl.2018.13052
- 15. Al-Kumaim, N. H., Hassan, S. H., Mahmood, A., Qureshi, M. I., & Khan, N. (2020). Exploring the determinants that control information overload and postgraduate research performance: conceptual model and implications for future research. *International Journal of Psychosocial Rehabilitation*, 24(1), 918–943. https://doi.org/10.37200/IJPR/V24I1/PR200198
- 16. Alamer, A. R. A., Salamon, H. Bin, Qureshi, M. I., & Rasli, A. M. (2015a). A new business process and outcome oriented corporate social responsibility index for islamic banking. *International Journal of Economics and Financial Issues*, 5(1S), 207–214. Retrieved from http://www.econjournals.com/index.php/ijefi/article/view/1386
- 17. Alamer, A. R. A., Salamon, H. Bin, Qureshi, M. I., & Rasli, A. M. (2015b). CSR's measuring corporate social responsibility practice in Islamic banking: A review. *International Journal of Economics and Financial Issues*, 5(Special Issue)), 198–206.
- 18. Ali Alamer, A. R., Salamon, H. Bin, Qureshi, M. I., & Rasli, A. M. (2015). How do we measure corporate social responsibility of islamic banks through their business processes and oriented outcomes? *International Journal of Economics and Financial Issues*, 5((Special Issue), 190–197.
- 19. Ali, M., & Qureshi, M. I. (2018). Social entrepreneurs' musings: A premise for value creation. *International Journal of Engineering and Technology(UAE)*, 7(4), 411–414. https://doi.org/10.14419/ijet.v7i4.28.22622
- 20. Ali, M., Qureshi, M. I., & Mustapha, I. (2019). SROI in Social Enterprises: A Systematic Literature Review of Recent Trends and Future Agenda. *Societal Entrepreneurship and Competitiveness*, 203–226. https://doi.org/10.1108/978-1-83867-471-720191014
- 21. Arai, T., Fuji, K., & Yanagida, M. (2018). Moderating effect of social support on the relationship between psychopathic traits and immoral behaviors. *Shinrigaku Kenkyu*, 89(1), 1–11. https://doi.org/10.4992/jjpsy.89.16003
- 22. Ashfaq, M. (2018). Effect Of Workplace Spirituality On The Affective Commitment Of Pakistani Bank Employees. *The European Proceedings of Social & Behavioural Sciences*, 40, 525–532. https://doi.org/10.15405/epsbs.2018.05.41
- 23. Ashfaq, M., Muhammad Imran Qureshi, D., Irum, S., Fadillah Ismail, D., & Rabeatul Husna, D. (2018). Mediating Role of Psychological Contract in the Relationship between Workplace Spirituality and Affective Commitment. *International Journal of Engineering & Technology*, 7(3.30), 369. https://doi.org/10.14419/ijet.v7i3.30.18335
- 24. Ashfaq, M., Qureshi, I., Irum, S., Mehmood, N., Khan, N., & Ahmad, H. (2020). Effect of green logistics on sustainability performance in Malaysia manufacturing companies. *International Journal of Psychosocial Rehabilitation*, 24(1), 784–792. https://doi.org/10.37200/IJPR/V24I1/PR200183
- 25. Baharum, Z., Hanif, M., Qureshi, M. I., Raidzuan, S. N. M., & Mahdin, H. (2018). Simulation model on movement of goods in sea freight for small and medium enterprise. *Indonesian Journal of Electrical Engineering and Computer Science*, 11(3), 1214–1222. https://doi.org/10.11591/ijeecs.v11.i3.pp1214-1222
- 26. Baharum, Z., Venkatesan, Y. R., Raidzuan, S. N. M., & Qureshi, M. I. (2018). The development of simulation model on environmental uncertainty factors for interval project completion. *International Journal of Engineering and Technology(UAE)*, 7(2), 62–66. https://doi.org/10.14419/ijet.v7i2.29.13130

- 27. Bashir, R. (2010). Microfinance Goes Macro: Impact on Poverty Alleviation in Pakistan. *Journal of Independent Studies and Research-Management, Social Sciences and Economics*, 8(1), 29–40. https://doi.org/10.31384/jisrmsse/2010.08.1.3
- 28. Bhatti, Mansoor Nazi, Qureshi, M. I., & Zaman, K. (2010). Future of Air Travel Industry: Relation of Growth and Consumer Satisfaction. *International Journal of Economics and Research*, 0I(01), 19–37.
