

Norwegian Support to Land Sector in Kyrgyzstan – Preparing Geographic Information for Statistics and Sustainable Development Goals

Busch Elena, Onsrud Helge (Norway) and Almaz Abdiev (Kyrgyzstan)

Key words: Access to land; Cadastre; Digital cadastre; e-Governance; Geoinformation/GI; Implementation of plans; Land management; Photogrammetry; Professional practice; Security of tenure; Official development assistance, sustainable development goals, development cooperation, geographic information

SUMMARY

Norway is one of the countries committed to grant at least 1% of its gross national income to development assistance.

With the funds provided by the Ministry of Foreign Affairs, the Norwegian Mapping Authority - Kartverket has supported the State Registration Service with the development of land sector in Kyrgyzstan since 2013.

With a total grant of 1,4 mill USD, the project implemented during 2013-2016 delivered tangible results: Completed the network for accurate positioning services; finalized the conversion of paper maps into digital format for local registration offices; and developed specifications for a new IT system for registration of property rights and cadastre.

Since December 2017, a new project with the total budget of 2,5 mill USD has been started, where Kartverket and the State Registration Service cooperate with Statistics Norway and National Statistic Committee of Kyrgyzstan, committed to deliver up-to-date geographic information for statistics, to support national elections and the national population and housing census of 2020; the reporting on the SDGs, and land administration decision-making. The current project is given a high political priority by the Kyrgyz Government.

The aerial photography will be done in 2019. Three areas of main economic interest selected for the project - Chui region, Fergana valley and the coastline of Issyk-Kul Lake, will be photographed with GSD of 20 cm and the greater Bishkek – with GSD of 10 cm.

Based on the imagery, new topographic maps will be constructed for the greater Bishkek area.

Norwegian Support to Land Sector in Kyrgyzstan – Preparing Geographic Information for Statistics and Sustainable Development Goals (10170)
Busch Elena, Onsrud Helge (Norway) and Almaz Abdiev (Kyrgyzstan)

FIG Working Week 2019
Geospatial information for a smarter life and environmental resilience
Hanoi, Vietnam, April 22–26, 2019

The project is a joint cooperation with professional parties, such as State Geodetic Service “Goskartografia” and the Asian-American University in Bishkek that will be involved in the quality control of the deliverables.

The Asian-American University assists with the development of an open geodetic reference framework and coordinate system for Kyrgyzstan.

The data will form a basis for establishment of the National Spatial Data Infrastructure in Kyrgyzstan, and will be publicly available on the Internet via a geoportal that will be developed in the project. The data will be used for preparation of statistics, targeting data for implementation and reporting on the new sustainable development goals, general area planning, and improvements to the cadaster etc.

Norwegian Support to Land Sector in Kyrgyzstan – Preparing Geographic Information for Statistics and Sustainable Development Goals (10170)
Busch Elena, Onsrud Helge (Norway) and Almaz Abdiev (Kyrgyzstan)

FIG Working Week 2019
Geospatial information for a smarter life and environmental resilience
Hanoi, Vietnam, April 22–26, 2019