# Week12

Topic： Tourism sustainability as the new normal?

Keywords: tourism, sustainable development

Using engine: University Library, Google Books

A total of ten results were searched in the school library based on the keywords tourism sustainability, three of which accurately included the keywords travel as well as sustainability. One of the articles was not available online, while the other two described relevant content pointing to the role of communities in environmental, cultural and economic sustainability, analyzing some of the problems from Edinburgh city center to the rural north of Portugal and the beaches of Indonesia. In both articles, I extracted the recurring keyword "community".

By adding keywords, I chose to use Google Books for further searches. There were 443 results for the keyword sustainable tourism development, which was clearly not an amount I could read quickly, so I narrowed the search to include the keyword community, and checked the box for books and set the search to view articles from 2010 onwards, and there were only 18 results for "sustainable community travel development". The most relevant result was a book published in 2021.

A brief review of the book concluded that sustainable management, socio-economic sustainability, cultural sustainability, and environmental sustainability are necessary for sustainable tourism to become the norm. Sustainable management is about giving the destination the capacity and framework to manage sustainably. Socio-economic sustainability is about maximizing the contribution of tourism to the economic development of the local community and minimizing negative impacts. Cultural sustainability is about maximizing the contribution of tourism to local communities, tourists, and cultural heritage. Environmental sustainability is about maximizing the contribution of tourism to the environment.

Through my review of materials, I have found that sustainable tourism development is the result of shared responsibility by all. From building sustainable concepts and knowledge systems to consciously changing habits of life and consumption. Sustainable development means that while people pursue and enjoy the good life brought by economic development, they also think about the future and protect nature and the earth for our next generation.


Topic: Analysis of the impact of modern information technology on transportation management

Keywords: information technology, transportation

Using engine: Google Scholar, Knowledge Network

A search on Google Scholar for the keyword "impact of information technology on transportation information" yielded more than 6 million results, which obviously did not meet my search requirements, so I set the criteria to after 2019 and added other advanced settings, and the search was reduced to more than 10,000 items, but this was still beyond my expected, so I tapped into articles with more similar content to find new keywords. Several of the articles mentioned "data mining" and "intelligent transportation systems". So I changed the key information to search.

The search for "intelligent transportation systems and data mining" found 37 valid entries, most of which indicated several positive effects. First of all, information technology is beneficial to the construction of intelligent transportation system, in the process of integration of information technology and transportation management, the interpenetration of traffic operations, travel and roads, thus forming a modern, information and intelligent transportation system, thus reducing the pressure of traffic and reducing the accident rate of traffic. It is also easy to expand the management scope, improve the efficiency of management, and standardize the process of traffic management. Secondly, the load of transportation is reduced. Because the quality of life has improved, the demand for transportation has also increased. And to ensure the sustainable development of transportation, it is necessary to strengthen transportation management, pay attention to the relationship between modern information technology and transportation, to integrate them both, and improve the efficiency and quality of transportation. Because there are always two sides to the impact, and I did not find the negative impact of information technology on transportation management in the process of reading, so I chose to change the search engine for further search.

I searched for "intelligent transportation systems" in the Web of Knowledge, but only found two articles with this title, and after looking through them, I found that I could not get more useful knowledge based on Google Scholar's browsing. So I had to switch to Google Books again to do the search. The search yielded many results, but after going through the titles I found that the next six articles were more relevant to the topics I wanted to learn about. And as I went through them I found the answers I needed.

The development of information technology has also impacted the development of transportation management to a certain extent. The process of transportation management, to a large extent, is still the use of traditional management methods, and in the process of promoting the construction of information technology traffic management, more or less there is a shortage of funds, resulting in the inability to replace the obsolete information technology equipment in a timely manner, thus making it difficult to give full play to the advantages of information technology, which is not conducive to improving the effectiveness of traffic management.

So the development of information technology has its advantages and disadvantages, but we have to admit that it has a huge impact on transportation management. The rational use of information technology is necessary to more effectively link the pressure

of transportation, so as to make a great contribution to the development of transportation.