- 29. Bhatti, Mansoor Nazir. (2018). Relationship Between Personality Traits And Academic Stress Among Postgraduate Students In Pakistan. *The European Proceedings of Social & Behavioural Sciences*, 40, 583–591. https://doi.org/10.15405/epsbs.2018.05.47
- 30. Bhatti, Mansoor Nazir, Sami, A., & Qureshi, I. (2018). Personality and academic performance among graduate students. *Asia Proceedings of Social Sciences*, 2(3), 256–259. https://doi.org/10.31580/apss.v2i3.454
- 31. Bibi, S., Iftikhar, M., Qureshi, M. I., Khan, K., & Zaman, K. (2013). Exploring the relationship among professional competence, job satisfaction and Career development confidence of chefs: an empirical research in Pakistan, 60, 16489–16497.
- 32. Dawi, N. M., Jusoh, A., Nor, K. M., & Qureshi, M. I. (2016). Service quality dimensions in pay TV industry: A preliminary study. *International Review of Management and Marketing*, 6(4), 239–249. Retrieved from https://www.scopus.com/inward/record.uri?eid=2-s2.0-84970005749&partnerID=40&md5=eb2f80218b5a66eb71b25a6d0dd97cab
- 33. Faiza, S., Shyamala, B. N., Oghbaei, M., & Prakash, J. (2015). Formulation of nutritious premixes based on natural ingredients and evaluating their efficacy for value addition. *International Food Research Journal*, 22(2), 546–555. https://doi.org/10.1007/s11356-014-3584-2
- 34. Haider, S., Shah, A., Abbas, S. G., Qureshi, M. I., & Lumpur, U. K. (2016). Impact of HR Practices and Turnover Intentions in banking sector of. *Abasyn Journal of Social Sciences*, (Special Issue), 415–433.
- 35. Harasis, A. A., Qureshi, M. I., & Rasli, A. (2018). Development of research continuous usage intention of e-commerce. A systematic review of literature from 2009 to 2015. *International Journal of Engineering and Technology(UAE)*, 7(2), 73–78. https://doi.org/10.14419/ijet.v7i2.29.13133
- 36. Hashemijoo, M., Mahdavi Ardekani, A., & Younesi, N. (2012a). The Impact of Dividend Policy on Share Price Volatility in the Malaysian Stock Market. *Journal of Business Studies Quarterly*, 4(38), 111–129. Retrieved from http://ezproxy.lib.monash.edu.au/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=bth&AN=91711854&site=ehost-live&scope=site
- 37. Hashemijoo, M., Mahdavi Ardekani, A., & Younesi, N. (2012b). The Impact of Dividend Policy on Share Price Volatility in the Malaysian Stock Market. *Journal of Business Studies Quarterly*, 4(38), 111–129. Retrieved from http://ezproxy.lib.monash.edu.au/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=bth&AN=91711854&site=ehost-live&scope=site
- 38. Hishan, S. S., Ramakrishnan, S., Manokaran, K. R., Jusoh, A., Qureshi, M. I., Idris, N., & others. (2018). Flood Disaster Management as A CSR Agenda for the Malaysian Listed Companies. *The Journal of Social Sciences Research*, (SPI 2), 477–482. https://doi.org/10.32861/jssr.spi2.477.482
- 39. Hishan, S. S., Sasmoko, Khan, A., Ahmad, J., Hassan, Z. Bin, Zaman, K., & Qureshi, M. I. (2019). Access to clean technologies, energy, finance, and food: environmental sustainability agenda and its implications on Sub-Saharan African countries. *Environmental Science and Pollution Research*, 26(16), 16503–16518. https://doi.org/10.1007/s11356-019-05056-7
- 40. Ibrahim, Z. L., Khan, A., Ramli, J. Bin, & Qureshi, I. M. (2019). Relationship among vocational preference, self concept and educational needs of married women in women center for continuing education, sokoto state of nigeria. *Indian Journal of Public Health Research and Development*, 10(6), 1330–1335. https://doi.org/10.5958/0976-5506.2019.01481.5
- 41. Iftikhar, M., & Qureshi, M. I. (2015). Modeling the Workplace Bullying the Mediator of "Workplace Climate-Employee Health― Relationship. *Journal of Management Info.* https://doi.org/10.31580/jmi.v4i1.27
- 42. Iftikhar, M., Shahid, M. U., Shahab, M. H., Mobeen, M., & Qureshi, M. I. (2016). Exploring the relationship among organizational citizenship behavior, psychological empowerment and turnover intensions with the mediating role of affective commitment. *International Review of Management and Marketing*, 6(4), 296–304.
