

Scientific Program

Sunday, April 12th

08:30	Departure: Évora (Bus meeting point) – EU/Mitra Campus
09:00 – 09:30	UE/Mitra Campus - Registration 31st EGF General Meeting
09:30 – 12:30	<p>Masterclass</p> <p>Overall theme: Measuring GHG Emissions in Grasslands</p> <p>Masterclass aims to equip participants with the skills and understanding needed to measure GHG emissions in grassland ecosystems, focusing on methodologies, innovative tools, and the role of grasslands in carbon cycling and climate change mitigation.</p> <p>Working Group “Sensing”</p> <p>WG Sensing aims to 1. Learn about proximal and remote sensing activities within the EGF community, 2. Foster networking and collaboration between individuals, 3. Identify the potential of sensing to improve grazing management for farmers, 4. Publish workshop notes as a paper at the next EGF conference.</p> <p>Working Group “Grazing”</p> <p>Overall theme: Resilience in grazing systems</p> <p>The WG Grazing will explore the risks and mitigation strategies for grazing-based livestock systems, as well as the positive contributions of grazing to resilience under two sub-themes: 1. Role of livestock, 2. Innovations.</p>
12:30-13:30	<p>Group photo</p> <p>Lunch</p>
13:45-17:00	Masterclass/Working groups
17:30	Return: Mitra Campus – Évora University -Colégio Espírito Santo (EU-CES)
18:00 – 20:00	Registration 31st EGF General Meeting
Venue/place: UE- CES	Welcome drink

Monday April 13th- Évora University -Colégio Espírito Santo (EU-CES)

08:00 – 09:00	Registration 31st EGF General Meeting Posters setting up Theme 1 and 3
09:00	To the rooms
09:15 – 09:30	Opening ceremony 31st EGF General Meeting
Auditorium 1	José Pedro Pestana Fragoso de Almeida (President EGF) Vasco Picão de Abreu (President SPPF)
09:30 – 10:30	<i>Chairs: Nilla Nilsdotter-Linde; Cristina Branquinho</i>
Auditorium 1	
Audio/Video connection to Auditorium 2	Insights from Portuguese Grasslands Carneiro J., Carita T., Abreu V. and Freixial R.
	Land-use–driven ecological thresholds defining limits to grassland management Gross N. and Le Bagousse-Pinguet Y.
10:30 – 11:30	Tent - Coffee break / Poster session Theme 1
11:30 – 12:30	Theme 1: Challenges and innovations for grasslands resilience
Auditorium 1	<i>Chairs: Piotr Golinski; Fátima Baptista</i>
Audio/Video connection to Auditorium 2	Climate change impacts and adaptation in grasslands: Insights from Western Europe Karandish F., Hoving I., De Vries M., Ruelle E., Misra S., Madrid A., Castellan E., Novak S. and Delaby L.
	The value of long-term experiments in agriculture: grassland resilience on the North Wyke Farm Platform, a case study Cardenas L. M., Perez-Marquez S., Harris P. and Collins A.L.
12:30 – 14:10	University Cloisters - Delegate group photo
	Tent - Lunch / Poster session Theme 1 and 3
14:10	To the rooms
14:15 – 14:45	Theme 3: Breeding for new challenges
Auditorium 1	<i>Chairs: Elodie Ruelle; Benvindo Maçãs</i>
Audio/Video connection to Auditorium 2	Grass and legume breeding matching the future needs of European grassland farming Annicchiarico P., Barre P. and Rognli A.O.
14:45 – 15:15	Theme 1 - theatre presentations
Auditorium 1	Peat pasture productivity with raised groundwater tables Van Dijk H.M., Hoekstra N., Ripoll-Bosch R., Hoving I.E., Pijlman J. and Van Eekeren N. (363)

Audio/Video
connection to
Auditorium 2

The resilience of forage mixtures: superior performance over monocultures under climate change (668)

Wehbe S., Rodríguez A., Elbalaa R. and Sebastià M.T.

15:15 – 16:15 Tent - **Coffee break / Poster session Theme 3**

16:15 To the rooms

16:30 – 17:30

Parallel sessions

Auditorium 1.

Theme 1 - theatre presentations

Chair: Carsten Malisch; David Fanguero

Effect of nitrogen application rate on herbage production in perennial ryegrass and perennial ryegrass white-clover swards (694)

Irish H., Fitzpatrick E., O'Donovan M.; Hearn C. and Hennessy D.

Biochar application and pasture GHG emissions: links to soil temperature and moisture at peak growth (510)

Khodaparast Z., Fanguero D., Bastos A.C., Gonzalez-Pelayo O., Simões L., Jelincic A., Santos V., Silva P., Gholamahmadi B. Campos I., Domingos T., Jongen M. and Verheijen, F

Biodiversity and ecosystem functioning after 60 years of fertilization: insights from the Ossekampen grassland experiment (640)

Bufe C., Schils R., Hoekstra N., Van Eekeren N., Geerts R., Brotsma K., Reijneveld, A. and Ozinga

Microclimate and biomass dynamics of peat grassland under photovoltaic modules (685)

Zinken L., Hamidi D., Kayser, M. and Isselstein J.

