

Research on Key Information of University Sports Safety Based on Computer Information Analysis Technology

MengDie Guo

Shanghai Normal University Tianhua College, Shanghai, China

Abstract:

Introduction: Environmental pollution has seriously affected all areas of society and life, prompting people to pay attention to environmental protection. Then, ecological sports began to be attractive.

Objectives: This paper studies the evaluation standard of sports living environment in universities from the perspective of ecology. In this paper, through questionnaire survey, computer retrieval research, expert survey and consultation, mathematical statistics and other research methods and means, the current situation of ecological sports in universities is discussed.

Methods: Based on the reality of the development of ecological sports in universities, this paper applies the scientific development concept to construct the current situation and trend of the development of ecological sports in universities.

Results: The results show that the development of ecological sports curriculum in universities is not perfect, the ecological sports is not standardized, and there is a lack of special research on the development of ecological sports in universities.

Conclusions: The results of this paper can provide some reference for the research on the evaluation standard of sports human settlements in universities by the ecology perspective.

Keywords: Computer Information Analysis, ecosystem, environmental protection, environmental assessment

INTRODUCTION

There is a new relationship between the modern school and the ecological environment, that is, from one-way to interaction, from decentralization to integration, from the past single to modern diversification¹⁻². Therefore, the integration and interaction of college physical education curriculum and ecological environment is an important part of modern physical education teaching process.

At present, the integration of theoretical knowledge research and practice between ecological sports curriculum and physical education curriculum is still lacking. If schools can carry out ecological sports well, it can also improve students' learning enthusiasm³. Due to the distinct characteristics of the times, the diversity of themes, the effectiveness of activities, the permeability of culture, the popularity of coverage, and the popularization of the main participants, ecological sports is characterized by its unique characteristics. Such a school to carry out ecological sports curriculum can promote the integration between students and the environment, create a harmonious classroom teaching situation, and build a smart ecological sports classroom⁴⁻⁵.

OBJECTIVES

This paper takes Southwest University, Chongqing University, Chongqing Jiaotong University, Chongqing Normal University, Chongqing University of Arts and Sciences, Sichuan University of foreign languages as the research objects, in which the number of men and women is half.

METHODS

According to the actual situation of Chongqing, the development of physical education in Colleges and universities is mainly for freshmen and sophomores, and physical education is basically elective when it comes to junior and senior. But in this case, the whole school is basically the implementation of a more unified teaching objectives, in each stage of the teaching content, which gives students a certain boring curriculum, boring. Of course, all things should be identified by Marxism Leninism, and all things should be treated in two ways. We can't just grasp one of the small problems to discuss. In this way, all the activities can also promote the emotional

communication between children. It's just hard to mobilize their enthusiasm and let them enjoy the fun sports bring to them, more is to cope with the exam.

(1) The establishment of V-set evaluation of the reasonable degree of PE teacher student teaching content

RESULTS

As shown in Table 1, this table mainly assumes that the teacher's teaching content in the classroom, and the students' evaluation of the teacher's teaching content after teaching, and the grade is determined as three grades: good, average and poor, of which the set form is: $v = \{\text{good, average and poor}\}$.

Table 1. Evaluation results of PE Teachers' teaching contents

Serial number	R	Schools	Good	General	Poor
1	R1	Southwest University	0.51	0.42	0.07
2	R2	Chongqing University	0.50	0.44	0.06
3	R3	Chongqing Jiaotong University	0.45	0.4	0.15
4	R4	Chongqing Normal University	0.40	0.5	0.1
5	R5	Chongqing arts and Sciences	0.50	0.41	0.09
6	R6	Sichuan foreign languages	0.46	0.42	0.12

From table 1, we can see that students in different schools have different degrees of evaluation on class content. My own opinion is that teachers' personal factors have a part of the influence, and the objective existence of teaching content and students' own situation also have a certain influence. The first is the influence of teachers. To carry out the ecological civilization of physical education classroom, teachers still play a very important role in the teaching process. The influence of teachers on students mainly has the right factors and non power factors. The second is the influence of the teaching content. The current teaching content is still in accordance with the oldest "regulations and methods of university teaching", which can not meet the needs of most students. Thirdly, the situation of students themselves, the hobby of sports is different from person to person, the cognition of sports is also different. Therefore, teachers should carry out sports well in teaching to achieve ecological development, which is a challenge to teachers⁸⁻¹⁰. They should adapt sports content with innovative thinking, comprehensively grasp the actual situation of students in the class, and how to pass the teaching content to them. They should actively participate in it.

(2) The influence of sports facilities on sports activities

This study is mainly evaluated by V-set, as shown in Table 2. After class, students feel the importance of facilities in the process of teaching activities. The V-set evaluation is divided into three levels: important, general and indifferent. The set form $v = \{\text{important, general and indifferent}\}$.

