

Agrosilvopastoral Futures: Bridging Tradition with Innovation in Mediterranean and Mountain Pastures

Kuşadası, Türkiye, 9-11 April 2025



PROGRAMME

DAY 1: 9th APRIL

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| 8:30 – 9:15 | Opening Ceremony |
| 9:15 – 9:45 | <ul style="list-style-type: none">Introductory conference. Overview on Turkish grazing and agrosilvopastoral systems and research. Lütfi Tahtacıoğlu (Consultant, former TAGEM Director General, Türkiye) |
| 9:45 – 10:15 | SESSION 1 - BUILDING RESILIENCE WITH BIOLOGICAL DIVERSITY AND SUSTAINABLE MANAGEMENT PRACTICES. Chairpersons: Lütfi Tahtacıoğlu (Türkiye) and Emre Kara (Aydın Adnan Menderes Univ., Türkiye) Keynote 1. <i>Crop-livestock integrated Conservation Agriculture systems are key interventions for resilience in Mediterranean regions: Insights from South Africa and North Africa.</i> Pieter Swanepoel (Univ. Stellenbosch, South Africa) with Harun Çiçek (FiBL, Switzerland) |
| 10:15 – 10:45 | Coffee break and poster session |
| 10:45 – 11:15 | SESSION 1 (Cont.) <ul style="list-style-type: none">Keynote 2. <i>Building resilient Mediterranean silvopastoral systems: lessons from Iberian Dehesas and Montados.</i> Gerardo Moreno (Univ. Extremadura, Spain), Maria Isabel Ferraz de Oliveira (MED-Univ. Evora, Portugal) |
| 10.45 – 12.45 | Selected Oral presentations (12 min. each) <ul style="list-style-type: none">(10) <i>Legume-Based Cover Crops In Olive Multifunctional Systems.</i> Giovanni Altana (CNR, Italy)(17) <i>Mixed management system for a sustainable dairy camel management in southern Tunisia.</i> Moufida Atigui (Arid Regions Institute, Tunisia)(67) <i>Feeding behavior of heifers and goats on alpine pastures encroached by green alder.</i> Lucia S. Mochi (Agroscope, Switzerland)(74) <i>Ecological footprint of goat meat production from nomadic pastoralism in Türkiye.</i> Gönül Ayça Orhon (Yolda Initiative, Türkiye)(98) <i>Evaluating nitrogen utilization in perennial swards intercropped with young poplars under rainfed conditions in central Italy.</i> Lorenzo Gabriele Tramacere (University of Pisa, Italy) Discussion |

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| 12:45 – 14:15 | Lunch & poster session |
| 14:15 – 15.45 | <p>SESSION 2 - EARLY CAREER RESEARCHER SESSION</p> <p>Chairpersons: Magali Jouven (AgroSup Montpellier, France) & Soumaya Boukhrouh (Mohammed VI Polytechnic Univ., Morocco)</p> <p>Selected oral presentations (12 min. each)</p> <ul style="list-style-type: none"> • (6) <i>Study of the adaptation of some pastoral species to the arid climate of Eastern Morocco.</i> Kaoutar Aboukhalid (INRA, Morocco) • (32) <i>How do farmers manage to take best advantage of semi-natural and wooded pastures in Mediterranean agro-silvo-pastoral systems?</i> Elisa Deschamps (INRAE, France) • (45) <i>A preliminary study on sulla haylage and Panicum italicum hay as alternative forages in Sarda dairy sheep farming system.</i> Andrea Frongia (Agris Sardegna, Italy) • (55) <i>Effects of shade imposed by solar panels on production of forage species in an agri-voltaic system.</i> Haley Kirschten (Oregon State Univ., USA) • (56) <i>Determination of some properties of silages from burmedic and annual ryegrass.</i> Fatih Kumbasar (Blacksea Agricultural Research Institute, Türkiye) • (83) <i>Herbage production and lamb growth in response to pasture diversification strategies.</i> Muhammet Şahin (Blacksea Agricultural Research Institute, Türkiye) • (100) <i>Short-time effect of switching from intensive grazing to meadow management on Rumex weed species.</i> Moritz Wierer (Laimburg Research Centre, Italy) |
| 15:45 – 16:15 | Coffee break & poster session |
| 16:15 – 16.45 | <p>SESSION 2 (Cont.)</p> <p>Discussion</p> |
| 16:45 – 17:30 | <p><i>FAO Global Plan of Action of the Sustainable Livestock Transformation Framework.</i></p> <p>Marialia Lucio Restrepo (FAO NSA, Italy)</p> |
| 20:00 – 22:30 | Social dinner |

