



# World Congress Silvo-Pastoral Systems 2016

Silvo-Pastoral Systems in a changing world: functions, management and people



## World Congress Poster Sessions | rooms distribution and detailed time plan

### Posters WG1 to WG7 | Presentation session | room 131aBES

28/07/2016 | 12:00-13:00

Cod	WG	Title	1 <sup>st</sup> author	Who presents
1271	WG 1)	Multi-scale free open source (fos) silvo-pastoral systems monitoring	Aura Cárdenas	Aura Cárdenas
1301	WG 1)	Novel methodological approach to analysis of spatio-temporal change trajectories of wood-pastures on an example of a case study in the Czech Republic	Anna Pereponova	Anna Pereponova
1328	WG 2)	Changes in social-ecological networks in rural functional landscapes: relict hedgerows in Central Spain	C. Herrero-Jáuregui	C. Herrero-Jáuregui
1185	WG 3)	Nutritive value of <i>Cistus ladanifer</i> L. for ruminants - Seasonal variation in the chemical composition, in vitro digestibility and antioxidant activity	Olinda Guerreiro	Eliana Jerónimo
1335	WG 3)	Importance of mountain silvopastoral areas in the production of autochthonous animal breeds and promotion of beekeeping in Northern Portugal	Nelson Viana	Helder Viana
30	WG 3)	Methane production by crossbred cows in silvo-pastoral systems from Michoacán, México	Francisco J. Solorio-Sánchez	Sara Burbi
72	WG 3)	Intensive Silvopastoral Systems: improving sustainability and efficiency in cattle ranching landscapes of Latin America	Julian Chará	Julian Chará
1090	WG 3)	Effects of livestock grazing on understory vegetation in relation to animal sheds in a valonia oak silvopastoral system of western Greece	Konstantinos Mantzanas	Vasilios Papanastasis
1121	WG 3)	Mapping and steering large herbivore habitat use for the restoration of mosaic landscapes in dry dunes	Jan Van Uytvanck	Jan Van Uytvanck
1179	WG 3)	The use of polyethylenoglicol to reduce the anti-nutritional effects of tannins in <i>Cistus Ladanifer</i> L.	Maria Dentinho	Maria Dentinho
1187	WG 3)	Nutritive value evaluation of ginger lily ( <i>Hedychium gardnerianum</i> , Sheppard ex Ker-Gawl)	João Paulo Borba	Alfredo Borba
1194	WG 3)	The importance of forest grazing in forests of Acacia ( <i>Acacia melanoxylon</i> ) in Pico Island (Azores)	Cristiana Maduro Dias	João Madruga
1196	WG 3)	The importance of Azorean holly ( <i>Ilex perado</i> Aiton ssp. <i>Azorica</i> (Loes.) montado systems in Pico Island (Azores)	Cristiana Maduro Dias	João Madruga
1230	WG 3)	Silvo-pastoralism and soil conservation in New Zealand pastoral hill country	Ian Mcivor	Ian Mcivor
1325	WG 3)	Biomarker evaluation and toxicological study of essential oils of <i>Foeniculum vulgare</i> and <i>Calamintha nepeta</i>	M. Rosário Martins	M. Rosário Martins
1326	WG 3)	Antioxidant and anti-inflammatory potential of <i>Lavandula</i> spp.	M. Rosário Martins	M. Rosário Martins

