

## **RESEARCH RESULTS AND NEW CONTRIBUTION OF THE THESIS**

Full name of postgraduate: Dinh Doan Tu

Thesis's title: Management of new urban area project construction plan in Vietnam

Major: Urban and work management - Code: 62.58.01.06

Scientific instructors: 1. Assoc. Prof., Dr. Trinh Quoc Thang  
2. Assoc. Prof., Dr. Bui Manh Hung

### **Research results and new contribution of the thesis**

- Analyze the overall management of new urban area construction plan in Vietnam.

- Analyze the current status of management of new urban area construction plan in Vietnam, focusing on the preparation and control of construction plan.

- Review legal and scientific basis for the preparation and control of construction plan.

- Determine the construction sequence of the works of new urban area to ensure the efficiency and achieve desired goals by means of forecasting and multiple regression to forecast market demand for the products of new urban area project, in combination with the dynamic planning problem by Bellman retrieval method.

- Prepare the project schedule by the Fuzzy logic method.

- Develop a method of monitoring and evaluating the construction process of new urban area project through measuring and forecasting costs, construction schedule at the time of updating by overcoming the disadvantages of the earned value management (EVM) and earned schedule (ES).

**Scientific instructor 1**

**Scientific instructor 2**

**Postgraduate**

**Assoc. Prof., Dr. Trinh Quoc Thang**

**Assoc. Prof., Dr. Bui Manh Hung**

**Dinh Doan Tu**

