Innovation Humanities and Social Sciences Research, Volume 22, Issue 7, 2026. ISSN: 2949-1282
Proceedings of The 6th International Conference on Education, Language and Inter-cultural Communication (ELIC 2026)

A Study on the Language Ecological Change and Cultural Adaptation Mechanism in the Multi-ethnic Blended Region

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ABSTRACT

This paper focuses on multi-ethnic blending areas, and discusses the mechanism of language ecological change and cultural adaptation. Through theoretical analysis and other methods, this paper combs the characteristics of language ecology in multi-ethnic blending areas, and explains the influencing factors, models and theoretical models of language ecological changes. This paper analyzes the connotation, level and theoretical basis of cultural adaptation mechanism, and discusses the correlation between them in detail. It is found that social development, economic change and other factors promote the ecological change of language, showing gradual and sudden patterns; Cultural adaptation is carried out at material, institutional, spiritual and cultural levels, and is supported by multi-disciplinary theories such as culturology, sociology and psychology. Language ecological change promotes cultural adaptation by spreading cultural concepts, while cultural adaptation reacts to language ecological change by giving birth to new words and influencing language choice. This study provides a theoretical basis for formulating scientific language and cultural policies, maintaining cultural diversity and promoting exchanges and unity among ethnic groups in multi-ethnic areas.

Keywords: *Multi-ethnic blending area, Language ecological change, Cultural adaptation mechanism, Correlating with each other.*

1. INTRODUCTION

Multi-ethnic blending region has always been an important field for cultural and language research. At the moment when the process of global integration is accelerating, the language ecology and cultural adaptation in such areas have attracted much attention from academic circles [1]. Because of its unique geographical, historical and social environment, the multi-ethnic blending region has gathered many ethnic groups and their languages, forming a complex and diverse language ecosystem. These areas are like micro-worlds, which truly and vividly reflect various phenomena in the process of communication, collision and integration of different national languages [2]. The concept of language ecology puts language under a framework similar to that of natural ecology, emphasizing the interdependence and mutual influence between language and its environment [3]. In multi-ethnic areas, the complexity of language ecology is more prominent, involving competition and symbiosis between multiple languages.

With the development of the times, multi-ethnic blending areas are experiencing profound social changes [4]. Many factors, such as economic globalization, the acceleration of urbanization and the popularization of education, have jointly promoted the changes of language ecology in these areas [5]. This change is not only reflected in the change of language use scope and frequency, but also reflected in the change of language function and the challenges faced by language inheritance [6]. At the same time, the cultural adaptation mechanism also plays a key role in the process of multi-ethnic interaction. In contact and communication, different nationalities will inevitably make adjustments to different cultures. This adjustment involves not only the material level, but also the spiritual fields such as values and ways of thinking.

It is of great theoretical and practical significance to study the language ecological change and cultural adaptation mechanism in multi-ethnic blending areas. From a theoretical point of view, it is helpful to enrich and improve the theoretical system of language ecology, culturology and other related disciplines, and provide a new perspective for cross-cultural research. On the practical level, it can provide theoretical basis for formulating scientific and reasonable language policies and cultural policies, and help multi-ethnic areas realize the harmonious development of language and culture. Based on this, it is urgent to carry out in-depth research on the language ecological change and cultural adaptation mechanism in multi-ethnic blending areas.

2. THEORETICAL EXPLANATION OF LANGUAGE ECOLOGICAL CHANGE

The ecological change of language is influenced by many factors. Social development is an important force to promote the ecological change of language. The progress of society has brought about changes in lifestyle, and new professional and social scenes have emerged constantly, which has prompted changes in the use of language [7]. Economic change also has a profound impact on language ecology. In areas with frequent economic exchanges, the use of common business languages will gradually expand, while the use of some minority languages may decrease accordingly. With the increase of trade, the language of a certain ethnic group with economic advantages may be more widely spread in the region.