- 43. Imran, Q. (n.d.). M., Zaman, K., & Nazir B, M.(2011). The impact of culture and gender on leadership behavior: Higher education and management perspective. *Management Science Letters*, *I*(4), 531–540.
- 44. Irfan, A., Rasli, A., Sulaiman, Z., Sami, A., Liaquat, H., & Qureshi, M. I. (2020). Student's perceived university image is an antecedent of university reputation. *International Journal of Psychosocial Rehabilitation*, 24(1), 650–663. https://doi.org/10.37200/IJPR/V24I1/PR200170

- 45. Irfan, A., Rasli, A., Sulaiman, Z., Sami, A., & Qureshi, M. I. (2018). Use of social media sites by Malaysian universities and its impact on university ranking. *International Journal of Engineering and Technology*(*UAE*), 7(4), 67–71. https://doi.org/10.14419/ijet.v7i4.28.22393
- 46. Irfan, A., Rasli, A., Sulaiman, Z., Sami, A., & Qureshi, M. I. (2019). The Influence of Social Media on Public Value: A Systematic Review of Past Decade. *Journal of Public Value and Administration Insights*, 2(1), 1–6. https://doi.org/10.31580/jpvai.v2i1.481
- 47. Irum, S., Imran Qureshi, M., Ashfaq, M., Sami, A., N. Bhatti, M., & Umar, A. (2018). A Review of Green Supply Chain Management Practices in Asian Countries. *International Journal of Engineering & Technology*, 7(2.29), 1094. https://doi.org/10.14419/ijet.v7i2.29.14319
- 48. Jaafar, J. B., Ishak, A. N. B., Hassan, S. Bin, Adrutdin, K. F. Bin, & Qureshi, M. I. (2020). A study of customer satisfaction with planning movement of goods during disaster aid programs: A case study of flood hit in segamat, johor. *Journal of Environmental Treatment Techniques*, 8(1), 419–428.
- 49. Jamal, A., & Naser, K. (2003). Factors influencing customer satisfaction in the retail banking sector in Pakistan. *International Journal of Commerce and Management*, 13(2), 29–53. https://doi.org/10.1108/eb047465
- 50. Jamil, F., Ismail, K., Mahmood, N., Khan, N. U., & Siddique, M. (2015). Technology incubators and institutional development. *Jurnal Teknologi*, 77(23), 113–120. https://doi.org/10.11113/jt.v77.6702
- 51. Jamil, F., Ismail, K., Siddique, M., Khan, M. M., Kazi, A. G., & Qureshi, M. I. (2016). Business incubators in Asian developing countries. *International Review of Management and Marketing*, 6(4), 291–295. Retrieved from http://www.econjournals.com/index.php/irmm/article/view/2501%5Cnhttps://www.scopus.com/inward/record.uri?eid=2-s2.0-84970027707&partnerID=40&md5=a904b3fa81db30b067742e8da83d9f72
- 52. Jamil, R. A., Iftikhar, M., Arif, S., Bibi, S., Qureshi, M. I., & Zaman, K. (2012). A survey of student perceptions of team-based learning: assessment of Pakistan and UK students. *Elixir Mgmt. Arts*, 50, 10475–10479.
- 53. Khan, A. H., Ehtisham-ul-haq, R., Qureshi, M., & others. (2017). Study of Comparison of different grease samples produced from different additives. In *Third International Conference on Engineering Sciences*.
