# Improvement measures of Urban Smart Community Construction in China

**Jianwen Liu**

Law School of Shandong University of science and technology, Shandong Zibo 255000

**Abstract:**

At present, with the acceleration of the Internet informatization process, the rapid development of intelligent equipment, and the development of smart city, the construction of smart community has become an essential link.However, although network information technologies such as big data can easily build smart communities, it also bring unprecedented challenges to the construction of smart communities.Using the new public management theory, the new public service theory and the governance theory, this paper deeply analyzes and discusses the current situation and causes of the intelligent community construction in China, and puts forward its own feasible countermeasures.At present, the intelligent community construction has made great progress, mainly reflected in: community infrastructure construction, community planning increasingly standardization, systematic, management more refined, intelligent, community evaluation mechanism increasingly scientific, democratization, etc., but also exist the urban intelligent community construction system support, information security law does not reach the designated position, intelligent construction and professional construction needs to be strengthened.

*Key Words: Smart community; Community Governance;Urban smart community; Intelligent community construction*

Under the general trend of artificial intelligence development and actively responding to the national policy call on building a "smart city", new and old real estate and real estate properties across the country are holding high the slogan of creating a "smart community". Driven by the Internet of Things, under the rapid development of smart devices, with the continuous advancement and development of smart cities, the construction of smart communities will also become an indispensable part of us.

## 1. Strengthen institutional support and enhance the diversification and cooperation of construction subjects

There are two contents in the institutionalization construction of community information: one is to strengthen the information security guarantee system; That is, a forward-looking security protection must be carried out on the information system or information platform to prevent the data from being invaded by external forces; Second, improve the management and operation system of information security.

Strengthening the diversification and cooperation of construction subjects

The government should face up to its leadership advantages in the construction of smart communities. In the process of building an intelligent community, top-level design is very important. Therefore, we should combine the reality, change the traditional management concept, expand the international vision, actively learn the advanced experience and construction concept, take the essence and discard the dross, and constantly improve our top-level design. First, it is necessary to ensure the progressiveness and feasibility of the project. Secondly, in order to ensure the data security and properly use the data information during the

operation of the system, in order to prevent the personal privacy information from being leaked, the authority of information use shall be properly set to ensure the user's information security. Second, we should vigorously publicize and promote smart communities. In order to further more people understand and pay attention to smart communities, the government can publish relevant policies on various platforms, so that more people can understand and pay attention to smart communities, and call on more social organizations to join in the construction of smart communities.

## 1.2 Continuously improve the institutionalization level of community construction management

Promote the construction of community leadership system. In order to promote the process of building smart communities, first, we should give full play to the leadership role of the government and establish various coordination mechanisms to improve the governance level of the government. Second, we should carry out institutional reform, integrate the functions of various departments, establish a new institutional structure, draw a clear line of responsibility, and provide a guarantee for the construction of smart communities.

## 1.3 Establish and improve the social participation program system

In the construction of smart communities, we should actively carry out special consultation and democratic consultation, and fully absorb the opinions and suggestions of residents. In the planning, design and project management, it is necessary to continuously tap community backbone with community service awareness and professional skills. In addition, in the participation and construction of intelligent communities, community residents play a pivotal role in the participation and construction. Improve the participation mechanism of community residents, so that they can enjoy intelligent services more conveniently and have a sense of belonging and identity to the community.

## 2. Improve the legal construction level of Urban Smart communities
## 2.1 Strengthening the legal guarantee of information security

The construction of intelligent community should have both institutional guarantee and strengthening the rule of law and perfecting corresponding laws and regulations in the construction process. In the process of promoting the construction of smart communities, it is necessary to have the active participation of all parties, especially to give full play to the decisive role of the market. This is a great opportunity and challenge for us. The market itself has the characteristics of spontaneity, blindness and lagging, which can improve the enthusiasm of the construction subject. However, once the market is involved, it is bound to chase the economy to some extent, thus ignoring and damaging the rights and interests of community residents. Therefore, relevant laws and regulations on personal data confidentiality must be improved.

## 2.2 Strengthening the legal concept of the construction subject

Pay attention to legal training, and community workers should know and understand the law. In order to be more loyal to the intelligent community work and better serve the community residents, the staff must have excellent professional quality, clearly know the boundaries of open and shared public information, and cannot use their positions to steal the personal privacy of others.We will intensify the publicity of law popularization and improve the legal awareness of community residents. In daily life, we should not only pay attention to protecting our personal information from being stolen, but also learn to restrain ourselves from exploring others' privacy at will. Don't spread other people's information arbitrarily through the Internet and other channels. The Internet is not a place outside the law. We should abide by the law and discipline in community activities. Be an excellent citizen through self-education, self-management, self-service and self-discipline, and contribute to the construction of a smart community.

## 3.Rational use of capital and technology to improve the level of intelligence
### 3.1Increase capital investment and attract social capital to participate

Encourage other market entities to participate in investment and construction. The establishment of an intelligent community is not an overnight thing, it is a long-term process involving all aspects. It is also impossible for the government to do everything in person, especially in some places, and it is not very proficient. Therefore, on the basis of giving play to its leadership role, through the guidance and support of policies, the government can promote the active investment of enterprises, make full use of its own advantages, make great efforts in its own professional fields, and make its own contributions to the construction of intelligent communities.

### 3.2 Break through the information island and open and share data resources

In order to use big data to build smart communities, we need to have a comprehensive understanding of the openness of big data. At the same time, we should strengthen the collaborative management of the government, network enterprises, communities and residents. First, from the perspective of the government, we should first adhere to the service concept of "people first". Let residents have more opportunities to express their wishes and safeguard their legitimate rights and interests; Secondly, establish the concept of "cooperative governance". The construction of smart communities is a comprehensive and complex project, which involves both inside and outside the system. It is necessary to encourage non-governmental organizations to actively participate, play the role of "supervisor" as much as possible, and reduce direct interference in the construction of smart communities; Second, from the perspective of network companies, we should give play to our own technological advantages and actively participate in the construction of smart communities; Third, from the perspective of the community, based on the grass-roots level, serve the community residents. In the construction of smart communities, it is not the so-called "face saving project" to make full use of modern network technology, conduct in-depth cooperation with the government, and let the development of smart communities; Fourth, from the perspective of community residents, strengthen their participation in the community, and use the information platform of the Internet to better express their rights and demands.

More and more social groups are gradually growing, and they also put forward higher requirements for their own rights. In today's information age, this is undoubtedly a great opportunity. Therefore, with the joint participation of the government, communities, residents and other forces, we must establish a more complete cooperation system, and on this basis, clarify the responsibilities and obligations of all parties, and jointly build a harmonious social governance pattern of common governance and sharing.

## References

1. CHAI Yanwei,GUO Wenbo. The Intelligent Path of Urban Community Management and Service in China[J].Progress in Geography,2015,34(04):466-472.
2. SUN Wenping,ZHU Weiqun,ZENG Junping. A Review of Research on Modern State Governance Theory[J].Local Finance Research, 2015(07):11-15
3. Xu Xin. Research on the Governance Mechanism of Urban Smart Community in Big Data Environment[J].Reform and Opening-up, 2021(17):27-36.
4. Hou Lumin. Construction and Optimization of Urban Smart Community Governance System in the Era of Big Data[J].China Science and Technology Information, 2021(07):105-106.