



**Monday, 5th September 2022**

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**8.30–17.00 | Pre-Conference Courses** (Aulari II – General Lecture Hall II, University of Alicante)

Room: [Seminar of Ecology \(Sciences Faculty II, UA\)](#)

8.30–13.30 – 15.00–17.00 Introduction to Soil and Water Bioengineering for ecological restoration. *Sangalli P., Arizpe D., Pirrera G. & Stangl R.*

Room: [A2/E22 \(Aulari II - General Lecture Hall II\)](#)

8.30–11.30 – 13.30–16.30 Prioritizing restoration areas using Spatial Multicriteria Analysis. *Mchich Derak & Jordi Cortina-Segarra*

**17.00–18.00 | Restoring nature, reconnecting people: the 13th European Conference on Ecological Restoration for beginners** (Room: Rafael Altamira – Seu Ciutat d'Alacant, Alicante city centre)

**17.00 | Registration and delivery of documentation** (Panoramis Terrace, Alicante city centre)

**19.00–21.00 | Welcome party** (Panoramis Terrace, Alicante city centre)

– Welcome addresses by:

*Dr. Jordi Cortina*, Chair European Chapter, Society for Ecological Restoration and SERE 2022 Conference organizer.

*Dr. James Hallett*, Chair of the Board of Directors, Society for Ecological Restoration.

*Dr. Cara Nelson*, Leader Ecosystem Restoration Thematic Group, Commission on Ecosystem Management, IUCN.

*Mr. Stefan Leiner*, Head of Unit Natural Capital & Ecosystem Health (ENV.D.2) Directorate-General for Environment, European Commission.

*Mr. Manuel Villar*, Deputy Mayor and Councilor for the Environment, City Council of Alicante.

*Dr. Amparo Navarro*, President of the University of Alicante.

– Cocktail

– Exhibition of traditional Alicante music, folk dances, and costumes.



**Tuesday, 6th September 2022** (Main Hall Aulari II – General Lecture Hall II, University of Alicante)

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**08.30 | Registration and delivery of documentation**

**Tuesday, 6th September 2022** (Sala d'actes Aulari II – Auditorium General Lecture Hall II, University of Alicante)

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**9.15–10.00 | Opening ceremony**

9.15 | Salutation. Juan Mora, Vicerrector de la Universidad de Alicante (Deputy President of the University of Alicante).

9.20 | Welcome address. Jordi Cortina-Segarra, Chair of SER Europe

9.30 | Introducing online speakers. Juan Mora, Vicerrector de la Universidad de Alicante (Deputy President of the University of Alicante).

9.35 | Welcome address. Mireia Mollà, Consellera d'Agricultura, Desenvolupament Rural, Emergència Climàtica i Transició Ecològica de la Generalitat Valenciana (Secretary of Agriculture, Rural Development, Climate Emergency and Ecological Transition of the Regional Government of Valencia)

9.40 | Welcome address. Hugo Morán, Ministerio para la Transición Ecológica y el Reto Demográfico del Gobierno de España (Secretary of State for the Environment, Ministry for the Ecological Transition and the Demographic Challenge, Government of Spain)

9.45 | Welcome address. Virginijus Sinkevičius (online) (Commissioner D.G. Environment, Oceans and Fisheries)

9.50 | Official inauguration. Juan Mora, Vicerrector de la Universidad de Alicante (Deputy President of the University of Alicante).

**10.00–10.30 | Stefan Leiner (EC).**

*Chair. Anne Tolvanen*

**10.30–11.15 | Plenary I. Towards a Decade of Social-Ecological Restoration. Fischer, Joern**

*Chair. Anne Tolvanen*

*11.15–11.45 | Coffee*



**11.45–14.00 | W4. Rewilding: challenges and opportunities.** *Chair: José M. Rey Benayas*

11.45–12.00 | Rewilding agricultural landscapes.- *Rey Benayas, José M.*

12.00–12.15 | Exploring the potential for rewilding in Spain.- *Palau-Puigvert, Jordi*

12.15–12.30 | Scaling up rewilding. Nature as our ally in socio-economic challenges.- *Helmer, Wouter*

12.30–12.45 | Psychological and ecological potential of rewilding in different continents.- *Jiménez, Ignacio*

12.45–13.00 | Restoration of wild reindeer (*Rangifer tarandus tarandus*) ranges in Norway.- *Gundersen, Vegard*

13.00–13.15 | Evaluation of the habitat of *Lynx rufus* (Schreber, 1777) in two windfarms of Tamaulipas, Mexico.- *Sarmiento-Muñoz, Tania*

13.15–13.30 | Assessing the ecological suitability of the Irish landscape for the Eurasian lynx (*Lynx lynx*).- *Guilfoyle, Colin*

13.30–13.45 | Using a Restoration Diagnostic tool to assess barriers and opportunities to restoration: Experience of the Endangered Landscapes Programme .- *Thomas, David*

13.45–14.00 | Large-scale rewilding of European landscapes: concepts, monitoring and scenarios.- *Nestor Fernández*