- 54. Khan, A., Lodhi, M. S., Qureshi, M. I., Naseem, I., Javed, Y., & Zaman, K. (2014). Management of project changes in construction companies: Case of Pakistan. *World Applied Sciences Journal*, 29(2), 252–261. https://doi.org/10.5829/idosi.wasj.2014.29.02.1867
- 55. Khan, M. I., Awan, U., Yasir, M., Mohamad, N. A. Bin, Shah, S. H. A., Qureshi, M. I., & Zaman, K. (2014). Transformational leadership, emotional intelligence and organizational commitment: Pakistan's services sector. *Argumenta Oeconomica*, *33*(2), 67–92. https://doi.org/10.15611/aoe.2014.2.04
- 56. Khan, N., Qureshi, M. I., Mustapha, I., Irum, S., & Arshad, R. N. (2020). A Systematic Literature Review Paper on Online Medical Mobile Applications in Malaysia. *International Journal of Online and Biomedical Engineering (IJOE)*, 16(01), 63. https://doi.org/10.3991/ijoe.v16i01.12263
- 57. Khan, N. U. (2014). Examining the Moderating Role of Self-monitoring in Predicting Employees Speaking Up Behavior at Workplace. *Journal of Management Info*, 1(2), 21–27. https://doi.org/10.31580/jmi.v2i1.5
- 58. Khan, N. U., Qureshi, M. I., Rasli, A. M., & Ahmad, A. (2015). The impact of multiple organizational climates on performance of public sector organizations: Evidences from Pakistan. *International Journal of Economics and Financial Issues*, 5(1S), 276–282.
- 59. Khan, N. U., Rasli, A. M., & Qureshi, M. I. (2017). Greening human resource management: A review policies and practices. *Advanced Science Letters*, 23(9), 8934–8938. https://doi.org/10.1166/asl.2017.9998
- 60. Latif, K., Ismail, M. N., Nazri, M., Nor, M. R. M., & Qureshi, M. I. (2018). Exploring underpinning of outsourcing success: A case of multinational automotive group in Malaysia. *International Journal of Engineering and Technology(UAE)*, 7(4), 40–46. https://doi.org/10.14419/ijet.v7i4.28.22387
- 61. Latif, K., Ismail, M. N., Nazri, M., Nor, M. R. M., Qureshi, M. I., & others. (2018). Thematic Review for Modeling of Outsourcing Theories. *The Journal of Social Sciences Research*, (SPI 2), 303–311. https://doi.org/10.32861/jssr.spi2.303.311
- 62. Lim, J. S., Lim, K. S., Heinrichs, J. H., Al-Aali, K., Aamir, A., & Qureshi, M. I. (2018). The role of hospital service quality in developing the satisfaction of the patients and hospital performance. *Management Science Letters*, 8(12), 1353–1362. https://doi.org/10.5267/j.msl.2018.9.004
- 63. Mehmood Afzal, S., Farooq Ahmad, K., Imran Qureshi, M., Zaman, K., & Khan, N. (2014). Empirical analysis of university-industry R&D collaboration: Evidence from Pakistan. *Management Science Letters*, 4(8), 1725–1740. https://doi.org/10.5267/j.msl.2014.7.011

- 64. Michaelas, N., Chittenden, F., & Poutziouris, P. (1999). Financial Policy and Capital Structure Choice in U.K. SMEs: Empirical Evidence from Company Panel Data. *Small Business Economics*, *12*(2), 113–130. https://doi.org/10.1023/A:1008010724051
- 65. Mordi, R. C., Fadiaro, A. E., Owoeye, T. F., Olanrewaju, I. O., Uzoamaka, G. C., Olorunshola, S. J., ... others. (2011). Antimicrobial and Cytotoxic Properties of Different Extracts of Musa Sapientum L. Subsp. Sylvestris. *International Research Journal of Pharmacy*, 10(1), 32–40.
- 66. Muhammad, I. Q., Mansoor, B., Aamir, K., & Khalid, Z. (2014). Measuring queuing system and time standards: A case study of student affairs in universities. *African Journal of Business Management*, 8(2), 80–88. https://doi.org/10.5897/ajbm2013.7247x
- 67. Mustapha, I., Ashfaq, M., & Qureshi, M. I. (2019). A New Integrated Framework for ISO 9001 Quality Management System Maintenance in Malaysia. *International Journal of Innovative Technology and Exploring Engineering*, 9(2), 4519–4527. https://doi.org/10.35940/ijitee.b9019.129219
- 68. Nor, M. R. M., Latif, K., Ismail, M. N., Nazrid, M., Qureshie, M. I., & others. (2018). Palestine Conflict: An Another Perspective from the Realm of Confiscation of Land and Legitimization. *The Journal of Social Sciences Research*, (SPI 2), 367–375. https://doi.org/10.32861/jssr.spi2.367.375
- 69. Qureshi, M. I. (2012). Customer Satisfaction Measurement and Analysis Using Six Sigma in Telecom Sector of Pakistan. *European Journal of Sustainable Development*, *1*(1), 53–68.