12	WG 4)	Evaluation of a thinning under silvopastoral approach in a <i>Nothofagus antarctica</i> (ñire) in Chilean Patagonia.	Jaime Salinas	Jaime Salinas
46	WG 4)	Eucalypt clone growth in monoculture and silvopastoral system under different tree planting spatial arrangements	Carlos Henrique Rodrigues De Oliveira	Carlos Henrique Rodrigues De Oliveira
52	WG 4)	Study of climate suitability for cultivation of rubber in silvopastoral systems	Igor Oliveira Ribeiro	Fabricia Benda De Oliveira
53	WG 4)	Grazing, firewood and net carbon incomes of a Holm oaks dehesa ecosystem case study in Arroyo de la Luz, Spain.	Francisco M. Castaño	Francisco M. Castaño
80	WG 4)	Analysing the future of <i>Quercus ilex</i> dehesas in Extremadura using the European Forest Dynamic Model	María Pasalodos-Tato	Iciar Alberdi
84	WG 4)	Close to nature silviculture applied to cork oak stands	Joana Namora	Ana Cristina Gonçalves
1153	WG 4)	Silvopastoral Transfer Program of Forest Plantations in the Aysen Region	Jaime Salinas	Jaime Salinas
1197	WG 4)	Determining of the success of stone pine ( <i>pinus pinea</i> L.) afforestations in Bartın Region	Erol Kirdar	Halil Barış Özel
1199	WG 4)	Potential climate-driven silvicultural and agricultural transformations in Central Siberia	Nadja Tchebakova	Nadja Tchebakova
1211	WG 4)	Oak dynamics in Dehesa system. Is tree replacement an urgent task?	Pilar Fernández-Rebollo	Pilar Fernández-Rebollo
1212	WG 4)	Is cork growth affected by different understory management options: lupine pasture versus shrubs encroachment?	Sónia Pacheco Faias	Joana Amaral Paulo
1217	WG 4)	Cork quality assessment in three consecutive debarks: The influence of site, stand structure and density and management on cork quality features evolution.	Sara Marrafa	Sara Marrafa
1270	WG 4)	Growth of <i>Schizolobium amazonicum</i> (Huber ex Ducke) under different conditions of shading and atmospheric demand	Jose Eduardo Macedo Pezzopane	Jose Eduardo Macedo Pezzopane
1273	WG 4)	Evaluation of cost-efficient shelters to regenerate trees in silvo-pastoral systems	Yonathan Cáceres	Fernando Pulido
1278	WG 4)	Tree growth, soil attributes and annatto production in Agrosilvopastoral System under different management after gully erosion stabilization in Brazil	Maria Teresa Vilela Nogueira Abdo	Maria Teresa Vilela Nogueira Abdo
1321	WG 4)	Tropical tree species from different ecological groups growth under different management in Agrosilvopastoral System in Brazil	Maria Teresa Vilela Nogueira Abdo	Maria Teresa Vilela Nogueira Abdo
1105	WG 5)	Mapping Mediterranean Oak decline susceptibility by machine learning techniques	J. Francisco Lavado Contador	J. Francisco Lavado Contador
1235	WG 5)	Quantification of phosphite ions on <i>Quercus suber</i> tissues	Mario González	Mario González
1246	WG 5)	Potential insecticide of <i>Musa</i> spp extract.	Juliana Garlet	Juliana Garlet
1274	WG 5)	Screening of fungicides for control of <i>Phytophthora</i> root disease affecting holm and cork oak	Mario González	Mario González
1125	WG 6)	A multivariate approach for mapping fire ignition risk in a complex anthropogenic landscape	Antonello Migliozi	Antonello Migliozi
1117	WG 7)	Effect of variable precipitation frequency on seedling germination and establishment in herbaceous understory of Mediterranean oak woodlands	Alina Förster	Marjan Jongen
1162	WG 7)	Enteric Methane Emission from beef heifers on Integrated Crop-Livestock System	Raquel Barro	Laise Pontes
1287	WG 7)	Spatio-temporal variability of vegetation indexes and surface-atmosphere-exchange of CO <sub>2</sub> , sensible- and latent heat in a Dehesa ecosystem in Caceres	Tarek El-Madany	Oscar Perez-Priego
14	WG 7)	Temporal and spatial distribution of soil moisture and roots of herbaceous plants and ñire ( <i>Nothofagus antarctica</i> ) trees under silvopastoral use in Southern Patagonia	Héctor Alejandro Bahamonde	Guillermo Martínez Pastur
20	WG 7)	Carbon stock in a silvo-pastoral system in Brazilian savanna	Francine Neves Calil	Francine Neves Calil
45	WG 7)	Organic carbon stock in the soil in silvipastoral system compared to adjacent areas with eucalyptus monoculture, grassland and native forest savannah, in the region of Minas Gerais, Brazil	Carlos Henrique Rodrigues De Oliveira	Carlos Henrique Rodrigues De Oliveira

