



# Symposium on soil health and strategies to restore optimal soil functionality



**Date:** 14th February 2018

**Location:**  **Kmetijski inštitut Slovenije**  
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

**formless registration by email to [hans.schroers@kis.si](mailto:hans.schroers@kis.si) until February 07, 2018; no fees**

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|---|---|---|
| 9:30–10:00  | <b>Registration</b>   |   |
| 10:00–10:05   | Short Welcome   | <b>Andrej Simončič</b><br>Agricultural Institute Slovenia, direktor   |
| <b>Soil health, the non plus ultra target for sustainable approaches in horti- and agriculture</b>  |   | Session 1<br>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             | <b>Edoardo Costantini</b><br>CREA-AA, Research Centre for Agriculture and Environment, Florence, Italy                |
| 10:35–10:50   | Mapping soil spatial variability at high detail by proximal sensors   | <b>Simone Priori</b><br>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) | <b>Brice Giffard</b><br>Bordeaux Sciences Agro, France  |
| 11:10–11:30   | Measuring key viticultural parameters on organic vineyards using non-invasive technologies  | <b>Javier Tardaguila</b><br>University of La Rioja, Spain   |
| 11:30–12:00   | Discussion and questions to the speakers, Session 1   |   |
| 12:00–13:00   | <b>Time for Lunch</b>   |   |
| <b>Session Two: Restoring optimal Soil functionality in degraded areas of vineyards through organic farming. Results of the RESOLVE project</b> |   | Session 2<br>Chair: Edoardo Costantini  |
| 13:00–13:15   | Introduction to the project; Typology of soil degradation in studied vineyards  | <b>Edoardo Costantini</b><br>CREA-AA, Research Centre for Agriculture and Environment, Florence, Italy                |
| 13:15–13:30   | Effects of soil degradation and organic treatments on grape yield and quality   | <b>Javier Tardaguila</b><br>University of La Rioja, Spain   |
| 13:30–13:45   | Effect of organic treatments on carbon and nitrogen cycles  | <b>Simone Priori</b><br>CREA-AA, Research Centre for Agriculture and Environment, Florence, Italy                     |
| 13:45–14:00   | Effects of management on topsoil structure  | <b>Nadia Vignozzi</b><br>CREA-AA, Research Centre for Agriculture and Environment, Florence, Italy                    |
| 14:00–14:15   | Effects of organic management on soil ecosystem   | <b>Brice Giffard</b><br>Bordeaux Sciences Agro, France  |
| 14:15–14:30   | Inferences from inventories of microbes in ecological vineyard settings   | <b>Hans-Josef Schroers</b><br>Agricultural Institute Slovenia<br><b>Anna Mårtensson, Maurizio Castaldini</b>          |
| 14:30–14:50   | <b>Coffee break</b>   |   |
| 14:50–15:05   | Nematode indicators as integrative measures of soil quality in vineyards  | <b>Silvia Landi</b><br>CREA-DC, Research Centre for Plant Protection and Certification, Florence, Italy               |
| 15:05–15:20   | Ecological table grape production in Turkey   | <b>Erhan Akça, Semih Tangolar, Mehmet Erdem Kiraz</b><br>University of Adiyaman, School of Technical Sciences, Turkey |
| 15:20–15:30   | Resolve dissemination activities, summary   | <b>Emma Fulchin</b><br>Vitinnov, Bordeaux, France   |
| 15:30–16:00   | General discussion  | <b>Edoardo Costantini</b>   |

