

## **Reproduction of the population of Kazakhstan in the data of the UN DESA Population Division and analysis of its forecasting estimate results from the years 1994-2019**

### **Abstract**

This thesis provides an analysis of the population of Kazakhstan and its reproduction characteristics since 1950 using United Nations World Population Prospects (UN WPP) data from 1994—2019. This analysis includes a comparison of estimates of population size, age—sex structure, and selected fertility, mortality and migration indicators, an analysis of differences in population figures across various datasets, and a comparative examination of UN WPP projections (medium fertility scenario) since 1994 against historical UN WPP estimates and the official demographic statistical data of Kazakhstan. Based on careful analysis, this study identifies differences between projected and actual population figures, revealing both overestimations and underestimations at different times. By tracing demographic trends in Kazakhstan from 1950 onwards and estimating the accuracy of the UN WPP medium fertility scenario projections, this thesis aims to emphasize the importance of context-specific data in demographic forecasting.

**Keywords:** population reproduction, population development, Kazakhstan, UN data, historical estimates, prognostic results, differences