

Symposium on soil health and strategies to restore optimal soil functionality



Date: 14th February 2018

Location:  Agricultural Institute of Slovenia
Hacquetova ulica 17
Ljubljana, Slovenia

Organizer: Project consortium »ReSolVe«

supported by transnational funding bodies, being partners of the FP7 ERA-net project, CORE Organic Plus, and the cofound from the European Commission

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Program

— morning session —

9:00-10:00	Registration	
10:00-10:05	Short Welcome	Andrej Simončič Agricultural Institute Slovenia, direktor
Soil health, the non plus ultra target for sustainable approaches in horti- and agriculture		Session 1 Chair: Hans-Josef Schroers
10:10-10:35	The importance of a proper soil functionality and the effects of possible errors in pre-planting and vineyard cultivation	Edoardo Costantini CREA-AA, Research Centre for Agriculture and Environment, Florence, Italy
10:35-10:50	Mapping soil spatial variability at high detail by proximal sensors	Simone Priori CREA-AA, Research Centre for Agriculture and Environment, Florence, Italy
10:50-11:10	Effects of soil degradation and tillage on abundance and diversity of selected organisms (results from projects PromESSinG / ReSolVe)	Brice Giffard Bordeaux Sciences Agro, France
11:10-11:30	Measuring key viticultural parameters on organic vineyards using non-invasive technologies	Javier Tardaguila University of La Rioja, Spain
11:30-12:00	Discussion and questions to the speakers, Session 1	
12:00-13:30	Lunch break	

Program

— afternoon session —

Session Two: Restoring optimal Soil functionality in degraded areas of vineyards through organic farming. Results of the RESOLVE project		Session 2 Chair: Edoardo Costantini
13:30-13:45	Introduction to the project; Typology of soil degradation in studied vineyards	Edoardo Costantini CREA-AA, Research Centre for Agriculture and Environment, Florence, Italy
13:45-14:00	Effects of soil degradation and organic treatments on grape yield and quality	Javier Tardaguila University of La Rioja, Spain
14:00-14:15	Effect of organic treatments on carbon and nitrogen cycles	Simone Priori CREA-AA, Research Centre for Agriculture and Environment, Florence, Italy
14:15-14:30	Effects of management on topsoil structure	Nadia Vignozzi CREA-AA, Research Centre for Agriculture and Environment, Florence, Italy
14:30-14:45	Effects of organic management on soil ecosystem	Brice Giffard Bordeaux Sciences Agro, France
14:45-15:00	Inferences from inventories of microbes in ecological vineyard settings	Hans-Josef Schroers Agricultural Institute Slovenia Anna Mårtensson, Maurizio Castaldini
15:00-15:20	Coffee break	
15:20-15:35	Nematode indicators as integrative measures of soil quality in vineyards	Silvia Landi CREA-DC, Research Centre for Plant Protection and Certification, Florence, Italy
15:35-15:50	Ecological table grape production in Turkey	Erhan Akça, Semih Tangolar, Mehmet Erdem Kiraz University of Adiyaman, School of Technical Sciences, Turkey
15:50-16:00	Resolve dissemination activities, summary	Emma Fulchin Vitinnov, Bordeaux, France
16:00-16:30	General discussion	Edoardo Costantini