13.45–15.00 | *Lunch*

**15.00–15.45 | Plenary 2. The United Nations Decade on Ecosystem Restoration: an opportunity to upscale restoration and to share good practices in Europe by 2030.-**  
*Besacier, Christophe*

*Chair: Kristín Svavarsdóttir*

**15.45–17.45 | S5. Restoration Monitoring.** *Chair: Susana Bautista*

15.45–16.00 | Evaluation of the restoration of formerly dyked marshes, using the recovery wheel 2.0.- *Gallet, Sébastien*

16.00–16.15 | Vegetation succession in abandoned fields: chronosequence data verified by permanent plots.- *Rehounkova, Klara*

16.15–16.30 | Social-ecological post hoc assessment of ecosystem restoration from a system archetype perspective.- *Pacheco-Romero, Manuel*



16.30-16.45 | Ecosystem composition, structure and function of afforested areas in Portuguese drylands.- *Köbel Batista, Melanie*

16.45-17.00 | Gathering knowledge on ecological restoration practices in European forest ecosystems.- *Rubio Cuadrado, Álvaro*

17.00-17.15 | Challenges in Monitoring Tree Survival and Development.- *Dwyer, Edward*

17.15-17.30 | Assessing the impact of post-fire restoration interventions using spectral vegetation indices: A case study in El Bruc, Spain.- *Dorado Guerrero, Bernat*

17.30-17.45 | How remote sensing choices influence monitoring and evaluation results of ecological restoration.- *Willemen, Louise*

**Tuesday, 6th September 2022** (A2/SOTANO room, Aulari II – General Lecture Hall II, University of Alicante)

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**11.45-13.45 | W1. Enhancing capacities for effective ecosystem restoration throughout the UN Decade and beyond.** *Facilitators: James G. Hallett (SER) & Cara R. Nelson (IUCN CEM & University of Montana)*

11.45-11.53 | Opening: Key gaps and capacity priorities for restoration to support the United Nations Decade on Ecosystem Restoration –*Besacier, Christophe (FAO)*

11.53-12:00 | Development of a Capacity, Knowledge and Learning Action Plan for the UN Decade –*Chazdon, Robin (Forestation International)*

12.00-12:20 | Proposed flagship products that could be elaborated in the context of the UN Decade –*Chazdon, Robin (Forestation International) and Andrea Romero (FAO)*

12:20-13.20 | Small group discussions on proposed flagship products

13.20-13.40 | Participants comments

13.40-13.45 | Closing remarks. *Besacier, Christophe (FAO)*

13.45-15.00 | Lunch

**15.45-17.45 | W3. Developing Guidance for Effective Ecosystem Restoration.**

*Facilitators: Boze Hancock (TNC), Emanuela Weidlich (Leuphana University), George Gann (SER & Institute for Regional Conservation), Robin Chazdon (Forestation International) & Victoria Gutierrez (Commonland)*

15.45-16.10 | Opening plenary

- Welcome and goals of the session – *Andrea Romero (FAO)*



- Background and development of Standards of Practice for Ecosystem Restoration – James G. Hallett (SER)
- Introduction to participant exercise – Cara R. Nelson (IUCN CEM & University of Montana)

16.10–17.20 | Small group discussions

17.20–17.45 | Closing plenary

- Participant comments
- Closing remarks, Christophe Besacier (FAO)

**Tuesday, 6<sup>th</sup> September 2022** (A2/D02 room, Aulari II – General Lecture Hall II, University of Alicante)

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**11.45–13.45 | W8. Ecosystem health, ecological restoration, and human health: let's identify and strengthen the linkages.** *Chair: Aronson, James*

*Prof. Ása Aradóttir*

*Dr. Katalin Torök*

*Dr. Melinda Halassy*

*Dr. Þórunn Wolfram Pétursdóttir*

*Dr. Eric Bourguignon*

13.45–15.00 | Lunch

**15.45–17.45 | W11. Mind Your Language! Restoration, Regeneration or Rewilding? What is the best way to communicate conservation strategies to the public?** *Chair:*

*Woodworth, Paddy*

*Woodworth, Paddy*

*Aronson, James*

*Peláez, Sara*

17.45–19.15 | Coffee + posters



13<sup>th</sup> SERE CONFERENCE  
5<sup>th</sup> – 9<sup>th</sup> SEP 2022  
ALICANTE, SPAIN



**Tuesday, 6<sup>th</sup> September 2022** (A2/C04 room, Aulari II - General Lecture Hall II, University of Alicante)

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**11.45–13.00 | W6.1 Education and Training in Ecological Restoration: Restoring hope – opportunities for international and inter-generational knowledge exchange.** *Chair: Rodríguez González, Patricia María*

11.45–11.50 | Introduction

11.50–12.10 | Wanted! Chief Ecosystem Orchestrators. – *Moolenaar, Simon Willem*

12.10–12.25 | WWF Spain experience on participation in ecological restoration. – *Melero de Blas, María*

12.25–12.40 | Facing-Fire: service learning for education and training in wildfires.– *Peña Molina, Esther*

12.40–13.00 | Knowledge transfer among sectors to improve good practices in European riparian restoration.– *Rodríguez González, Patricia María*

