



AGRICULTURAL UNIVERSITY - PLOVDIV
4000 Plovdiv, Bulgaria 12, Mendelev Blvd.
tel. +359/32/654300 www.au-plovdiv.bg



Research and Innovation Profile

General information

Description

Title of the research entity/group

**CLIMATE CHANGE AND SUSTAINABLE
AGRICULTURE**

Field of expertise

**/in conjunction with Horizon
2020-Societal Challenge 2 (SC2):
'Food Security, Sustainable
Agriculture and Forestry, Marine,
Maritime and Inland Water
Research and the Bioeconomy'/**

Climate action, environment, resource efficiency and raw materials.
Actions and collaboration in the field of climate change, environment
and agriculture.

Research products and services provided by the entity/group

- All aspects related to the influence of weather and climate on crops, agroecosystems, plant diseases and pests;
- Research on climate change at the global, regional and local level;
- Assessment of extreme meteorological phenomena and natural disasters;
- Abiotic stress;
- Climate change and sustainable agriculture;
- Relationship between weather, climate change, biodiversity, agriculture and ecosystems services.

Participation in previous/ ongoing H2020 or other EU projects

National Scientific Program "Healthy Foods for a Strong Bio-Economy and Quality of Life" of Ministry of Education and science of Bulgaria /<http://www.nnp-food.au-plovdiv.bg/>



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Number of researchers involved /including young researchers e.g. doctoral, post-doctoral, habilitated, etc./

Researchers from the Department of Botany & Agrometeorology:
1. Assoc. Prof. Dafinka Ivanova, PhD. – Head of the Department;
2. Assoc. Prof. Kalinka Kouzмова, PhD.

Research infrastructure used

Experimental training field of the Agricultural University;
Synoptic station – Plovdiv,
National Institute of Meteorology & Hydrology;

Profile of the leading researchers in entity/group

**Meteorology & Agrometeorology;
Climatology & Hydrology;
Biometeorology & Bioclimatology;
Climate change, environment and sustainable agriculture;
Ecology and ecosystems protection.**

In which calls of Horizon 2020-SC2 or Horizon Europe the entity/group is ready to participate and how

Horizon 2020:
Call - Sustainable Food Security:
Environment and climate-smart food production and consumption
LC-SFS-19-2018-2019: Climate-smart and resilient farming
Climate action, environment, resource efficiency and raw materials:
5. Humans of climate change; Relationship between climate change, biodiversity and ecosystem services.
Horizon Europe:
Cluster Climate, Energy and Mobility
Cluster 6: Food, Bioeconomy Natural Resources, Agriculture and Environment
Partnership: Environmental Observations for a sustainable EU agriculture (Agriculture of data)

Research entity/group contact person /name, postal address, e-mail, phone number/

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