- 70. Qureshi, M. I., Al Rasiah, R., Al-Ghazali, B. M., Haider, M., Jambari, H., Iswan, & Sasmoko. (2019). Modeling work practices under socio-technical systems for sustainable manufacturing performance. *Sustainability (Switzerland)*, 11(16). https://doi.org/10.3390/su11164294
- 71. Qureshi, M. I., Awan, U., Arshad, Z., Rasli, A. M., Zaman, K., & Khan, F. (2016). Dynamic linkages among energy consumption, air pollution, greenhouse gas emissions and agricultural production in Pakistan: sustainable agriculture key to policy success. *Natural Hazards*, 84(1), 367–381. https://doi.org/10.1007/s11069-016-2423-9
- 72. Qureshi, M. I., Bhatti, M. N., Rasli, A. M., Yasir, M., & Zaman, K. (2014). The Delphi method for internationalization of higher education in Pakistan: Integrating theory of constraints and quality function deployment. *Mediterranean Journal of Social Sciences*, 5(20), 2702–2710. https://doi.org/10.5901/mjss.2014.v5n20p2702
- 73. Qureshi, M. I., Elashkar, E. E., Shoukry, A. M., Aamir, A., Mahmood, N. H. N., Rasli, A. M., & Zaman, K. (2019). Measuring the ecological footprint of inbound and outbound tourists: evidence from a panel of 35 countries. *Clean Technologies and Environmental Policy*, 21(10), 1949–1967. https://doi.org/10.1007/s10098-019-01720-1
- 74. Qureshi, M. I., Hassan, M. A., Hishan, S. S., Rasli, A. M., & Zaman, K. (2017). Dynamic linkages between sustainable tourism, energy, health and wealth: Evidence from top 80 international tourist destination cities in 37 countries. *Journal of Cleaner Production*, 158, 143–155. https://doi.org/10.1016/j.jclepro.2017.05.001
- 75. Qureshi, M. I., Iftikhar, M., Abbas, S. G., Hassan, U., Khan, K., & Zaman, K. (2013). Relationship between job stress, workload, environment and employees turnover intentions: What we know, what should we know. *World Applied Sciences Journal*, 23(6), 764–770. https://doi.org/10.5829/idosi.wasj.2013.23.06.313
- 76. Qureshi, M. I., Iftikhar, M., Bhatti, M. N., Shams, T., & Zaman, K. (2013). Critical elements in implementations of just-in-time management: Empirical study of cement industry in Pakistan. *SpringerPlus*, 2(1), 1–14. https://doi.org/10.1186/2193-1801-2-645
- 77. Qureshi, M. I., Iftikhar, M., Janjua, S. Y., Zaman, K., Raja, U. M., & Javed, Y. (2015). Empirical investigation of mobbing, stress and employees' behavior at work place: quantitatively refining a qualitative model. *Quality and Quantity*, 49(1), 93–113. https://doi.org/10.1007/s11135-013-9976-4
- 78. Qureshi, M. I., Janjua, S. Y., Zaman, K., Lodhi, M. S., & Tariq, Y. Bin. (2014). Internationalization of higher education institutions: Implementation of DMAIC cycle. *Scientometrics*, *98*(3), 2295–2310. https://doi.org/10.1007/s11192-013-1163-9
- 79. Qureshi, M. I., Khan, A., & Zaman, K. (2012a). Structural Investigation of Service Quality in Conventional and Islamic Banking in Pakistan. *International Review of Management and Marketing*, 2(2), 99–105.