13.45–15.00 | Lunch

**15.45–16.45 | W6.2 Education and Training in Ecological Restoration: Restoring hope – opportunities for international and inter-generational knowledge exchange.** *Chair: Rodríguez González, Patricia María*

15.45–16.00 | Challenges and opportunities for international collaboration in ecological restoration learning from experiences in Puerto Rico. – *Kaufman, Breanna*

16.00–16.15 | YoungER's on the road for restoring ecosystems.– *Poalinelli Reis, Bruna*

16.15–16.30 | Experiences sharing: How YoungER's are contributing to education and training in ecological restoration.– *Poalinelli Reis, Bruna*

16.30–16.45 | YoungER Opportunity Board.– *Fraga Dornellas Cysneiros, Luísa*

16.45–17.15 | Discussion- opportunities for international and inter-generational knowledge exchange.– *María Nolan & YOUNG#ER*

17.45–19.15 | Coffee + posters



13<sup>th</sup> SERE CONFERENCE  
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**Tuesday, 6th September 2022** (A2/D03 room, Aulari II - General Lecture Hall II, University of Alicante)

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**11.45–12.15 | E4. MITECO. The Spanish National Restoration Plan within the framework of the National Strategy on Green Infrastructure.** *Manuel Oñorbe*

**12.15–12.45 | E11. European Investment Bank initiatives on ecological restoration.** *Stephen Hart*

**12.45–13.15 | E2. Living Building Challenge: A Visionary Path to Regenerative Buildings.** *Júlia Perez Torres*

**13.15–13.45 | E13. The International Network for Seed-based Restoration (INSR): A SER Section.** *Emma Ladouceur*

*13.45–15.00 | Lunch*

**15.45–16.15 | E9. Presentation of SERIAC, the new Iberoamerican and Caribbean chapter of the SER.** *Eduardo Arellano, Pilar Andrés*

**16.15–16.45 | E12. Struggling for climate neutrality in Europe: carbon sequestration as an opportunity for large scale restoration of agricultural soils.** *Pilar Andrés, Eduardo Arellano*



**Wednesday, 7th September 2022** (Main Hall Aulari II – General Lecture Hall II, University of Alicante)

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**08.00 | Registration and delivery of documentation**

**Wednesday, 7th September 2022** (Sala d'actes Aulari II – Auditorium General Lecture Hall II, University of Alicante)

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**8.30–9.15 | Plenary 3. The European Green Deal and Systemic approaches to Nature Restoration.** *Bruyninckx, Hans*

*Chair: Aveliina Helm*

**9.15–11.15 | S1.1 Restoration measures for landscape connectivity and implementation of Green Infrastructure.** *Chairs: Jiménez Franco, María Victoria and Rodríguez-Caro, Roberto C.*

9.15–9.30 | Learning from secondary succession to assist in the restoration of semi-arid oldfields in SE Spain.- *Robledano Aymerich, Francisco*

9.30–9.45 | Amphibian road mortality in Spain: SAFE Project and other initiatives of AHE.- *Caballero Díaz, Carlos*

9.45–10.00 | Rehabilitation of bog woodlands and alluvial forests – best practice and lessons learned.- *Willecke, Inga*

10.00–10.15 | Managing stress-inducing factors for better restoration outcomes, the case of low-lying Mediterranean Iberian coast.- *Lascurain Golferichs, José*

10.15–10.30 | The Role of Green Roofs in Urban Ecological Restoration.- *Liberalesso, Tiago*

10.30–10.45 | Do lowland semi-improved grasslands have a natural restorative capacity to revert to semi-natural grassland vegetation?.- *O'Rourke-Griffin, Sally*

10.45–11.00 | Recovering landscapes and its functionality. The holistic LIFE RIBERMINE project (Guadalajara, Spain).- *Martín Moreno, Cristina*

11.00–11.15 | Early drought prevents annual species to persist on a Mediterranean extensive green roof.- *Vidaller, Christel*

11.15–11.45 | *Coffee*





13<sup>th</sup> SERE CONFERENCE  
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ALICANTE, SPAIN



**11.45–13.15 | S1.2 Restoration measures for landscape connectivity and implementation of Green Infrastructure.** *Chair: Jiménez Franco, María Victoria*

11.45–12.00 | Identification of plant indicators for high pollinator diversity when prioritizing roadside restoration.- *Skrindo, Astrid Brekke*

12.00–12.15 | LIFE PRIMED (LIFE17NAT/GR/000511): promoting interdisciplinarity and ecosystem-based approach when restoring declined Mediterranean forest.- *Cambria, Vito Emanuele*

12.15–12.30 | A proposal for classifying nature-based solutions.- *Mayor Farguell, Xavier*

12.30–12.45 | Assessing limiting factors for natural regeneration in Mediterranean hedgerows.- *García de León, David*

12.45–13.00 | Composition and diversity of arbuscular mycorrhizal fungal communities associated with planted Mediterranean hedgerows.- *García de León, David*

13.00–13.15 | Designing diverse and functional green areas: a toolkit for decision makers.- *Magro, Sandra*

