
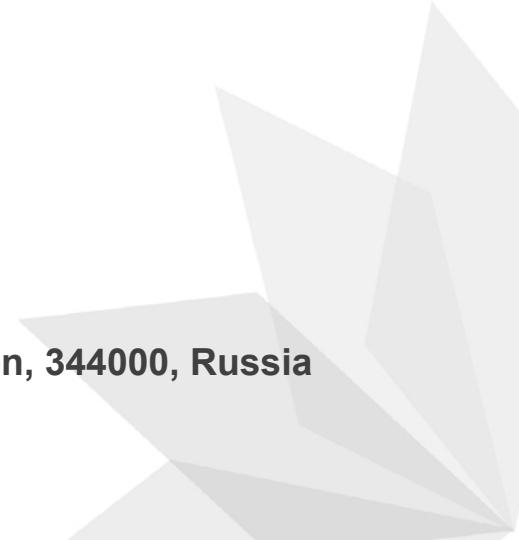




The Application of Spatial Information Technology in the Rural Elderly Care Model under the Strategy of “Building a Country with a Strong Transportation Network” in China



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Introduction



With the increasing aging problems of China's population, intensifies the pressure on elderly care in urban and rural areas. The challenges and opportunities of China's pension industry development coexist. On the other hand, with the rapid development of Computer Technology, Information and Communication Technologies, the integration of people, vehicles and roads has opened up a new perspective for studying the relationship between transportation and economic development. Starting from the background of the China's Strategy of "building a country with a strong transportation network", this article analyzes the demand for Information Technology in Transportation, especially Spatial Information Technology, of rural elderly care model. In order to accurately promote the development direction and effectiveness of social elderly care, it is proposed to apply the technology of space-air-ground full-cycle observation of Remote Sensing and BeiDou. From the point of view of urban-rural integrated development, explore how rural elderly care should rationally allocate urban and rural resources, improve the pension system, and the development of transportation information technology, so that the construction of both elderly care and transportation can become mutually beneficial and coordinated factors of joint development.



Current situation, trends and China's elderly care models in urban and rural areas

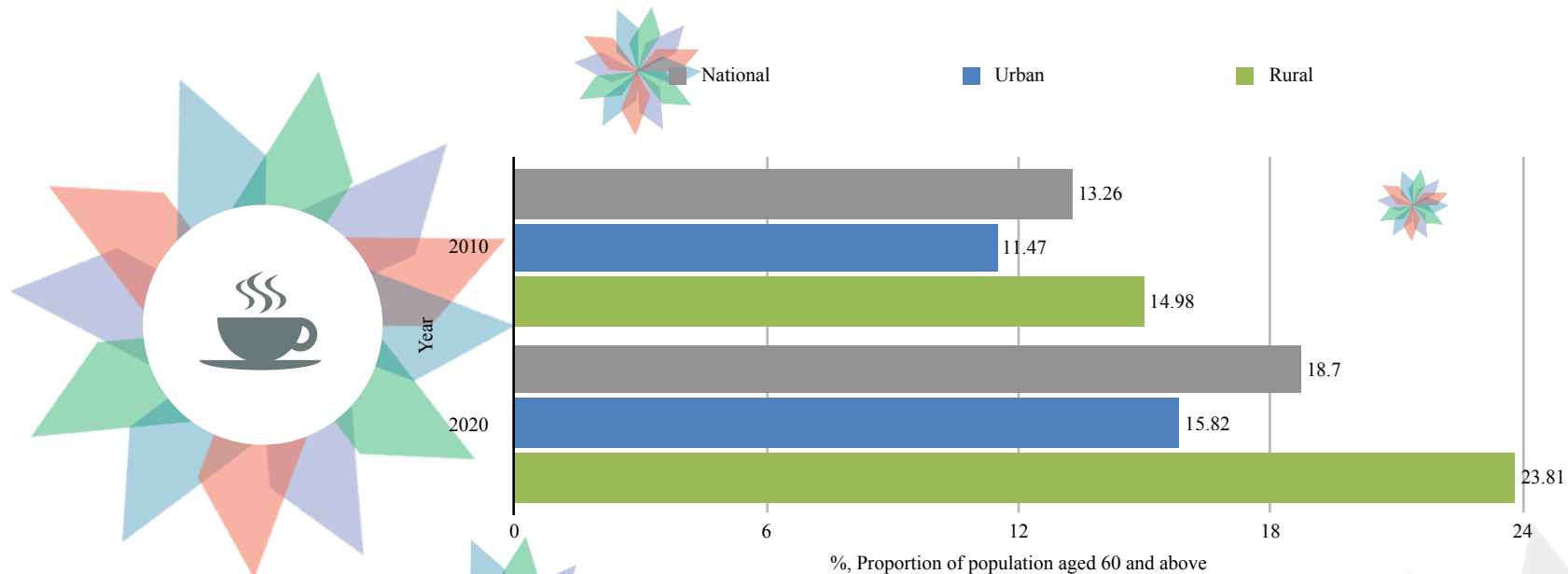


Fig. 1. Comparison of China's urban and rural aging population in 2010 and 2020. Data source: China's 2010 Census Information (National Population Census), Communique of the Seventh National Population Census. National Bureau of Statistics of China.



The demand and application of Spatial Information Technology in the rural elderly care model

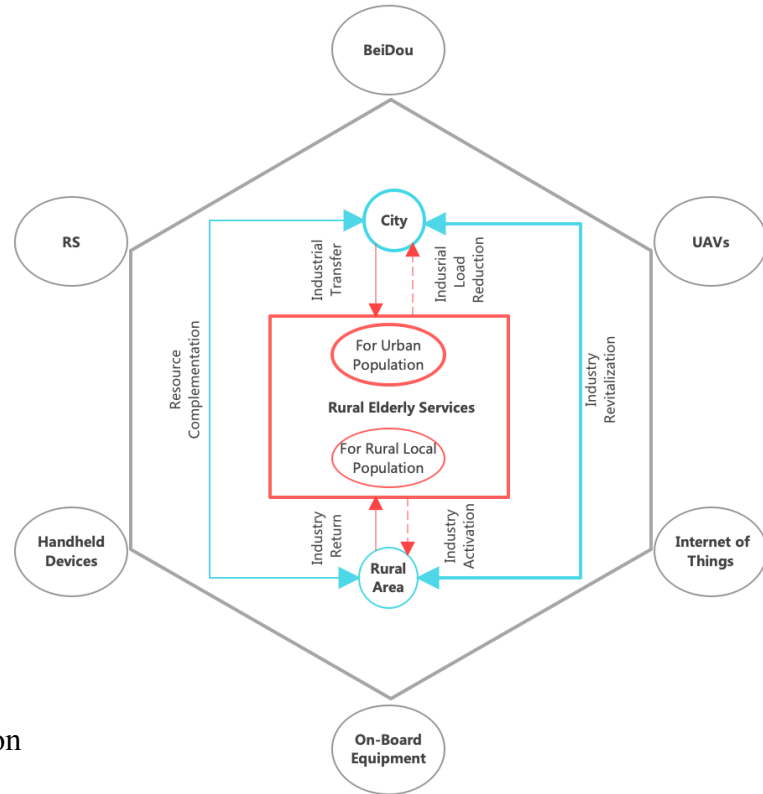


Fig. 2. Interactive mechanism of the rural elderly care model under the mode of space-air-ground co-observation transportation



Thank you!