

# MODELS, METHODS, PLATFORMS AND TECHNOLOGIES OF CROP PRODUCTION COORDINATED CONTROL



**Petr O. SKOBELEV**, Doctor of Technical Sciences, Head of Electronic Security Systems Department

**Denis S. BUDAEV**, Vice-Director of the Regional Scientific Center "Information Security"

**Georgiy Yu. VOSHCUK**, Software engineer of the Regional Scientific Center "Information Security"



## OBJECTIVES

Wheat production of higher grades, support of agricultural producers in capturing a promising market, increasing efficiency of spending budgets at all levels, ecological restoration of soils for future generations, improving the quality of products and business efficiency, reducing control complexity, accelerating the transition to advanced technologies

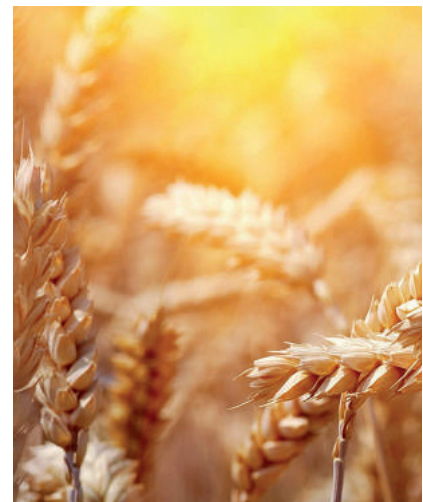


## AREAS OF USE

Agriculture, Ecology

## IMPLEMENTATION

The project was implemented at the agricultural enterprises of Rostov and Samara Regions.



The project is based on multi-agent technology, which allows to present the agricultural enterprise control process as a decision-making process, its evaluation by the "value/cost" ratio and coordination at a virtual "round table" in an interdisciplinary team of experts on soils, fertilizers, plant protection products, etc.



## PECULIARITIES

The project combines advanced scientific and technological solutions in the field of crop production under control of innovative automated system.



## CONTACTS

8 (846) 279-37-79  
8-961-384-84-84  
esib@samgtu.ru



## CORE COMPETENCIES

#INTELLIGENT SYSTEMS, #MULTI-AGENT TECHNOLOGIES, #REAL-TIME ECONOMY