Auditorium 2.

Theme 3 - theatre presentations

Chair: Ievina Sturite; João Madruga

Enteric methane emissions from a rustic-local and a widespread cow breeds grazing on permanent grassland (696)

Baleret N., Jeon S., Barbet M., Rochette Y., Pichon C., Sepchat B., Derboule L. and Martin C.

***Lolium perenne* root architecture analysis using 2D and 3D imaging (480)**

Fagan S., Young G., Gilliland T., Baker S., Tracy S., Black L., Williams P. and Gauley A.

Drought tolerance and productivity in *Plantago lanceolata* cultivars under controlled conditions (465)

Ebert C., Herrmann A., Schumann C., Krenzer D., Isselstein J. and Komainda M.

Improving forage production in Norway: Participatory evaluation of climate-adapted seed mixtures (427)

Jørgensen M. Borchsenius R., Elverland E., Gillund F., Muradagha K., de Sousa K. and Sturite I

17:45 – 18:30 **Welcome ceremony (venue: Auditorium 1; EU/CES)**

Tuesday, April 14th - 6 Mid tour excursions

08:00	Departure: Évora (Bus meeting point)
08:00 – 18:00	Mid Tours
18:00	Return to Quinta Nova do Degebe, Estrada do Redondo, 7005-210 Évora Social event: “Native grazing breeds Sunset”
From 20:00	Shuttle bus return to City Center (each 20 min)

Wednesday, April 15th - Évora University - Colégio Espírito Santo (EU-CES)

08:00 – 09:00	Posters setting up Theme 2, 4 and 5	
09:00 – 10:00	Theme 2: Agroforestry, pastoralism and society	
Auditorium 1	Chairs: <i>Deirdre Hennessy; M. Castro</i>	
Audio/Video connection to Auditorium 2	Agroforestry Innovations in Europe	
	Mosquera-Losada M.R., Hosseini A., Nikan S., Couso-Viana A., Ferreiro-Domínguez N., Pantera A., Fournarakos A., Fountas S., Aldrey-Vázquez J., Taboada-Iglesias M.J., Rigueiro-Rodríguez A., González-Hernández M.P. and Rodríguez Rigueiro F.J.	
	Agro-silvo-pastoral land uses for wildfire risk mitigation	
	Varela E.	
10:00 – 10:45	Parallel session	
Auditorium 1.	Auditorium 2.	
Theme 1 - theatre presentations	To the room 10:15	
Chairs: <i>Andreas Lüscher; Josef Haki</i>		
Transfer of soil mineral N in organic mixed grass-legume leys to subsequent wheat (719)	Theme 2 - theatre presentations	
Wallenhammar A.C., Edin E., Omer Z. and Granstedt A.	Chair: <i>Martin Komainda; M. Cancellata d'Abreu</i>	
Effect of ley botanical composition on root biomass in temporary grasslands (660)	Peak-season forage performance under a mature agroforestry system in Northern Ireland (747)	
Bendalam P., Suter M., Thivierge M.-N., Walter A. and Huguenin-Elie O.	Carnovale F., Rutherford N.H., Aubry A., Patterson J.D. and Takahashi T.	

Developing productive buffers on livestock farms to reduce water run-off from grasslands (669)

Marley C.L., Fychan R., Davies, J.W., Powel+, H.G., Scott, M.B., Newman, J. and Sanderson R.

Yield and chemical composition of six fodder tree species planted in hedgerows in temperate permanent grasslands (514)

Botzas-Coluni J., Ledermann P., Manzocchi E., Dubois S., Probo M. and Mariotte, P.

10:45 – 11:30 Tent - **Coffee break / Poster session Theme 2 and 5**

11:30 To the rooms

11:45 – 12:45 **Theme 4: Sustainable livestock production systems based on grasslands: Challenges and opportunities (EAAP)**

Auditorium 1

Audio/Video connection to Auditorium 2

Chairs: Jorgen Eriksen; Olga Moreira

How to assess animal products quality of grassland-based livestock farming systems?

Martin B., Bailly-Caumette E., Allart L. and Berri, C.

Theme 5: Grasslands and rural land policy tools to face global challenges

Chairs: Jorgen Eriksen; Olga Moreira

Innovation systems and strategic communication approaches for grassland technology adoption

Gibson M.T.

12:45 – 13:45 Tent - **Lunch / Poster session Theme 4**

13:45 To the rooms

14:00 – 15:15

Parallel session

Auditorium 1.

Theme 4 - theatre presentations

Chairs: R. Baumont; Bettina Tonn

Multispecies grassland leys enhance energy yields for sustainable livestock systems (606)

Malisch C.S., Malley J.O., Huguenin O., Hakl J., Baker S., Peratoner G., Brophy C., Adler P., Bezemer M., Van Eekeren N., Ergon A., Grange G., Jing, J., Lajeunesse J., Finn J. and Al E.T.

Assessing livestock distribution evenness using Global Navigation Satellite System tracking for improved grazing management (533)

Padrón-Tejera E., García-García M.J., Torralbo-Muñoz M.P., Pérez-Marín D.C., Utsumi S. Bailey D.W. and Maroto-Molina F.

