

CULTIVATING THE FUTURE IN THE MEDITERRANEAN

Friday, June 20th

Organizer: IFOAM AgriBioMediterraneo.
Coordinator: Paola Migliorini

Location: Auditorium Fondazione Biagi (ABM)
Language: English
Simultaneous translation available: Italian

The aim of the ABM module is to improve the scientific dialogue, the implementation of information exchange, as well as the dissemination/transfer of knowledge and innovation strategies on organic agriculture in the Mediterranean.

ABM strongly supports the agroecological vision of organic agriculture for both environmental/agronomic and economic/social aspects of agriculture. In fact, ABM effectively supports this vision through active participation in the Principles of Organic Agriculture task force, biodiversity and seeds group, Participatory Guarantee System project and meeting, short chain market support initiatives, etc..

The final objective is to increase consciousness in the organic sector to minimize the use of external inputs and to change the approach, and therefore, the farming system, from input substitution to sustainable agriculture with an agroecological vision.

Within the Systems Value Track, participants will be able to deal with many issues from a “Mediterranean perspective”. These issues will be featured in the following modules:

- Women in Organic Agriculture;
- Viable Seeds;
- Biodiversity;
- Food Security/Sovereignty.

Please refer to the specific module description for more details.

On Friday, June 20th there will be a workshop on “**Agroecology to control and manage pest and disease in Mediterranean organic farming systems**”.

Program

9:00 – 10:45 and 11:15 – 13:00

Fabio Piccioli - ABM president, ABM and agroecology

Miguel Altieri - University of California, Berkeley, An agroecological basis for the conversion of conventional systems to organic management in the Mediterranean

Clara Nicholls – University of California, Berkeley, Enhancing Biodiversity in organic vineyards for pest regulation: case studies from Northern California

Migliorini Paola - Dipartimento di Scienze Agronomiche e Gestione del Territorio Agroforestale (DISAT), Università degli Studi di Firenze, Florence, Italy, Biodiversity Indicators for sustainability evaluation of conventional and organic agro-ecosystems in Tuscany

Uygun Axsoy - Ege University Faculty of Agriculture Department of Horticulture Bornova-İzmir TURKEY, Status of management system in Turkish organic agriculture

Jose Luis Porcuna - Citrics Biological Control Centre of the Mediterranean Basin Countries, Biological Control of Pest and diseases: State of Arts in Spain

Souhel Makoul - Director of Horticulture Department, General Commission Scientific Agricultural Research, Republic of Syria, Organic agriculture in Syria and biological control strategies of Citrus spp

*Kaburakis Manolis - Ecological Production Systems Unit, National Agricultural Research Foundation Heraklion, Crete, Greece, An agroecological approach for pest management in Mediterranean type agroecosystems: the case of the olive fruit fly (*Bactrocera oleae*, Gmelin)*

Juan Carlos Cirera- SEO/Bird Life Delta d'Ebre, Spain, Organic rice in Mediterranean wetlands: management of pest and disease

Moreover a specific module (2 sessions) within the **Scientific Research Track** is planned (Friday, June 20th) on **Soil fertility and weed management in Mediterranean organic farming system**. It will highlight recent research activities carried out in the Mediterranean region, targeted on improving soil fertility and crop production in Organic Farming.

Program

14:30 – 16:00 and 16:30 – 18:00

Session 1: Soil fertility in Mediterranean organic farming systems I

Oral Presentations

Benincasa, P., Tosti, G., Boldrini, A., Tei, F. & Guiducci, M.: Poliennial results on soil N management and maize N nutrition by green manuring

Mazzoncini, M., Migliorini, P., Antichi, D., Vazzana, C.: Effects of green-manure and organic fertiliser on organic maize (*Zea Mays L.*) in south Tuscany

Avio, L., Pellegrino, E., Bonari, E. & Giovannetti, M.: Natural biofertilizers for organic agriculture: productivity and nutrient uptake of Medicago sativa inoculated with different arbuscular mycorrhizal fungi