13.15–14.30 | *Lunch*

**14.30–15.15 | Plenary 4. Scaling up action for resilient wetland landscapes.** *Madgwick, Jane*

*Chair: Kris Decler*

**15.15–16.45 | S15. Management and Policy in Restoration.** *Chair: Sabine Tischew*

15.15–15.30 | Is it a Man's world? Gender bias in Ecosystem Restoration.- *Rohrer Rodriguez, Zoe*

15.30–15.45 | Identifying Training needs in Ecological Restoration at European scale.- *Corrià, Robin*

15.45–16.00 | Knowledge needs of restoration practitioners in southeastern Spain.- *Cortina-Segarra, Jordi*

16.00–16.15 | Management Prioritisation of Czech Natura 2000 Sites.- *Ivana, Jongepierova*

16.15–16.30 | Fifty Shades of Restoration in Italy: Analysis of Legal Tools and Drivers for Transformative Change.- *Ciscato, Eleonora*

16.30–16.45 | Is the proposed EU Nature Restoration Regulation "fit for purpose"?.- *Decler, Kris*

16.45–17.15 | *Coffee*



**17.15–19.15 | S13. Dryland Restoration.** *Chair: Fernando T. Maestre Gil*

17.15–17.30 | Land Degradation Neutrality, addressing land degradation beyond drylands and restoration.- *Martínez Valderrama, Jaime*

17.30–17.45 | Priority effects in dry grasslands: insights from a field experiment and implications for restoration.- *Alonso-Crespo, Inés María*

17.45–18.00 | Livestock grazing and ecosystem service delivery in global drylands.- *Maestre Gil, Fernando Tomás*

18.00–18.15 | Overgrazing reduces the ability of soil microbes to sustain dryland functioning: implications for ecosystem restoration.- *Neuenkamp, Lena*

18.15–18.30 | Maximizing runoff capture by vegetation by spatial modelling as a tool to enhance dryland restoration.- *Maggioli, Lisa*

18.30–18.45 | Establishing resource-conserving species-diverse patchy vegetation: a nature-based path forward to restore drylands.- *Bautista, Susana*

18.45–19.00 | Forest restoration in drylands is conditioned by climatic legacies.- *Guirado, Emilio*

**Wednesday, 7th September 2022** (A2/D01 room, Aulari II - General Lecture Hall II, University of Alicante)

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**9.15–11.15 | S2.1 Forest regrowth after land abandonment in Europe: extent, threats, and opportunities.** *Chairs: Espelta Morral, Josep Maria & Hampe, Arndt*

9.15–9.30 | What can ecosystem change over 30,000 years tell us about future ecological restoration options? Some hints from NE Portugal.- *Beja, Pedro (Invited keynote)*

9.30–9.45 | Outcomes and drivers of forest recovery.- *Cruz-Alonso, Verónica (Invited keynote)*

9.45–10.00 | Tree species diversity increase in Catalan forests is associated to forest history, connectivity, and management.- *Selwyn Alvarez, Miriam*

10.00–10.15 | Degree of ecological specialization in vegetation succession in Central European disturbed sites.- *Ballesteros, Miguel*

10.15–10.30 | The role of remnant trees differs among oak species in the colonization of pine plantations.- *Lorente Casalini, Olivia*

10.30–10.45 | Being in or out the climatic niche influences the performance of Pinus plantations in Spain.- *Perez Navarro, Maria Angeles*



10.45–11.00 | Recovering soil fungal communities in abandoned mined sites; how should we act?.- Alday, Josu G

11.00–11.15 | Plant–animal seed dispersal interactions as key drivers of ecological restoration in a changing world.- *Silveira Bueno, Rafael*

11.15–11.45 | *Coffee*

**11.45–13.15 | S2.2 Forest regrowth after land abandonment in Europe: extent, threats, and opportunities.** *Chair: Espelta Morral, Josep Maria & Hampe, Arndt*

11.45–12.00 | When nature concludes the forest transition – natural forest regrowth in the eyes of society.- *Winkel, Georg (Invited keynote)*

12.00–12.15 | Ten golden rules for reforestation – and when natural regeneration has a need for seed.- *Hardwick, Kate (Invited keynote)*

12.15–12.30 | Carbon offsetting through reforestation: how can society enable a great opportunity for sparsely populated areas.- *Martínez Sanz, Francisco Manuel*

12.30–12.45 | Mixed forest establishment in a degraded area in northern Spain – an experimental approach.- *Uzquiano, Sara*

12.45–13.00 | Long-term shrub encroachment of Mediterranean mountain grasslands in relation to climate and rewilding.- *Rincón Madroñero, Marina*

13.00–13.15 | Conclusions and perspectives

13.15–14.30 | *Lunch*

**15.15–16.45 | S10. Restoring Agricultural Land and Other Heavily Transformed Landscapes.** *Chair: Pilar Andrés Pastor*

15.15–15.30 | Restoration in the agricultural landscape as key to regenerative agriculture: summary of the EASAC report.- *Valkó, Orsolya*

15.30–15.45 | Assessing farm biodiversity in orchards to identify good management practices using a global online tool.- *Arellano, Eduardo*