Table 2. Evaluation results of site facilities on activities

Serial number	R	Schools	Important	Commonly	indifferent
1	R1	Southwest University	0.71	0.25	0.04
2	R2	Chongqing University	0.77	0.21	0.02
3	R3	Chongqing Jiaotong University	0.76	0.20	0.04
4	R4	Chongqing Normal University	0.70	0.26	0.04
5	R5	Chongqing arts and Sciences	0.69	0.26	0.05
6	R6	Sichuan foreign languages	0.68	0.28	0.04

It can be seen from table 2 that the venues and facilities play an important role in the development of physical education curriculum, and the students' attention to it can not be ignored. As far as the schools surveyed are concerned, the proportion of school facilities to the number of students in school is concerned, and the venues can not meet the demand. At present, the students' reaction is that there will be many students in the last physical education class, especially in the Xinghu campus of the University of Arts and Sciences. The track and field is full of people, and there are standing people on the track. In this way, it is difficult to carry out the teaching of physical education class smoothly. Take Chongqing University as an example. Although there are a lot of venues, the number of students in track and field, football, basketball, table tennis and badminton fields is almost full in class. If there are students who multiply each other instead of exercising in class time, it will be the end of time. This series of unreasonable factors are the unreasonable reaction of ecological sports in Colleges and universities in Chongqing.

(3) The combination of physical education and traditional sports

The development of ecological sports is to integrate our traditional Chinese projects into classroom teaching while keeping pace with the times. This can not only enrich the classroom teaching content, but also continue the traditional essence of the Chinese nation. Through the questionnaire survey, we get the students' reaction and the combination degree of teachers and traditional national sports in teaching. As shown in Figure 1 below, more schools are still in the most primitive stage in Chongqing.

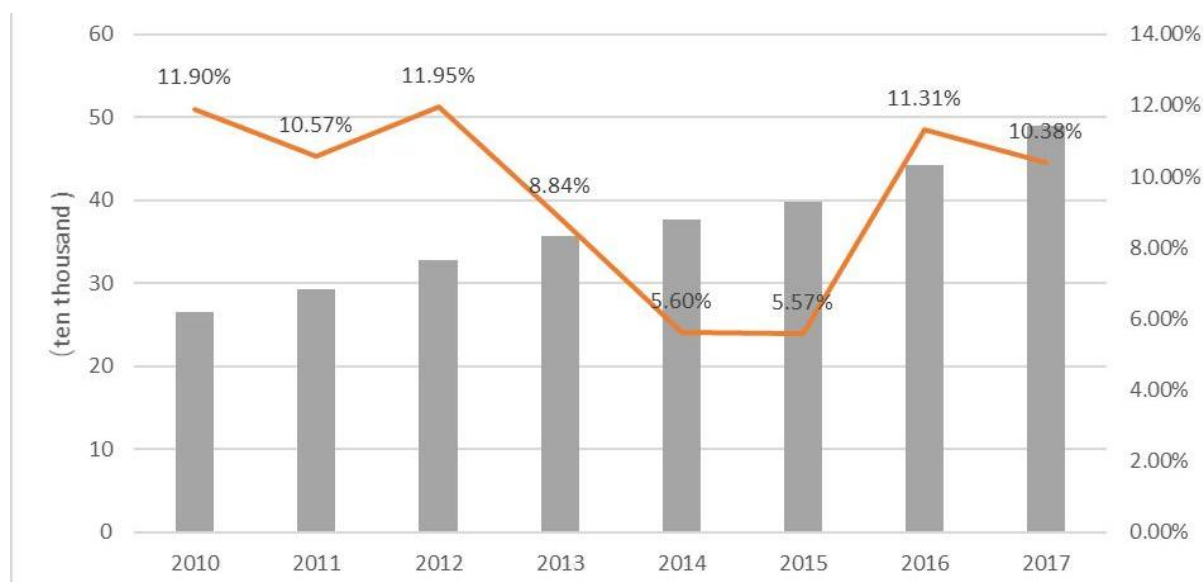


Fig. 1. The combination of physical education and national tradition in universities of Chongqing

We can see from the above figure that the combination degree of teachers with traditional national sports curriculum is still a blank, among which Chongqing University of Arts and Sciences is the best and Chongqing University is the worst. Chongqing University is located in the center of Shapingba city. There is a modern commercial atmosphere around it, and the facilities of the university are all artificially built. Chongqing University of Arts and Sciences is located in the satellite Lake cucumber mountain, where the beautiful environment naturally attracts teachers to carry out similar activities. For example, in the past, we have carried out mountain cross-country classes, outdoor exploration, dragon boat rowing and other traditional sports.

DISCUSSION

CAMPUS PUBLICITY

Campus publicity is an integral part of campus culture. When a school wants to achieve a certain goal, it will always mobilize a large number of people to carry out vigorous publicity, and the corresponding educators and students' union workers have played a very important role. In the propaganda of ecological sports content teaching for students, the first is the propaganda of teachers, which should arouse their interest in classroom teaching, and then produce an impulse to practice in their spare time. The second is that the students' Union should make more

posters and use more color pictures to stimulate the students' senses and make them have a strong interest in it. In the process of student union activities, the relevant person in charge can also learn from a teacher, and then carry out the content combined with the ecological environment in the activities, and let them experience the fun of sports.