Montecchio, D., Francioso, O., Gioacchini, P. & Ciavatta, C.: How Perennial Grass has Modified Distribution of Organic Carbon in a Peach Orchard in Emilia-Romagna Region (Italy)

Posters

Mazzoncini, M., Bàberi, P., Antichi, D., Risaliti, R. & Grassi, S.: The influence of organic farming on soil fertility: results from the MASCOT (Mediterranean Arable Systems COMparison Trial) long-term experiment

Thomopoulos, P.; Bilalis, D.; Konstantas, A. & Efthimiadou, A.: The effect of green manure on root development and cotton yield under Mediterranean conditions

Ciaccia, C., Di Bartolmeo, E., Intrigliolo, F., Tittarelli, F. & Canali, S.: Compost and Organic farming: study on citrus-processing industry waste utilisation

Marchetti, R., Casadei, N., Marino, A. & Sghedoni, L.: Inorganic nitrogen in soil green manured with biocidal crops

Al-Bitar, L., Wehbé, E., Ayoub, M. & Jamea, M.: Effect of annual self-reseeding legumes on subsequent crops into a rotation program in Mediterranean organic farming systems

Piazza, C., Fourty, H., Reggiani, R., Poli, M. & Bolognesi, S.: Variety Recommended Lists of Organic Cereals in Emilia-Romagna

Schiatti, P., Ara, D., Bertacchini A., Quartieri, M. & Toselli, M.: The accumulation of copper in soils of the Emilia-Romagna region

Verrastro, V., El Hanafi Sebti, K., Hewidy M. Ramadan, M., Diacono, M., Coccozza, C. & Miano, T.: Effect of composts, on growth and on yield quality of two crops, in a organic experimental farm of Southern Italy.

Fagnano M. The effects of irrigation on soil fertility: a relevant issue for organic farming

Session 2: Soil fertility and weed management in mediterranean organic farming systems II

Oral Presentations

Romanya, J. & Rovira, P. N.: Availability after long-term organic farming in irrigated and rain-fed Mediterranean semiarid grassy crops

Catturano, E., Rocuzzo, G.; Canali, S., Adamo, S., Giuffrida, F. & Leonardi, C.: Characterization of the organic vegetable agrosystems in a representative area in the south of Italy. ..

Antichi, D., Mazzoncini, M., Bàrberi, P., Bigongiali, F. & Carpi, G.: Leguminous cover crops: an important tool for improving resource use efficiency in organic arable cropping systems.

Ponti, L., Altieri, M. A. & Gutierrez, A. P.: Compost enhances parasitization of *Brevicoryne brassicae* (L.) by *Diaeretiella rapae* (M'Intosh) in broccoli under different levels of crop diversification and plant competition

Posters

Bàrberi, P., Bigongiali, F., Antichi D., Carlesi, S., Fontanelli, M., Frasconi, C. & Lulli, L.: Innovative crop and weed management strategies for organic spinach: crop yield and weed suppression

Fontanelli, M., Frasconi, C., Lulli, L., Antichi D., Bigongiali, F., Carlesi, S., Bàrberi, P. & Peruzzi, A. : Innovative crop and weed management strategies in organic spinach: machine performances and cultivation costs

Peruzzi, A., Raffaelli, M., Fontanelli, M., Frasconi, C., Ginanni, M. & Lulli, L.: Physical Weed Control in Organic Carrot in Sicily (Italy)

Peruzzi, A., Raffaelli, M., Fontanelli, M., Frasconi, C., Lulli, L. & Ginanni, M.: Innovative Mechanization of Garlic in Vessalico (North Italy)

Peruzzi, A., Raffaelli, M., Ginanni, M., Lulli, L., Frasconi, C. & Fontanelli, M.: Innovative strategies for physical weed control on processing tomato in the Serchio Valley (Central Italy).