15.45–16.00 | Using complementary diversity metrics to promote the resilience of agroforestry systems to climate change.- *Nunes, Alice*



16.00-16.15 | Soil C sequestration and P dynamics after restoration of arable croplands into grasslands in humid temperate areas.- *Merino, Agustin*

16.15-16.30 | Valle Salado Botanic Site: to restore the halophilic vegetation.- *Sangalli, Paola*

16.30-16.45 | Hydrological management of Castellet basin for taking control of avenues, forest fires, and improve biodiversity.- *Sorolla, Gina*

16.45-17.15 | *Coffee*

**17.15-18.45 | S17. Forest Restoration.** *Chair: Alejandro Valdecantos*

17.15-17.30 | Deciphering the performance of holm oak saplings to improve restoration success of Mediterranean forests.- *Juan-Ovejero, Raquel*

17.30-17.45 | Potential impacts of afforestation/deforestation scenarios on regional precipitation recycling in a Mediterranean area in SE Spain.- *Moutahir, Hassane*

17.45-18.00 | Plant functional diversity affects the macroinvertebrate community in a Hawaiian wet forest restoration.- *Sebastián González, Esther*

18.00-18.15 | Conservation and Restoration of Mediterranean *Taxus baccata* woods in southeastern Spain.- *Arizpe Ochoa, Daniel*

18.15-18.30 | Rehabilitation of cork oak forests through the involvement of the local population from Northwestern Tunisia.- *STITI, Boutheina*

18.30-18.45 | Five years\' experience of Natura2000 oak forest habitat restoration in Hungary.- *Aszalós, Réka*



**Wednesday, 7th September 2022** (A2/D02 room, Aulari II - General Lecture Hall II, University of Alicante)

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**9.15–11.00 | S8. Mine Restoration.** *Chair: Klara Rehounkova*

9.15–9.30 | “La Chanta” quarry: a study case of restoration and reconnecting people with nature.- *Gegúndez Cámara, Pilar*

9.30–9.45 | Using various artificial soil mixtures to restore dry grasslands in quarries.- *Buisson, Elise*

9.45–10.00 | Understanding biodiversity threats from mining construction minerals for conservation and restoration.- *Torres, Aurora*

10.00–10.15 | The effect of tree foliage traits on soil carbon storage depends on soil development.- *Frouz, Jan*

10.15–10.30 | Monitoring Quercus seedlings’ survival and growth beneath nurse shrubs in coal mines reclaimed to grasslands.- *Martínez-Ruiz, Carolina*

10.30–10.45 | Comparison between active and passive restoration in extractive activities.- *Montero, Pau*

10.45–11.00 | Meso and macro-fauna ecosystem engineers as indicators of restoration success in a rehabilitated mine tailings chronosequence. *Pelaez Sanchez, Sara*

11.15–11.45 | *Coffee*

**11.45–13.15 | W9. Soil and Water Bioengineering, a Nature based discipline between grey and green Infrastructures.** *Chair: Rosemarie Stangl*

11.45–12.00 | Soil and Water Bioengineering (SWB) is and has always been a Nature-Based Solution (NBS): a reasoned comparison of terms and definitions.- *Sangalli, Paola*

12.00–12.15 | Soil Substitutes for Sustainable Land Reclamation of Coal Mining-Affected Areas.- *Krzemien, Alicja*

12.15–12.30 | Solutions to the flooding of the Estepona river in the urban area of Bakio (Vizcaya) with Soil and Water Bioengineering.- *Sangalli, Sergio*

12.30–12.45 | Technosols for slope stabilization and ecosystem services maximization: pilot experiences and long-term results.- *Carabassa Closa, Vicenç*

12.45–13.00 | Functional biodiversity associated to soil bioengineering cribwalls.- *Mota, Bet*

13.00-13.15 | Using soil and germination models to predict seed germination in geomorphic restoration in mines.- *Tormo, Jaume*

13.15-14.30 | *Lunch*

**15.15-16.45 | W2. Flagship program in the Mediterranean Region UN Decade on Ecosystem Restoration.** *Chair. de Dato, Giovanbattista*

15.15-15.30 | Assessing the restoration activities in the Mediterranean for the Restoration Flagship Initiatives.- *de Dato, Giovanbattista*

15.30-15.45 | Forest and Landscape restoration in Lebanon A case study on post fire restoration.- *Mohanna, Chadi*

15.45-16.00 | Participatory forest restoration in the Talassemrane National Park, North Morocco.- *Derak, Mchich*

16.00-16.15 | *The co-management of forest landscapes: An innovative approach for climate change adaptation and mitigation measures.*- *Boufaroua, Mohamed*

16.15-16.30 | Restoration/Rehabilitation activities in Turkiye and its Carbon Benefits.- *Ozdemir, Eray*

16.45-17.15 | *Coffee*

**17.15-19.00 | S6. Restoration Planning.** *Chair. Johannes Kollmann*

17.15-17.30 | Contrasting vegetation, soil, and climatic drivers determine plant contribution to soil carbon stocks globally.- *Dacal, Marina*

17.30-17.45 | Ecosystem multifunctionality in Mediterranean-type ecosystems – a matter of species composition and environmental conditions.- *Fiedler, Sebastian*