DAY 2: 10th APRIL (Field trip)

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| 8:00 – 8:45 | Departure and trip to the Faculty of Agriculture of the Adnan Mederes University |
| 8:45 – 9:15 | Arrival and welcome coffee |
| 9:15 – 10:15 | <p>SESSION 3 - INNOVATIONS TO IMPROVE PASTURES AND FORAGE PRODUCTION IN MEDITERRANEAN AND MOUNTAIN AREAS</p> <p>Chairpersons: Shelby Filley (Oregon State Univ., USA) and Lucia Mochi (Agroscope, Switzerland)</p> <ul style="list-style-type: none"> • Keynote 1. <i>Innovations to improve forage production in Mediterranean environments.</i> Claudio Porqueddu (CNR, Italy). • Keynote 2. <i>New strategies for improving animal production in Mountain systems.</i> Manuela Renna (Univ. of Turin, Italy) and Giulio Cozzi (Univ. Padova, Italy). |
| 10:15 – 12.00 | <p>SESSION 3 (Cont.)</p> <p>Selected oral presentations (12 min. each)</p> <ul style="list-style-type: none"> • (58) <i>The use of grass forages for dairy and beef productions: an analysis of farming practices to increase resource efficiency.</i> Giampiero Lombardi (Univ. of Turin, Italy) • (71) <i>Annual legume breeding Australia - breeding improved annual legumes for Mediterranean climates.</i> Phillip Nichols (Univ. of Western Australia) • (76) <i>Alternative legume crops for Mediterranean environments: The case of bitter vetch (Vicia ervilia).</i> Ioanna Pouloupoulou (Agricultural Univ. of Athens, Greece) • (78) <i>Medium-Term impact of Highland cattle on the restoration of green alder-encroached pastures.</i> Massimiliano Probo (Agroscope, Switzerland) • (87) <i>Comparative in vitro nutritional evaluation of some Egyptian forage legumes on ruminal fermentation and methane mitigation.</i> Amr Salah Morsy (Arid lands Cultivation Research Institute, Egypt) • (93) <i>Variation in plant species diversity under different aspects in the rangelands of the Girdev Plateau, western Taurus Mountains.</i> Mustafa Sürmen (Aydın Adnan Menderes Univ., Türkiye) <p>Discussion</p> |
| 12:00 – 13:15 | Lunch |
| 13:15 – 14:15 | Visit to Faculty farm and fields |
| 14:15 – 15:15 | Bus trip to Mount Latmos area |
| 15:15 – 18:15 | Visits in Latmos area sylvopastoral systems |
| 18:15 – 19:30 | Trip back to Kuşadası |
| | Free evening |

