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Sports development of Pangkalpinang city viewed from sports development index

(Open Space Evaluation Study, Human Resources, Community Participation, and
Physical Fitness)

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ABSTRACT

To measure the level of development of community sports can be done by measuring the development of sports through the SDI (Sport Development Index). This study aims to: 1) Describe the results of sports development. 2) Identify the availability of sports open spaces. 3) Identifying the quality and quantity of human resources. 4) Identify the level of community participation in exercise. 5) Measuring the level of physical fitness of the community. 6) Knowing the results of SDI in Pangkalpinang city. This study uses the mixed method method combining two forms of research, namely qualitative and quantitative research. The study sample amounted to 270 people. The sampling technique uses a multistage random sampling method. The results of this study are: 1) Development of sports in the city of Pangkalpinang included in the low category. 2) Index of open space shows a number of 0.363 included in the low category. 3) Index of Human Resources shows a figure of 0.0007 included in the low category. 4) The index of community participation shows that the number of 0.348 is included in the low category. 5) Community Fitness Level shows a number of 0.361 included in the low category. 6) SDI in Pangkalpinang city shows a number of 0.268 included in the low category.

Keywords: Sport Development Index

INTRODUCTION

According to Agus Kristiyanto (2012: 1) "the development of sports is essentially an integral part of the national development process" In this case, development is associated with efforts to establish quality Indonesian human beings and in achieving national goals, especially democratic, fair and prosperous communities.

To measure the level of development of community sports is not only done with one indicator, namely the acquisition of medals, but can be done by measuring the development of Indonesian sports through the SDI (Sport Development Index). The Sport Development Index as an instrument to measure the results of the development of sports in an area. The Sport Development Index (SDI) is a new concept that came after the publication of human development reports in all countries issued by the United Nations Development Program (UNDP), which is one of the UN organization bodies in charge of development. Indicators of the results of development in a country are seen from the HDI (Human Development Index).

According to Cholik and Maksum (2007: 7), SDI is a composite index that reflects the success of sports development based on four basic dimensions: (1) open space available for sports, (2) human resources or sports personnel involved in sports activities, (3) participation of community members to exercise regularly and (4) the degree of physical fitness achieved by the community.

METHODOLOGY

The study was conducted in Pangkalpinang City, Bangka Belitung Islands Province in several districts, namely: Tamansari Subdistrict, Gabek District, and Pangkajene Lingsibung Subdistrict. This research was conducted in December 2017 until February 2018. This study used the mixed method method combining two forms of research namely qualitative and quantitative research. The study sample amounted to 270 people. The sampling technique uses a multistage random sampling method.

RESULT AND DISCUSSION

1. Index of Outdoor Sport Spaces in the City of Pangkalpinang

Based on the index results about open space for sports in the three sample districts, the following data are obtained:

Tabel 4.3 The index value of the Sport Open Space in Pangkalpinang City

No	District name	Index Value
1	Tamansari District	0,256
2	Pangkalbalam District	0,321
3	Gabek District	0,512
Pangkalpinang City Sport Open Space Index		0,363

2. Sports Human Resources (HR) Pangkalpinang City

Based on the index results on sports human resources (HR) in the three sample districts the following data were obtained:

Table 4.7 The value of the Sports HR Index of the City of Pangkalpinang

No	District name	Index Value
1	Tamansari District	0,0009
2	Pangkalbalam District	0,0006
3	Gabek District	0,0008
Pangkalpinang City Sports HR Index		0.0007

3. Sports Participation in the City of Pangkalpinang

From the results of the sports participation index of three sub-districts that were used as the study sample, the data for the index of sports participation in the City of Pangkalpinang were as follows:

Table 4.12 Index value of sports participation in the City of Pangkalpinang

No	District name	Index Value
1.	Tamansari District	0.277
2.	Pangkalbalam District	0.411
3.	Gabek District	0.355
Index of sports participation in the City of Pangkalpinang		0.348

4. Physical Fitness Index of Pangkalpinang City

From the results of the physical fitness index of three sub-districts that were used as the study sample, the data for the physical fitness index of Pangkalpinang City were as follows:

Table 4.14 Physical fitness index value of Pangkalpinang City

No	District name	Index Value
1.	Tamansari District	0.270
2.	Pangkalbalam District	0.344
3.	Gabek District	0,469
Physical Fitness Index of Pangkalpinang City		0.361

5. Sports Development Index of Pangkalpinang City

The index results from the sports development of the City of Pangkalpinang can be seen in the following table:

Table 4.15 SDI of Pangkalpinang City

District name	Outdoor Sport Spaces	Sports Human Resources	Sports Participation	Physical Fitness	SDI
Tamansari District	0,256	0,0009	0,277	0,270	0,200
Pangkalbalam District	0,321	0,0006	0,411	0,344	0,269
Gabek District	0,512	0,0008	0,355	0,469	0,334
Pangkalpinang City	0,363	0,0007	0,348	0,361	0,268

CONCLUSION

- 1) Pangkalpinang city sports development is included in the low category.
- 2) Index of open space shows a number of 0.363 included in the low category.
- 3) Index of Human Resources shows a figure of 0.0007 included in the low category.
- 4) The index of community participation shows that the number of 0.348 is included in the low category.
- 5) Community Fitness Level shows a number of 0.361 included in the low category.
- 6) SDI in Pangkalpinang city shows a number of 0.268 included in the low category.

The results of the SDI above, the indicator of sports human resources (HR) is arguably the most concerning because it is included in the low category of the applicable SDI, which is 0.0007. This value implies that the need for attention from stakeholders in making policies to increase sports resources (HR) in order to produce qualified people in the field of sports in order to achieve Pangkalpinang City with the development of sports towards a better direction.

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