17.45-18.00 | Spatial restoration design: insights from theory.- *Gawecka, Klementyna*

18.00-18.15 | BirkiVist: Trans-disciplinary research to support scaling-up of woodland restoration.- *Aradottir, Asa Lovisa*

18.15-18.30 | Forest Restoration Productive Chain: Challenges And Opportunities In The Involvement Of Local Communities.- *Ferreira Abrahão, Leandro Luiz*

18.30-18.45 | Planning for landscape-scale restoration: which tools do we need?.- *Helm, Aveliina*



18.45-19.00 | Assessing restoration suitability and regeneration potential for reforestation success in Panamá Canal Area.- *Bardino, Giulia*

19.00-19.15 | The importance of investing in human resources to achieve large-scale forest restoration goals in south-eastern Brazil.- *Barbosa, Karina Cavalheiro*

**Wednesday, 7th September 2022** (A2/C04 room, Aulari II - General Lecture Hall II, University of Alicante)

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**9.15-11.15 | S11. Response to Risks and Disturbances.** *Chair: Víctor Santana*

9.15-9.30 | The role of invasive species control and assembly on restoration.- *Weidlich, Emanuela W. A.*

9.30-9.45 | Vegetation degradation promotes the invasion potential of *Impatiens glandulifera* in an oligotrophic mountain habitat.- *Nikolic, Nina*

9.45-10.00 | Return of a native Mediterranean ant community after *Carpobrotus* removal on a small island.- *Blaya, Romane*

10.00-10.15 | How do native species compete against the reproductive success of exotic pines after fires? A restoring approach.- *Ovalle, Juan*

10.15-10.30 | Post-fire management: restoration tools in semiarid aleppo pine forests (se spain).- *Moya, Daniel*

10.30-10.45 | Multifunctionality of Mediterranean landscapes is increased by the application of different post-fire management actions.- *Moghli, Aymen*

10.45-11.00 | Climate impacts on radial growth of *Quercus suber* growing in the Northwest of Tunisia.- *Stiti, Boutheina*

11.00-11.15 | Root properties relevant for erosion control, and vegetation morphometry using LIDAR in a field experiment.- *Virgil Alexandru, Iordache*

11.15-11.45 | *Coffee*

**11.45-13.00 | S12.1 Grassland Restoration I.** *Chair: Elise Buisson*

11.45-12.00 | The long-term effect of restoration practices and landscape composition on the success of sand grasslands restoration.- *Poalinelli Reis, Bruna*



12.00-12.15 | No mid-term detrimental effects of soil disturbance linked to grassland restoration on established ground-dwelling invertebrates.- *Slodowicz, Daniel*

12.15-12.30 | Restoration of dry and sandy habitats in Brandenburg, Germany by LIFE projects.- *Ruffer, Janine*

12.30-12.45 | Dry Grassland Restoration Activities in the Dinara back to LIFE project – experiences and challenge.- *Skunca, Luka*

12.45-13.00 | Application of regeneration potential trajectories to prioritize ecological restoration interventions in the Hungarian sand regions. - *Csákvári, Edina*

13.15-14.30 | *Lunch*

**15.15-16.45 | S12.2 Grassland Restoration II.** *Chair: Melinda Halassy*

15.15-15.30 | Costs and benefits of grassland reconstruction in an industrial area.- *Halassy, Melinda*

15.30-15.45 | Spontaneous grassland recovery in an open alkali landscape - restoration of a former military area.- *Deák, Balázs*

15.45-16.00 | Reintroduction of mowing on steep slopes increases species diversity of a grassland after abandonment.- *Yamada, Susumu*

16.00-16.15 | Recovery of plant-bumblebee interactions in restored semi-natural grasslands.- *Reitalu, Triin*

16.15-16.30 | Plant establishment during the restoration of species rich grasslands.- *Mudrák, Ondrej*

16.30-16.45 | Long-term assessment of restored species-rich grassland in Germany.- *Kirmer, Anita*

16.45-17.15 | *Coffee*





**17.15–19.15 | W10. The LIFE programme: Practical examples of EU funding supporting Nature Restoration.** *Chair: Ana Nava; Sylvia Barova*

LIFE success stories on ecological restoration – LIFE N2K revisited.- Broumova, Radka

LIFE success stories on ecological restoration – LIFE TECMINE.- Olmo, Beatriz

LIFE success stories on ecological restoration – LIFE to Alvars.- Helm, Aveliina

**Wednesday, 7th September 2022** (A2/C03 room, Aulari II – General Lecture Hall II, University of Alicante)

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**9.15–10.15 | E1. Commonland. Landscape Restoration as a means of delivering the EU Green Deal: Recommendations.** *Victoria Gutiérrez; Amanda del Rio; Yurena Lorenzo; Jordi Cortina.*

**10.30–11.00 | E5. Land Life: examples and challenges in nature restoration through Voluntary Carbon Markets.** *Francisco Purroy*

*11.15–11.45 | Coffee*

**11.45–12.15 | E6. Ecoembes. “Los Sistemas Colectivos de Responsabilidad Ampliada del Productor (SCRAP) y las experiencias de restauración ecológica”.** *Esperanza Alvarez Garcia*