59	WG 7)	Study of climate aptitude for the Pinus culture agrosilvopastoral system in the state of Espirito Santo, Brazil	Fábio Silveira Castro	José Eduardo Pezzopane
1182	WG 7)	Response of annual pastures to soil water variations in water-limited environments with scattered tree cover	Javier Lozano Parra	Susanne Schnabel
1184	WG 7)	Cork Oak Transplant: A New Reality? A Physiological Approach to Maximize Success Rate	Cati Dinis	Cati Dinis
1343	WG 7)	Effect of root extracts from herbaceous species on Phytophthora cinnamomi activity	A.R.Brito	Teresa Soares David
68	WG 9)	Towards a harmonize assessment of the conservation status of Natura 2000 network habitats from National Forest Inventories: application to “dehesas”	Iciar Alberdi	Iciar Alberdi

**Posters WG8 to WG14 | Presentation session | Room atrium BA**  
**30/07/2016 | 12:00-13:00**

Cod	WG	Title	1 <sup>st</sup> author	Who presents
26	WG 8)	Development of a marginal area through the valorisation of black truffle and creation of a voluntary landowner association	Simone Blanc	Simone Blanc
67	WG 8)	Visual quality assessment in cork samples	Jose Luis García De Ceca	Mariola Sánchez-González
1221	WG 8)	Acorn production in new young holm oak forests	Maria Dolores Carbonero	Maria Dolores Carbonero
1258	WG 8)	Phenology and acorn production in holm oak open woodland	Macarena Ferriz Núñez	Macarena Ferriz Núñez
1267	WG 8)	Governance of non-wood forest products? Rural case studies in the Russian Federation and Ukraine	Marine Elbakidze	Marine Elbakidze
1305	WG 8)	Wood quality of Pinus ponderosa in silvopastoral systems in NW Patagonia, Argentina. Physical and acoustic evaluation	Gonzalo Caballé	Gonzalo Caballé
1344	WG 8)	Evaluating the potential for ecological restoration of the wild strawberry <i>Fragaria chiloensis</i> in northern Chilean Patagonia	V. Latorre	Laura Sánchez-Jardón
35	WG 9)	Effects of weed clearing and cattle grazing on conservation of forest openings in Macedonian fir silvopastoral systems of Greece	Vasilios Papanastasis	Vasilios Papanastasis
61	WG 9)	Plant trait effects on the rain through fall and nutrient deposition in neotropical trees	Pere Casals	Graciela M. Rusch
73	WG 9)	Temporal variability in seed production and pre-dispersal seed predation in Nothofagus forests under silvopastoral use	Rosina Soler	Guillermo Pastur
1093	WG 9)	Structural response to defoliation of seedlings of three species of mediterranean shrubs	M <sup>a</sup> José B. Atencia	Jordi Bartolomé Filella
1110	WG 9)	Effect of livestock exclusion on the survival and growth of the columnar cactus neobuxbaumia mezcalaensis.	Elena Baraza	Elena Baraza
1135	WG 9)	Developing Silvopastures from Mixed Timber Stands: Time Zero System Ecology	Chris Teutsch	John Fike
1158	WG 9)	The night shift: habitat preferences of forest and farmland owls in 'montados'	Inês Roque	João E. Rabaça
1218	WG 9)	Influence of pre-dispersive predation on natural regeneration of Quercus robur L. in Galicia	Diaz-Maroto I.J.	Diaz-Maroto I.J.
1255	WG 9)	Wood density and vessel traits of woody species in Colombian seasonal dry-lands as an adaptation to and resilience mechanism for livestock systems	Nelson Perez Almario	Sonia Ospina Hernandez
1262	WG 9)	Nodulation and Nitrogen Content in Leucaena leucocephala Biomass Inoculated with Native Strain of Rhizobium and Indoleacetic Acid Production	Magnolia Tzec	Francisco Solorio
1308	WG 9)	Native herbs diversity in silvopastoral systems from Chilean Patagonia	Laura Sánchez-Jardón	Laura Sánchez-Jardón
1311	WG 9)	AdaptForChange: Evaluating the success of reforestations with native species performed during last 50 years along a desertification gradient in Alentejo	Melanie Köbel	Melanie Köbel