The ecological change of language presents different patterns. Gradual change is a common one, which occurs gradually with the slow development of society and economy. The vocabulary and grammar of a language will gradually evolve over a long period of time, for example, the semantics of some words have changed slightly in long-term use [8]. Sudden changes are often triggered by major historical events, such as wars and mass migration. These events will change the population structure and cultural environment in the region in a short time, leading to a rapid change in language ecology, which may make a certain language become the dominant language in a short time, or make some original languages endangered.

In order to better understand the language ecological changes in multi-ethnic blending regions, we can construct corresponding theoretical models. The model should include social, economic, cultural and other key factors, as well as the evolution law of language itself. The interaction between the elements jointly affects the direction and speed of the change of language ecology [9]. For example, cultural exchange promotes language integration, and language integration will react to culture and further promote cultural adaptation. In this dynamic process, the language ecology continues to change. With the help of this model, we can analyze the phenomenon of language ecological change more systematically and comprehensively, and provide strong theoretical support for the follow-up research.

3. CULTURAL ADAPTATION MECHANISM

Cultural adaptation refers to the process of cultural adjustment made by one or both parties to adapt to the new environment in the process of contact between different cultural groups [10]. This concept occupies a core position in the study of multi-ethnic blending regions. Cultural adaptation involves not only the interaction between different cultures, but also the psychological and behavioral changes of individuals and groups in the new cultural environment.

Cultural adaptation has many levels, from material culture to institutional culture, and then to spiritual culture, showing the characteristics from the outside to the inside. On the material and cultural level, the modes of production and daily necessities of all ethnic groups will change in mutual contact. For example, in a multi-ethnic blending area, the people who used to live on nomadism gradually introduced some farming tools and changed some production methods after contacting with the farming people. At the level of institutional culture, it involves the adaptation of social norms and organizational forms. The customs, habits and legal systems of different nationalities interact with each other, which promotes the formation of a new social order in the region. The spiritual and cultural level is the most in-depth part of cultural adaptation, including changes in values, beliefs and ways of thinking. This level of adaptation is often more difficult and lasting. For example, “Table 1” shows the performance of cultural adaptation levels in multi-ethnic blending regions. Different levels of cultural adaptation are influenced by many factors, and they are embodied in real life.

Table 1. Comparison of cultural adaptation levels in multi-ethnic integration areas

Cultural Adaptation Level	Core Manifestations	Main Influencing Factors	Specific Examples	Adaptation Speed	Scope of Impact on Groups
Material Culture	Changes and integration of production and living materials	Technological exchanges, economic interactions	Nomadic ethnic groups adopting farming irrigation tools	Relatively fast	Mainly groups engaged in related production and living
Institutional Culture	Adjustments in social norms and organizational forms	Political guidance, social interactions	Community management norms integrating multi-ethnic characteristics	Moderate	Involves the entire community group
Spiritual Culture	Transformations in values and ways of thinking	Education popularization, cultural dissemination	Acceptance of modern art aesthetic concepts by ethnic minority youth	Relatively slow	The affected group gradually expands to the entire ethnic group

The mechanism of cultural adaptation has a profound theoretical foundation. The theory of culturology emphasizes the relativity and pluralism of culture, and holds that different cultures have their unique values and should respect and understand each other in cultural contact. This provides macro-theoretical guidance for cultural adaptation, and urges all ethnic groups to accept other ethnic cultures while maintaining their own cultural characteristics in the process of adaptation. Sociological theory focuses on the relationship between social structure and cultural adaptation, and holds that the interaction mode and power structure of social groups will affect the process of cultural adaptation. From the perspective of individual psychology, psychological theory studies the psychological changes of individuals in the process of cultural adaptation, such as cultural shock and cultural identity. In the face of a new culture, individuals may experience confusion and anxiety, and gradually establish a new cultural identity. The theories of these different disciplines complement each other and jointly construct the theoretical system of cultural adaptation mechanism.