- 80. Qureshi, M. I., Khan, A., & Zaman, K. (2012b). Structural Investigation of Service Quality in Conventional and Islamic Banking in Pakistan. *International Review of Management and Marketing*, 2(2), 99–105. Retrieved from www.econjournals.com
- 81. Qureshi, M. I., Khan, K., Bhatti, M. N., Khan, A., & Zaman, K. (2012). Quality function deployment in higher education institutes of Pakistan. *Middle East Journal of Scientific Research*, 12(8), 1111–1118. https://doi.org/10.5829/idosi.mejsr.2012.12.8.1639

- 82. Qureshi, M. I., Khan, N. U., Rasli, A. M., & Zaman, K. (2015). The battle of health with environmental evils of Asian countries: promises to keep. *Environmental Science and Pollution Research*, 22(15), 11708–11715. https://doi.org/10.1007/s11356-015-4440-8
- 83. Qureshi, M. I., Md. Rasli, A., Jusoh, A., & Kowang, T. O. (2015). Sustainability: A new manufacturing paradigm. *Jurnal Teknologi*, 77(22), 47–53. https://doi.org/10.11113/jt.v77.6661
- 84. Qureshi, M. I., Qayyum, S., Nassani, A. A., Aldakhil, A. M., Qazi Abro, M. M., & Zaman, K. (2019). Management of various socio-economic factors under the United Nations sustainable development agenda. *Resources Policy*, 64, 101515. https://doi.org/10.1016/j.resourpol.2019.101515
- 85. Qureshi, M. I., Rasli, A. M., & Zaman, K. (2014). A New Trilogy to Understand the Relationship among Organizational Climate, Workplace Bullying and Employee Health. *Arab Economic and Business Journal*, *9*(2), 133–146. https://doi.org/10.1016/j.aebj.2014.05.009
- 86. Qureshi, M. I., Rasli, A. M., & Zaman, K. (2016). Energy crisis, greenhouse gas emissions and sectoral growth reforms: Repairing the fabricated mosaic. *Journal of Cleaner Production*, *112*, 3657–3666. https://doi.org/10.1016/j.jclepro.2015.08.017
- 87. Qureshi, M. I., Rustam, A., Rustam, S., Umar, A. Bin, & Zaman, K. (2012). Measuring Bank Branch Performance in Pakistan: Data Envelopment Analysis (DEA). *Oeconomics of Knowledge*, 4(4), 25–40.
- 88. Qureshi, M. I., Yusoff, R. M., Ahmed, A. R., Isa, K., & Imran, A. (2017). Linking quality of work life with sustainable manufacturing performance. *Advanced Science Letters*, 23(9), 8232–8235. https://doi.org/10.1166/asl.2017.9867
- 89. Qureshi, M. I., Yusoff, R. M., Hishan, S. S., Alam, A. F., Zaman, K., & Rasli, A. M. (2019). Natural disasters and Malaysian economic growth: policy reforms for disasters management. *Environmental Science and Pollution Research International*, 26(15), 15496–15509. https://doi.org/10.1007/s11356-019-04866-z
- 90. Qureshi, M. I., & Zaman, K. (2011). Waiting Time Management in the Student Affair / Admissions Offices: a Case Study of Pakistani Universities. *Journal of Marketing and Operations Management Research*, 1(2), 143.
- 91. Qureshi, M. I., Zaman, K., & Bhatti, M. N. (2011). The impact of culture and gender on leadership behavior: Higher education and management perspective. *Management Science Letters*, 1(4), 531–540. https://doi.org/10.5267/j.msl.2011.05.008
- 92. Qureshi M. I Bhatti M. N, K. M. M., & K., Z. (2011). Project Management: Tools and Techniques. LAP LAMBERT Academic Publishing ISBN Number: 978-3-8433-1061-0.
- 93. Rahim, N. S. A., Zahir, M. A., Wan Azman, W. N., Ayyub, M., & Qureshi, M. I. (2019). Transformational leadership style towards the quality of service in forwarding activity. International Journal of Recent Technology and Engineering (Vol. 8).
- 94. Ramakrishna, S. A. (2020). Review on Nexus between Economic Growth and Environmental Quality. *International Journal of Psychosocial Rehabilitation*, 24(1), 739–746. https://doi.org/10.37200/ijpr/v24i1/pr200177
- 95. Rashid, M., Tasmin, R., Qureshi, M. I., & Shafiq, M. (2019a). A PLS analysis on the relationship between servant leadership and academicians OCB in MTUN universities. *International Journal of Engineering and Advanced Technology*, 8(5), 1360–1368. https://doi.org/10.35940/ijeat.E1194.0585C19
- 96. Rashid, M., Tasmin, R., Qureshi, M. I., & Shafiq, M. (2019b). A proposed framework of mediating role of interpersonal employee conflict between the relationship of servant leadership and academicians OCB, using PLS. *International Journal of Engineering and Advanced Technology*, 8(5), 1369–1374. https://doi.org/10.35940/ijeat.E1195.0585C19
- 97. Rashid, M., Tasmin, R., Qureshi, M., & Shafiq, M. (2017). Relationship of servant leadership with employee in-role and extra-role performance in GLC's of Malaysia. *City University Research Journal*, (2010), 88–95.