1327	WG 9)	Long-term monitoring of mediterranean agro-silvo-pastoral systems: the LTsER Montado platform	Otília Correia	Otília Correia
1330	WG 9)	Fungal biodiversity associated with endemic <i>Pinus heldreichii</i> forests in SE Montegrin mountains	Jelena Lazarević	Jelena Lazarević
77	WG 10)	Interactive effects of trees and N supply on productivity of warm-climate grasses	Laise Da Silveira Pontes	Laise Da Silveira Pontes
1142	WG 10)	Ecosystem services provided by sustainable grazing land management in semiarid areas	Elviar Díaz-Pereira	Susanne Schnabel
1175	WG 10)	Innovative instruments for managing Ecological systems and Sustainable Development- select case from India	Teki Surayya	Teki Surayya
1214	WG 10)	The roles of Tourism in Poverty Alleviation in Ogun State of Nigeria	Oluwole Banjo	Oluwole Banjo
1289	WG 10)	Determining suitability for active recreation in agroforestral areas using spatial multicriteria analysis	Luís Quinta-Nova	Luís Quinta-Nova
1291	WG 10)	Linking tree species diversity in tropical pastures with ecosystem services	M. Jimena Esquivel Sheik	M. Jimena Esquivel Sheik
1319	WG 10)	Biodiversity patterns and related ecosystem services in Mediterranean agro-silvo-pastoral systems	Simonetta Bagella	Pier Paolo Roggero
1340	WG 10)	Evaluating ecosystem services trade-offs due to land use changes: transition to an irrigated agriculture landscape	Pedro Pinho	Pedro Pinho
44	WG 12)	Eucalyptus Canopy variation in different spatial arrangements in silvopastoral system using satellite images	Fabricia Benda De Oliveira	Fabricia Benda De Oliveira
86	WG 12)	Above ground biomass estimation in Mediterranean multiple use systems with high spatial resolution satellite images	Ana Cristina Gonçalves	Ana Cristina Gonçalves
87	WG 12)	Above ground biomass functions with vegetation indices for multiple use systems of two evergreen oaks	Adélia Sousa	Adélia Sousa
1109	WG 12)	Remote sensing-based indicators for a cost-effective ecological monitoring and assessment in European agroecosystems	Artur Gil	Artur Gil
1129	WG 12)	Using remote sensing and landscape metrics to analyse the influence of montado spatial complexity in biogeophysical parameters	Sérgio Godinho	Sérgio Godinho
1141	WG 12)	The use of laser scanner images to explain the spatial distribution of soil erosion rates in Dehesas.	Judit Rubio-Delgado	Judit Rubio-Delgado
1250	WG 12)	Estimating biophysical vegetation parameters in a dehesa ecosystem using non-parametric statistical analysis: a multi-scale approach	Lara Vilar	Lara Vilar
1342	WG 12)	Single tree detection in agro-silvo-pastoral systems from high resolution digital surface models obtained from UAV- and gyroscope-based RGB-imaging	Georg Bareth	Georg Bareth
1132	WP 13)	Assessment of the sustainability of silvopastoral systems of family farming in southern highlands in Santa Catarina	Maria Sueli Heberle Mafra	Maria Sueli Heberle Mafra
1302	WP 13)	Contribution of woody species in pastures in the production of small farms in Tenantitla, Benito Juárez, Veracruz, México	Erika Hernández	Erika Hernández
39	WP 13)	Knowledge production in agroforestry systems of South America: Analysis of publications, international cooperation and the influence of funding origin	Rosina Soler	Guillermo Pastur
1092	WP 13)	Graduate Extension Scholars: Learning the Skills of Silvopastoralism	Gabriel Pent	Gabriel Pent
1136	WP 14)	Perceptions and Understanding of Silvopasture by Extension Agents in the Mid-Atlantic and Southern United States	Tim Mize	John Fike
1164	WP 14)	Evaluation of DUALEM, OptRx and Grassmaster II sensors for monitoring the spatial variability and the temporal stability of a Mediterranean pasture	João Serrano	Pedro Sobral
1180	WP 14)	The energy evaluation as an integrative approach to the Montado – knowledge's gaps	Ana Fonseca	Ana Fonseca