ORGANIZE AND CARRY OUT CLASSROOM EXPERIENCE

It is most direct for teachers to organize students' experience in teaching. Let them have an overall understanding of ecological consciousness. The process of understanding is from the initial fuzzy force to the later clear understanding and then to the final practice. Adjust the teaching content to achieve the same teaching goal. For example, the teaching goal of this class is to exercise the students' cardiopulmonary endurance. According to the normal situation, it is to organize the students to run in the track and field. In this process, students often give up because they can't finish it, or because of boring training and so on. If teachers dare to innovate in teaching, organize students to field activities, in the whole process, they will produce an interest in new things. This can transfer their pain in the process of exercise, and then ask everyone as a whole, the effect of mutual help between students can also be achieved. This is not only exercise to the students' body, but also make the class students have a great sense of class honor, a good teaching atmosphere, and ease the lack of teaching facilities and other problems.

In the teaching organization activities, teachers should mainly implement the education idea of health first, weaken the competitiveness of sports, emphasize more on the fitness of sports, increase the sports necessary to contact with social life and explain the scientific training methods in the process. Break the viewpoint of subject centered theory, guide ecological education to physical education, let students learn the basic knowledge of ecology, basic science, let students realize the relationship of interdependence, mutual restriction and interaction between human society and natural ecological environment. Better cultivate students' awareness of ecological sports.

ECOLOGICAL TEACHING CONTENT

The so-called ecological teaching content, the most simple and straightforward is to require physical education teachers to combine with the surrounding natural environment in teaching, make full use of the surrounding geographical environment, develop appropriate teaching content, to achieve the purpose of teaching and complete the teaching task. In the process of teaching, teachers can use the surrounding environment to organize students to go out for outings, kite flying, jogging and other activities in spring and autumn. In this way, they can exercise their bodies, breathe the fresh air of nature, and form the idea of loving nature. We can choose the teaching content according to the specific situation of the school. For example, Chongqing University, a city center university, is not easy to develop. In these circumstances, an artificial rock climbing hall has been built in the school. But only in the heart to comfort students, but in the combination with nature is relatively lacking. But Southwest University, Chongqing University of Arts and Sciences and other schools, located in the suburbs, have a good natural ecological environment. They can organize a large number of students to carry out orienteering, exercise their ability to use compass and other instruments, as well as the ability to coordinate between people.

THE ECOLOGICAL RELATIONSHIP BETWEEN TEACHERS AND STUDENTS IN TEACHING

In the ecological relationship between teachers and students, students are required to study independently, and teachers only play an auxiliary role in the teaching process. According to the psychological and physiological characteristics of contemporary college students, they are no longer children, and the teaching method is no longer cramming. Students should choose teachers and teaching contents. In this way, we can arouse their interest, provide them with a free, harmonious and relaxed teaching environment, promote better communication between teachers and students, and build a harmonious teacher-student relationship. In the relationship between teachers and students, teachers should pay attention to keeping pace with the times when they choose the content of physical education. In terms of selection, they should choose the sports items suitable for the school based on the general direction of the school's training program and the specific situation of the school. Another factor that affects the ecological relationship between teachers and students is the teacher's evaluation of students. In the current evaluation, too many teachers are a score evaluation. Only teachers who give students reasonable evaluation can be admired by students and have a strong interest in the course. Therefore, in the relationship

between teachers and students, teachers are always in an active position. The degree of ecological relationship mainly depends on Teachers' concern for students.

PROPAGANDA OF ECOLOGICAL SPORTS INFORMATION

Propaganda in schools can be popularized by means of blackboard newspaper, poster, network, speech and so on. In this way, the idea of health sports, ecological sports and lifelong sports can be formed. We should consciously strengthen this tendency in school activities, set up a new idea of harmonious development between human and sports nature among students, and publicize the teaching contents and teaching methods of physical education. They should understand that no matter what the sports development mode is, his only ultimate goal is to exercise and promote the healthy development and growth of the human body. In particular, ecological sports is to promote the healthy development of students. One of the most obvious characteristics of ecological sports is to be close to nature. When people choose the way of activities, they should choose the content according to the development law of things. Ecological sports provide colorful sports for human beings, can provide a good long-term scientific exercise method for people, improve the students' ability to adapt to the environment and survival ability. There are various forms of ecological sports in Colleges and universities, but no matter what, it needs the support of school leaders, and teachers' organization can be well popularized. Culture influences the development of schools, and it is also inseparable from the influence of people. The development of ecological sports activities and human development are mutual influence, mutual dependence and common progress.

CONCLUSIONS

At present, the development trend of physical education in Colleges and universities in Chongqing is towards the direction of ecological development, and will be towards the goal of ecological sports. The future content is embodied in these aspects. The development of school physical education curriculum will be more combined with the surrounding environment, and more outdoor projects will be carried out to mobilize students' learning enthusiasm. The choice of content increases the students' active choice, the implementation of the student-centered direction, carrying forward the traditional culture will be more combined with the school. In this way, the teaching content of the school will increase more traditional sports, and the teaching evaluation will change from single to multiple.

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