- 98. Rasli, A., Jusoh, A., & Qureshi, M. I. (2017). Selected peer-reviewed articles from the ASIA international conference (AIC-2016) on emerging issues in economics and finance (EIEF) and future of marketing and management (FMM), Universiti Teknologi Malaysia, 10–11 December 2016. *Advanced Science Letters*, 23(9), 8021–8022. https://doi.org/10.1166/asl.2017.9828
- 99. Rasli, A. M., Norhalim, N., Kowang, T. O., & Qureshi, M. I. (2015). Applying managerial competencies to overcome business constraints and create values: Evidence from small technology-based firms in Malaysia. *Journal of Management Info*, 2(2), 22–28. https://doi.org/10.31580/jmi.v3i1.15
- 100. Rasli, A. M., Qureshi, M. I., Isah-Chikaji, A., Zaman, K., & Ahmad, M. (2018). New toxics, race to the bottom and revised environmental Kuznets curve: The case of local and global pollutants. *Renewable and Sustainable Energy Reviews*. https://doi.org/10.1016/j.rser.2017.08.092
- 101. Rawabdeh, I., Raqab, A., Al-nimri, D., Haddadine, S., Kim, C., Yang, K. H., ... Shafiq, M. (2005). RELATIONSHIP OF BLUE OCEAN STRATEGY AND INNOVATION PERFORMANCE, AN EMPIRICAL STUDY Table 1. Red Ocean versus Blue Ocean Strategy Red Ocean Strategy Blue Ocean

- Strategy. *Procedia-Social and Behavioral Sciences*, 26(2), 645–652. https://doi.org/10.1108/02756660510608521
- 102. Safdar, M. Z., Awan, M. Z., Ahmed, Z., Qureshi, M. I., & Hasnain, T. (2016). What does matter? Liquidity or profitability: A case of sugar industry in Pakistan. *International Journal of Economics and Financial Issues*, 6(3), 144–152. Retrieved from https://www.scopus.com/inward/record.uri?eid=2-s2.0-84973623344&partnerID=40&md5=d8caeba136afe2dad2e824c5eabe9659
- 103. Saleem, M. A. (2011). CREDENTIALS AND EXAMINATION OF THE FACTORS AFFECTING THE STUDENTS'ACADEMIC ACHIEVEMENT IN HIGHER EDUCATION. *Gomal University Journal of Research*, 27(2), 74–80.
- 104. Sami, A., Jusoh, A., Mahfar, M., Qureshi, M. I., & Khan, M. M. (2016). Role of ethical culture in creating public value. *International Review of Management and Marketing*, 6(4), 255–261.
- Sami, A., Jusoh, A., Md Nor, K., Irfan, A., Irum, S., Imran Qureshi, M., & Ishfaq, M. (2018). Professionalism is the Key to Create Public Value. *International Journal of Engineering & Technology*, 7(3.30), 583. https://doi.org/10.14419/ijet.v7i3.30.18436
- 106. Sami, A., Jusoh, A., Md Nor, K., Irfan, A., & Qureshi, M. I. (2018). Systematic Review of Public Value. *Journal of Public Value and Administration Insights*, *I*(1), 1–6. https://doi.org/10.31580/jpvai.v1i1.131
- 107. Sami, A., Jusoh, A., & Qureshi, M. I. (2016). Does ethical leadership create public value? Empirical evidences from banking sector of Pakistan. *International Review of Management and Marketing*, 6(4), 262–270.