DAY 3: 11st APRIL

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| 8:30 – 9:30 | <p>SESSION 4 – DATA AND TECHNOLOGIES TO IMPLEMENT AND MONITOR SUSTAINABLE AGROSILVOPASTORAL SYSTEMS.</p> <p>Chairpersons: Zoi Parissi (Aristotle Univ. Thessaloniki, Greece) and Simone Ravetto (Univ. Torino, Italy)</p> <ul style="list-style-type: none"> • Keynote 1. <i>From degradation to regeneration: Sustainable pathways for Mediterranean silvopastoral landscapes.</i> Mounir Louhaichi (ICARDA Tunis) and Fidaa Haddad (FAO-RNE, Egypt) • Keynote 2. <i>Integrating Traditional Knowledge and Technological Innovations for Resilient Management of Agrosilvopastoral Systems.</i> Alberto Mantino (Univ. of Pisa, Italy) and Camila Dibari (Univ. Bologna, Italy) |
| 9:30 – 10:10 | <p>Selected oral presentations (12 minutes each):</p> <ul style="list-style-type: none"> • (23) <i>Assessment of standing crop biomass using remote sensing tools in rangelands of Timahdite area.</i> Soumaya Boukrouh (Mohammed VI Polytechnic Univ., Morocco) • (44) <i>Integrating remote sensing and proximal data to map and characterize diverse secondary grasslands for conservation management strategies.</i> Matteo Francioni (Polytechnic Univ. of Marche, Italy) • (48) <i>Yield prediction of Hungarian vetch-triticale mixtures with UAV-based multispectral imaging in hybrid models.</i> Veysel Gül (Kırşehir Ahi Evran Univ., Türkiye) |
| 10:10 – 10:40 | <p>Coffee break & poster session</p> |
| 10:40 – 12:15 | <p>SESSION 4 (Cont.)</p> <p>Selected oral presentations (12 min. each)</p> <ul style="list-style-type: none"> • (53) <i>Forage characteristics of typical semi-arid mountainous rangelands in Central Anatolia and prediction possibilities via NDVI.</i> Onur İleri (Eskişehir Osmangazi Univ., Türkiye) • (54) <i>P@stor-all: a collaborative information system (IS) to assist grazing management in Mediterranean and Mountain conditions.</i> Magali Jouven (Institut Agro, Montpellier, France) • (62) <i>Large-scale mapping of pastoral value through remote sensing data and machine learning algorithms.</i> Giacomo Marengo (Univ. of Turin, Italy) • (79) <i>Land surface phenology for the characterization of Mediterranean permanent grasslands.</i> Antonio Pulina (Univ. of Sassari, Italy) <p>Discussion</p> |
| 12:15 – 13:45 | <p>Lunch</p> |

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| 13:45 – 16:15 | <p>SESSION 5 - INNOVATIONS FOR THE FUTURE OF MEDITERRANEAN PASTORALISM. PASTINNOVA PROJECT FINAL CONFERENCE</p> <p>Introduction. <i>Brief overview of the PASTINNOVA project: justification, objectives, results, and impacts.</i> Athanasios Ragkos (ELGO, Greece)</p> <p>Presentation of Research Results (15 min. each)</p> <ul style="list-style-type: none"> • <i>A LCA-based strategy for the characterization of the of pastoral products' environmental quality</i> - Antonio Franca (CNR, Italy) • <i>Pastoralism in the face of global environmental change: a Follow-the-thing approach</i>- Feliu López i Gelats (CSIC/Univ. Vic, Spain) • <i>Predicted changes in rangeland distribution under climate scenarios: Insights from Mediterranean pastoral systems</i> - Paride d'Ottavio/Marco Bianchini (Polytechnic Univ. of Marche, Italy) • <i>Economic Analysis, transhumant farms in Greece</i> - Athanasios Ragkos (ELGO, Greece) <p>Roundtable (30 min.): Future of Mediterranean Pastoralism: challenges, innovations and public policies (<i>The PASTINNOVA White paper on Mediterranean Pastoralism</i>)</p> <p style="padding-left: 40px;">Pannelists: Jean Paul Dubeuf (INRAE, France), Lamis Chalak (Lebanese Univ.), Nazan Koluman (Çukurova Univ., Türkiye), Ante Ivankovic (Univ. Zagreb, Croatia)</p> <p>Open discussion and closing remarks</p> |
| 16:15 – 16:30 | Coffee break & poster session |
| 16:30 – 17:00 | Conclusions, prizes and closure |
| 17:00 | Departure of participants |