Modern Azerbaijan has traveled a complicated and at the same time, honorable path in the 20 years of its independence. The country’s achievements in the socio-economic sphere are also reflected in the improving assessments of the Azerbaijani economy by international rating agencies (Fitch Ratings, Moody’s, Standard & Poors). In the report “Doing Business” prepared by the World Bank and International Finance Corporation, Azerbaijan’s position improved, and the country took the leading position among the CIS and regional countries in the Global Competitiveness Report of the World Economic Forum.

The information and communication technologies that rapidly developed and spread in the first decade of the 21st century and the processes of globalization that received a new impetus in this regard are seriously affecting the socio-economic life of various countries. In this sense, Azerbaijan is no exception. Factors of a global and planetary nature are penetrating the flow of processes almost in all the spheres of the country’s life – economic, social, political, humanitarian-cultural, etc.

In his presentation author considers some challenges which burned by the strategic view and main priorities of Azerbaijan for the future years. He tries to show the leading role of geospatial information management for achieving these goals. In this context he proves the necessity of developing core global geodetic datasets by the following reasons: i)Azerbaijan is a boundary country between Europe and Asia; ii)unification is necessary for the GIS developed by the different companies for the different agencies and for developing and maintaining of NSDI; iii)only common approach can help in the preventing of natural disasters and etc. Presenter describes some steps from the experience of the State Land and Cartography Committee at the Republic of Azerbaijan to address this challenges: i)developing a special Technical Committee; ii)taking an active part in UN-GGIM and other international initiatives; iii)using new technologies in geospatial information management for sustainable development and etc.