- 108. Shafiq, M., & Qureshi, M. I. (2014). Quadruple culture type approaches impacting employees attributes. *Journal of Management Info*, *I*(2), 1–11. https://doi.org/10.31580/jmi.v2i1.3
- 109. Shafiq, M., Tasmin, R., & Qureshi, M. I. (2019). A developed framework of mediating role of inbound innovation strategy between bos and innovation performance. *International Journal of Engineering and Advanced Technology*, 8(5), 1375–1381. https://doi.org/10.35940/ijeat.E1196.0585C19
- 110. Shafiq, M., Tasmin, R., Qureshi, M. I., & Takala, J. (2019). A new framework of blue ocean strategy for innovation performance in manufacturing sector. *International Journal of Engineering and Advanced Technology*, 8(5), 1382–1389. https://doi.org/10.35940/ijeat.E1197.0585C19
- 111. Shafiq, M., Tasmin, R., Takala, J., Imran Qureshi, M., & Rashid, M. (2018). Mediating Role of Open Innovation Between the Relationship of Blue Ocean Strategy and Innovation Performance, a Study of Malaysian Industry. *International Journal of Engineering & Technology*, 7(2.29), 1076. https://doi.org/10.14419/ijet.v7i2.29.14316
- 112. Shah, G. U. D., Bhatti, M. N., Iftikhar, M., Qureshi, M. I., & Zaman, K. (2013). Implementation of technology acceptance model in E-learning environment in rural and urban areas of Pakistan. *World Applied Sciences Journal*, 27(11), 1495–1507. https://doi.org/10.5829/idosi.wasj.2013.27.11.1787
- 113. Shah, I., Qureshi, M. I., & Aman, K. (2010). Relationship between Rewards and Employee's Performance in The Cement Industry in Pakistan. *Journal of International Academic Research*, 10(2), 19–29. Retrieved from http://www.uedpress.org/ojs/index.php/jiar/article/view/5
- 114. Shah, S. H. A., Gul, S., Shakir, H., & Qureshi, I. (2013). Switching cost and consumer behaviour: A structural analysis of telecom sector of Pakistan. *World Applied Sciences Journal*, 28(4), 513–527. https://doi.org/10.5829/idosi.wasj.2013.28.04.1688
- 115. Shahverdi, M., Ismail, K., & Qureshi, M. I. (2018). The effect of perceived barriers on social entrepreneurship intention in Malaysian universities: The moderating role of education. *Management Science Letters*, 8(5), 341–352. https://doi.org/10.5267/j.msl.2018.4.014
- 116. Shakil, R. M., Hassan, M. A., & Qureshi, M. I. (2019). Understanding the Relationship Between HR Roles and HR Effectiveness: A Conceptual Review. *Management Research Spectrum*, 9(1), 78–82.
- 117. Siddique, M., Ch, N. I., Mehmood, S., Qureshi, M. I., & Umar, A. (2017). Relationship between Channel Conflict and Stock Outs at Retail/Distribution Points. *Abasyn Journal of Social Sciences*, 2017(AIC), 604–612.
- 118. Yasir, M., Batool, S., Khan, F., Imran, A., & Qureshi, M. I. (2017). Social Media, Technostress and Workplace Deviance: An Evidence from The Software Houses in Pakistan. *Abasyn Journal of Social Sciences*, (July 2017), 559–571.
- 119. Yasir, M., Rasli, A., & Qureshi, M. I. (2017). Investigation of the factors that affect and gets affected by organizational ethical climate. *Advanced Science Letters*, 23(9), 9351–9355. https://doi.org/10.1166/asl.2017.10479
- 120. Yasir, M., Rasli, A., Qureshi, M. I., Ullah, A., & Khan, H. (2017). Authentic Leadership Development Process. *Abasyn Journal of Social Sciences*, 17–30.
- 121. Yusoff, R. B. M., Imran, A., Qureshi, M. I., & Kazi, A. G. (2016). Investigating the relationship of employee empowerment and sustainable manufacturing performance. *International Review of Management and Marketing*, 6(4), 284–290.

ISSN: 1475-7192

- 122. Zahid, M., Rahman, H. U., Ali, W., Khan, M., Alharthi, M., Imran Qureshi, M., & Jan, A. (2020). Boardroom gender diversity: Implications for corporate sustainability disclosures in Malaysia. *Journal of Cleaner Production*, 244, 118683. https://doi.org/10.1016/j.jclepro.2019.118683
- 123. Khalili, M., Alimohammadi, N., Narges, K.Iranian nurses' ethical challenges in controlling children's fever(2018) International Journal of Pharmaceutical Research, 10 (1), pp. 337-340. https://www.scopus.com/inward/record.uri?eid=2s2.085056993661&partnerID=40&md5=c5462f618e1e 4563e8892cda3aebdc63
- 124. Mithun Rudrapal and Dipak Chetia. "Plant Flavonoids as Potential Source of Future Antimalarial leads." Systematic Reviews in Pharmacy 8.1 (2017), 13-18. Print. doi:10.5530/srp.2017.1.4
- 125. Mohamed Saleem, T.S., Basha, S.D.Red wine: A drink to your heart(2010) Journal of Cardiovascular Disease Research, 1 (4), pp. 171-176.

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