

Thi Thanh Thuong Dang



KEY-WORDS:

Production risk · Climate shocks · Crop production

PROJECT TITLE

Exploring the agricultural risks under the provision of ecosystem services: substitute or complement?

Research questions

1. To what extent does pesticide and fertilizer application impact crop yield variability and to what extent does yield variability impact the use of fertilizers and pesticides?
2. Do direct payments complement or substitute for crop insurance to enhance economic performance of farms and reduce production risk?
3. What are farmers' preferences and willingness to pay for weather-index insurance?

Main Results

Findings from the analysis are expected to explain the variability in production, chemical use, and revenues of on-farm activities. The outcomes are also predicted to clarify the inter-relationship between direct payments and crop insurance as well as the feasibility of introducing private weather-index insurance to farmers.

Research Contribution

The project will contribute to the Common Agricultural Policies by providing practical evaluations of the current policies and alternatives offered by private agricultural companies.

Collaborations

Condifesa Piacenza

Italian Agricultural Accounting Information Network (RICA)

PROFILE

I am a second-year Ph.D. student in Agricultural and Food Economics focusing on risk assessment on crop production in Italy. Having an international background helps to develop my interdisciplinary thinking in research.

AFFILIATION

Department of Agricultural and Food Economics, Università Cattolica del Sacro Cuore, Piacenza

LANGUAGES



Mother tongue



Level C2



Level A2

HOW TO REACH ME

Email Address:

thithanhthuong.dang@unicatt.it

Linkedin:

<https://www.linkedin.com/in/thi-thanh-thuong-dang-5b1490155/>

Reference Contact

Prof. P. Ajmone Marsan

Prof. Paolo Sckokai

Dr. Linda Arata

Why should you care?

One of the prominent risks in agriculture is unexpected changes in production, affecting food security. Production risk is related to the uncertain natural growth of the agricultural production processes, which is affected by pests, diseases, variable climatic conditions, and farmer's practices. Besides public sectors, private companies also propose solutions to mitigate yield losses and help farmers to cope with production risk.