

Subject: Exchange of know-how and experience between FoA and IHMS

Place: Podgorica, Montenegro

Date: 22nd February to 26th February, 2016

Procurement plan: Training, line 5

Training visit to Podgorica is planned to provide a five-day meeting with training on CC assessment skills to LOVCEN project researchers. The training will take place at Biotechnical faculty.

Training visit goals and activities WP 1 f and WP 2 c

Important issue which is foreseen as LOVCEN project goal is assessment of CC effects in Montenegro with particular attention devoted to Climate change impact on MV and MBD, adaptation and mitigation. This training targets expert from BTF and IHMS which should improve their skills related to assessment of current and future state of climate change impact on agricultural production and insects appearance in the region of Montenegro. This training also should equip them with executive knowledge related to application of CC assessment tools, application on past and future climate data and analysis of results.

Through a combination of discussions, presentations and exercises the training provides the following learning outcomes:

- to know how to prepare input data for models used in assessment studies
- to improve basic knowledge related to models application
- to access possibility of numerical weather prediction use for short term studies
- to improve knowledge related to presentation and analysis of results

This training has three main topics.

- ***Agrometeorological indices.*** During this part of meeting with experts, will be discussed and selected agrometeorological indices best describing agrometeorological conditions of Montenegro. Its relative change will be calculated and presented in form of tables and maps.
- ***Current state of vulnerability to *Aedes albopictus*.*** As an introduction to topic, an overview of model for prediction of climatic suitability for the establishment of the Asian tiger mosquito (*Aedes albopictus*), will be made. Results obtained for 1981-2010 climatological period will be presented for Montenegro, as well as results obtained for 1971-2000 period for Serbia.
- ***Exercises:*** Comparison of agrometeorological indices and regional vulnerability to *Aedes albopictus* will be made and used as a good starting point in this analysis.

Main goal of this visit is to make analysis of obtained results and design future numerical simulations related to assessment of climate change impact on future vulnerability of Montenegro region to the Asian tiger mosquito (*Aedes albopictus*) .

Arrival date: 21st February, 2016

Departure date: 26th February, 2016