**12.15–12.45 | E7. CEMBUREAU’s vision for biodiversity in and around quarries over the coming decades.** *Alexandra Silva*

*13.15–14.30 | Lunch*



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**Thursday, 8th September 2022 | Mid conference field tours**

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**09.00–18.30 | #1 Restoration of a highly transformed semiarid landscape.** – Meeting point: University of Alicante Campus, Sant Vicent del Raspeig

**09.00–17.00 | #2. Promoting resilience through restoration actions in Mediterranean fire-prone areas.** – Meeting point: University of Alicante Campus, Sant Vicent del Raspeig

**08.30–17.15 | #4. Coastal restoration.** – Meeting point: University of Alicante Campus, Sant Vicent del Raspeig

**09.00–16.00 | #5. Restoration of Mediterranean rivers and flood management.** – Meeting point: University of Alicante Campus, Sant Vicent del Raspeig

**09.00–18.00 | #6. Wetland restoration for birds – Birdwatching** – Meeting point: University of Alicante Campus, Sant Vicent del Raspeig

**10.30–17.30 | #7. The restoration of coastal shores and marine habitats–Snorkeling.** – Meeting point: Alicante port: Kontiki boats dock, Alicante

**09.00–18.00 | #8. Restoration of metalliferous mining sites in the Cartagena-La Unión mining district.** – Meeting point: University of Alicante Campus, Sant Vicent del Raspeig

**08.00–18.00 | #9. Quarry restoration.** – Meeting point: University of Alicante Campus, Sant Vicent del Raspeig

**08.00–18.30 | #10. The environmental crisis of the Mar Menor coastal lagoon: The great challenge of ecological restoration in the coming decades.** – Meeting point: University of Alicante Campus, Sant Vicent del Raspeig

**09.00–17.30 | #11. Experimental restoration of semiarid degraded lands.** – Meeting point: University of Alicante Campus, Sant Vicent del Raspeig

**09.00–17.30 | #12. Conservation and restoration of Mediterranean landscapes.** – Meeting point: University of Alicante Campus, Sant Vicent del Raspeig

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**20.30 – 24.30 | Gala dinner at Hotel Melià Alicante**



**Friday, 9th September 2022** (Main Hall Aulari II – General Lecture Hall II, University of Alicante)

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**08.00 | Registration and delivery of documentation**

**Friday, 9th September 2022** (Sala d'actes Aulari II – Auditorium General Lecture Hall II, University of Alicante)

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**8.30–9.15 | Plenary 5. Past, present and future directions in marine restoration.**

*Linares, Cristina*

*Chair: Cristina Gambi*

**9.15–11.15 | S9. Large-scale rewilding across Europe – Can we overcome challenges to achieve a historic opportunity?** *Chair: Aykroyd, Toby*

9.15–9.20 | Introduction to the session, Toby Aykroyd Director Wild Europe Foundation

9.20–9.40 | Underlying principles for a strategy – drawing solutions from past challenges. *Ladislav Miko*, Lead Environmental Advisor to the 2022 EU Presidency and EU representative at COP15 in Montreal, former Head of Natural Environment at the European Commission, Wild Europe Trustee

9.40–9.50 | Large scale natural process restoration – planning for the benefits & challenges

*Kris Decler*, Board Member, Society for Ecological Restoration, Senior Researcher INBO

9.50–10.00 | A supporting framework for successful rewilding strategy (video)

*Erika Stanciu*, Chair of World Council for Protected Areas (WCPA) Europe, former Secretary of State for Forests in Romanian government, Chair of Wild Europe

10.00 – 10.10 | EU & wider European restoration strategy – insights from a global perspective

*Cara Nelson*, Chair of the Ecosystem Thematic Group for IUCN CEM

10.10 – 10.20 Funding the strategy, the need for extensive reforms

*Toby Aykroyd*, Director of Wild Europe Foundation

10–20–11.15 Open Session: building a successful restoration strategy, the session will hear opinions from the audience.

Led by Ladislav Miko, with Toby Aykroyd moderating, Kris Decler and Cara Nelson.

11.15–11.45 | *Coffee*

**11.45–13.00 | W5. WWF–SER Standards for the Certification of Forest Ecosystem Restoration.** *Chair: Cagide Elmer, Natalia J.*

11.45–12.00 | Introduction to the *WWF–SER Standards for the Certification of Forest Ecosystem Restoration Projects* (Forest Programme Coordinator, WWF Spain)

12.00–12.15 | Restoration of the fire degraded area of Las Peñuelas and practical considerations in the application of the *WWF–SER Standards for the Certification of Forest Ecosystem Restoration Projects*.– Miguel Ángel Maneiro Márquez (Regional Governmental Representative, Junta de Andalucía)

12.15–12.30 | Restoration plan of public forests affected by the forest fire in "Las Peñuelas", in 2017: western sector of the Doñana Natural Park, Coto Mazagón and Ordenados de Moguer.– Juan Gorostidi (Technical project auditor, SER–E)

