

MNE-HERIC-81180-LOVCEN**Surveillance of invasive and native mosquito vectors and pathogens they transmit in Montenegro**

WP: 1f and 2c

Date:

**Report on training course at University of Montenegro, Biotechnical Faculty,
21st to 26th February, 2016**

The six-day visit to Podgorica was divided into the following tasks:

Sunday, 21th February:

Arrival in Podgorica, discussion with Dr Igor Pajovic about plans for the five-day training course and technical arrangements about facilities and meeting with experts from IHMS.

Monday, 22nd - Wednesday 24th February:

During the first day of this visit an resume of past year activities and results was made. Discussion was focused on missing data problem related to comparison of past and future climate in Serbia and Montenegro. During the meeting all participants agreed to:

- a) present past and future climate in Montenegro in the form of Keppen classification and appropriate map which will include land use and landscape in order to underline its impact on CC;
- b) use annual and seasonal precipitation distribution and number of consecutive days without precipitation (dry days) to describe changes in precipitation regime.
- c) future suitability and subsequent seasonal activity of the Asian tiger mosquito, *Aedes albopictus*, was investigated using three mechanistic models with climatic elements obtained from the EBU-POM regional climate model for Montenegro for 2001-2030 and 2071-2100 integration periods.

Thursday, 25th February:

Joint meeting and presentation of H2020 “Serbia for Excell” project in IHMS.

Exercises:

- a) Design of FORTRAN code for precipitation regime analysis for 1961-1990, 1971-2000 and 1981-2010, 2001-2030 and 2071-2100. Comparison of past and future climate.
- b) Three mechanistic models were run with climate model outputs for Montenegro, for 2001-2030 and 2071-2100 integration periods and compared with results obtained for past climate 1961-1990, 1971-2000 and 1981-2010.

Friday, 26th February:

Overview of obtained results and discussion of possible publication of obtained results during the third year of project.

Dr Branislava Lalic, Faculty of Agriculture, University of Novi Sad
26th February, 2016

Signature