4. LANGUAGE ECOLOGICAL CHANGES AND CULTURAL ADAPTATION MECHANISM

The change of language ecology plays an important role in promoting cultural adaptation. As an important carrier of culture, language changes often lead the direction of cultural adaptation. When the scope of use of a language in a region expands or its functions change, the cultural elements related to it will also spread. For example, with the popularization of common language in the field of education in multi-ethnic areas, modern scientific knowledge, values and other new cultural contents based on this language are gradually accepted by all ethnic groups, which accelerates the process of cultural adaptation. From the lexical level, the introduction of new words reflects the exchange and integration of cultures, prompting people to make adjustments in their way of thinking and cognitive level to adapt to the changes in this language and culture. On the contrary, the cultural adaptation mechanism also has a negative effect on the ecological change of language. In the process of cultural adaptation, the mutual acceptance and integration of different national cultures will change the structure, function and use of language. When a nation accepts some values or lifestyle of another culture, it may create new words corresponding to it and enrich its own language. Moreover, the degree of cultural adaptation will affect the frequency and occasions of language use. If a certain ethnic group adapts well to other ethnic cultures, their willingness to use other ethnic languages may increase, thus changing the language use pattern in the region. “Table 2” shows the relationship between language ecological change and cultural adaptation mechanism.

Table 2. Correlation Table of Language and Culture

Correlation Direction	Language Ecology Change Manifestations	Cultural Adaptation Manifestations	Degree of Impact	Typical Cases	Long-term Impact
Language Influencing Culture	New vocabulary integrating into the common language	Corresponding cultural concepts being accepted	High	The popularity of the term "e-commerce" in business lingua franca and the recognition of e-commerce operation concepts	Changes economic activity thinking and patterns
Culture Reacting on Language	Cultural fusion creating new vocabulary	Enriching the language expression system	Relatively high	The term "Hu-Han stew" emerging from the fusion of food cultures	Increases linguistic and cultural connotations
Language Influencing Culture	Expansion of specific language functions	Expanding the scope of cultural dissemination	Medium	Using religious language in cultural research courses	Enhances awareness of religious culture
Culture Reacting on Language	Cultural identity changing language selection preferences	Affecting language usage frequency and scenarios	Medium	Using English more frequently to discuss popular topics due to popular culture identification	Changes the distribution of language communication scenarios

The interaction between them runs through all aspects of social life in multi-ethnic areas, and this close relationship can be felt in cultural communication, language evolution, and people's daily communication and cultural choice. This correlation not only profoundly affects the cultural development and language inheritance of all ethnic groups in the region, but also has far-reaching significance for the social harmony and cultural diversity protection of the whole multi-ethnic blending region.

5. CONCLUSION

In terms of language ecology, the multi-ethnic blending region has formed a complex and diverse language ecosystem due to its unique geographical, historical and social environment. Social development, economic change and other factors have a significant impact on the changes of language ecology, and its change modes include gradual and sudden. By constructing a theoretical model, we can more systematically understand the dynamic process of interaction among various elements in the ecological change of language. The mechanism of cultural adaptation is also complex and diverse. Cultural adaptation covers many levels, such as material culture, institutional culture and spiritual culture, and is influenced by many factors at different levels, such as technology communication, social communication and education popularization. From the theoretical basis, multi-disciplinary theories such as culturology, sociology and psychology jointly provide comprehensive support for the cultural adaptation mechanism.

The ecological change of language is closely related to the cultural adaptation mechanism. Language, as an important carrier of culture, its changes drive the spread of cultural concepts and promote the process of cultural adaptation. Cultural adaptation also reacts to language ecology. Cultural integration gives birth to new words, and cultural identity affects language choice, thus changing the pattern of language use.

These research results are of great significance to the development of multi-ethnic areas. Theoretically, it enriches and perfects the system of related disciplines such as linguistic ecology and culturology, and provides a new perspective for cross-cultural research. In practice, it provides a theoretical basis for formulating reasonable language and cultural policies. Policymakers can protect and inherit the languages and cultures of all ethnic groups and promote the harmonious development of languages and cultures according to the laws of language ecological changes and cultural adaptation. At the same time, it also helps to enhance mutual understanding and exchanges between ethnic groups and maintain cultural diversity. In the future research, it is necessary to further explore the specific interaction details of the two in different scenarios and how to apply the theoretical results to practice more effectively.

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