Auditorium 2.

Theme 2 - theatre presentations

Chairs: Evelin Loit-Harro; Samuil Costel

Identifying solutions to mitigate GHG emissions and increase carbon sequestration using a multi-actor approach (704)

Hennessy D., Moloney S., Leader A. and Browne N

Restoring Ecosystem Services through grazing management in Portuguese Agro-sylvo-pastoral Systems (532)

Reis B.P., Príncipe A., Köbel M., Domingues I., Oliveira A., Serrano H., Branquinho C. and Nunes A.

Tannin content in Sainfoin (*Onobrychis viciifolia*) as a response to mixture composition (496)

Ortega P., Rousset A., Städler M., Lüscher A. and Huguenin-Elie O.

The effect of the level of fresh grass on the dietary crude protein level; obstacle or opportunity? (577)

Wind T.M., Moleman M., De Haan M.H.A. and Galama, P.J.

The effect of sward species diversity on enteric methane emissions from spring calving dairy cows (431)

Dwan C., Horan B., Jezequel A., Delaby L. and Lahart B.

Medicago *intertexta* under different management strategies and intercropping systems (508)

Dinolfo, L., Prestigiacomo, S., Lala, N., Agate, S., Farruggia, D., Di Miceli, G.

Nutritional value of green alder leaves and their selection by livestock on encroached mountain pastures (424)

Mochi L.S., Mariotte P., Terranova M., Pittarello M., Nota G., Frund D., Dubois S. and Probo M.

Long-term trends of both tree and grassland productivity in silvopastoral systems (711)

Príncipe A., Oliveira M.A., Reis B., Serrano H.C., Nunes A. and Branquinho C.

15:15 – 16:15 Tent - **Coffee break / Poster session Theme 4**

16:15 To the rooms

16:30 – 17:45

Parallel session

Auditorium 1.

Theme 4 - theatre presentations

Chairs: Nina Buchmann; Vibeke Lind

Forage production for sustainable ruminant systems in a context of climate change (479)

Baumont R. and Maxin G.

Including forbs in multi-species leys did not affect soil organic carbon and nitrogen stocks (613)

Krauss M., Tonn B., Dittmann M., Mesbahi G., Stehle B., Vitra A. and Leiber F.

Assessment of perennial ryegrass variety performance on commercial farms over 10 years (670)

Walsh S., Geoghegan A. Hearn C. and O'Donovan M.

Auditorium 2.

Theme 5 - theatre presentations

Chair: Arno Krause; M^a de Belém Freitas

Changes in soil microbial diversity in forage mixtures in Western Europe (667)

Manjón-Cabeza J., Maron P.-A., Dequiedt S., Bloor J., Ribas A., Klumpp K. and Sebastià M.-T.

Stakeholder perception of the relevance of measures promoting species-rich grasslands in the Alps and Carpathians (612)

Zanon S., Andergasser J., Barandun M., Bassignana M., Battaglini L., Coppa M., Iosif C., Ivascu C., Biro A.S., Iuga A., Jakiel M., Kaim D., Kuzemko A., Panáková J., Pazúr R., Pazúrová Z., Schneider M.K., Sommer J., Tasser E. and Peratoner G.

Structural changes in Norwegian dairy farming have led dairy cows away from grassland (463)

Steinshamn H., Flaten O., Flø B.E. and Bakken, A.K.

Determining grass harvest time using organic matter digestibility improves economics on dairy farms (659)

Ollertz-Mertens B., Volden H., Prestløkken E., Digman M.F., Kalscheur K.F. and Büchner B.

Impact of grassland conversion on agropastoral habitats of community interest over 40 years in France (519)

El Habr C., Pottier J., Gross N. and Sirami C.

Application for real-time yield estimation of grassland at a national scale (615)

Schaumberger A., Klingler A., Vuolo F. and Krautzer B.

Exploring communication channels tailored to farmers' needs in eight European countries (997)

Dumitras D.E., Jitea I.M., Gatterer M., Hennessy D., Klinck L., Lemayr S., Melis R.A.M., Nilsson-Linde N., Peratoner G., Ramos C., Schetelat S., Schmidt F., Seuret J.M. and Van den Pol-van Dasselaar A.

19:00

Hotel M'AR De AR Muralhas **Congress dinner**

Thursday, April 16th - Évora University - Colégio Espírito Santo (EU-CES)

9:00 – 9:30
Auditorium 1

Theme 4: Sustainable livestock production systems based on grasslands: Challenges and opportunities (EAAP)

Chairs: Agnes van den Pol; Johannes Isselstein

Sustainability and trade-offs in livestock productions: the role of grassland and local resources

Bérard J., Probo M., Lüscher A. and Dohme-Meier F.

09:30 – 10:15

Chairs - Group discussion– Highlights / Conclusions

10:15 – 11:15

EGF Business Meeting

Auditorium 1

Closing ceremony

11:15 – 11:30

Post - tour Açores: to the buses and (11:30) departure to Lisbon airport