12.30–12.45 | Evolution and Future of the *WWF–SER Standards for the Certification of Forest Ecosystem Restoration Projects*.– George Gann (International Policy Lead, SER)

12.45–13.00 | Professional Roundtable: 3–4 international subject matter experts in European forestry restoration projects and use of standards:

13.15–14.30 | *Lunch*

**14.30–15.15 | Plenary 6. Closing plenary. Ecological Connectivity in the Spotlight of the Restoration Agenda.**

Andrea Meza, Amy Fraenkel and Barron J. Orr

*Chair: Susana Bautista*

**15:15–16.00 | E10. UNCCD: Ecological connectivity: an essential component of ecosystem restoration.** *Barron J. Orr, Vittoria Semplici*

**16.00–17.30 | SERE Membership Meeting**

17.30–18.00 | *Coffee*

18.00–18.45 | *Closure*



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**9.15–11.30 | S4. Restoration in the Mediterranean Sea: are we ready for scaling up?**

*Chair: Bianchelli, Silvia*

9.15–9.30 | The challenge of marine ecosystems' restoration in a changing ocean.- *Gambi, Cristina*

9.30–9.45 | Setting restoration targets under climate changes: the case study of Mediterranean macroalgal forests.- *Fabbrizzi, Erika*

9.45–10.00 | Following the roadmap for Mediterranean Macroalgal forests restoration: a case study from the Adriatic Sea.- *Bianchelli, Silvia*

10.00–10.15 | AFRIMED and algal forest restoration in the Mediterranean: stakeholder beliefs on feasibility, acceptance and barriers.- *Papadopoulou, Konstantia*

10.15–10.30 | The LIFE SEPOSSO proposal for the planning, implementation, and monitoring of *Posidonia oceanica* transplantations.- *La Porta, Barbara*

10.30–10.45 | Exploring the timescales needed to recover the functioning of Mediterranean coralligenous assemblages through active restoration.- *Zentner Murlans, Yanis*

10.45–11.00 | Quantifying the ecosystem service benefits of Mediterranean *Cystoseira* macroalgal forests.- *Critchley, Megan*

11.00–11.15 | Towards the restoration of macroalgal forests in the mediterranean sea: major challenges and wins.- *Chiantore, Mariachiara*

11.15–11.30 | *Posidonia oceanica* transplantation: insights and lessons from Italy.- *Bacci, Tiziano*

11.15–11.45 | *Coffee*

**11.45–13.00 | S14. Hydrological Restoration.** *Chair: Patricia Rodríguez*

11.45–12.00 | Estimating the value of newly restored riparian and tidal marsh areas to recreational hunters.- *Matzek, Virginia*

12.00–12.15 | Global assessment of the biological condition of rivers via fish and macroinvertebrate assemblages.- *Feio, Maria João*



12.15-12.30 | River-human connections and affinity for nature of local populations to regulated rivers.- *Aguiar, Francisca C.*

12.30-12.45 | River regulation induces functional alterations in the aquatic communities.- *Feio, Maria João*

**Friday, 9th September 2022** (A2/D02 room, Aulari II - General Lecture Hall II, University of Alicante)

**9.15-11.05 | W7. Addressing the climate emergency through citizen-driven forest restoration projects.** *Chair: Moore, Chrystal; Sabate, Santiago*

9.15-9.25 | The 4 Returns Approach to Landscape Restoration: opportunities & challenges.- *Moolenaar, Simon Willem*

9.25-9.35 | Building environmental awareness and addressing climate change through forest restoration in a fire-prone landscape (North-eastern Spain).- *Duguy Pedra, Beatriz*

9.35-9.45 | Restor. A Science Based Platform to Enable and Accelerate the Restoration of Earth's Ecosystems.- *Max, Simeon*

9.45-9.55 | Species selection for sustainable tree planting under a rapidly changing climate.- *Allasia Grau, Samuel*

9.55-10.05 | How to support educators from different countries with teaching sustainability, and evaluate the programme's success.- *Gregori Montaner, Aroa*

10.05-10.15 | Empowering individuals and organisations to lead climate action through tree planting: Terra Leaders.- *Gregori Montaner, Aroa*

10.15-10.25 | Engage citizens to take positive climate action by developing tools for measuring their climate impact.- *Moore, Chrystal*

10.25-10.35 | Engaging citizens to gather useful data regarding tree plantings.- *de Santana, Tiago*

10.35-10.45 | Estimation of live carbon storage in a continental-scale plantation.- *Sauras-Yera, Teresa*

10.45-10.55 | SUPERB - Systemic solutions for upscaling of urgent ecosystem restoration for forest-related biodiversity and ecosystem services.- *Alberdi, Iciar*

10.55-11.05 | LIFE TECMINE Project. Innovative Techniques for Landscape Recovery after Clay Mining under Mediterranean Conditions.- *Morcillo, Luna*

11.15-11.45 | *Coffee*



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**11.45–13.00 | S16. Society and Restoration.** *Chair: Alice Nunes*

11.45–12.00 | The potential socioeconomic impact of the forest restoration chain in a basin of high social vulnerability in South-eastern Brazil.- *Tieppo, Felipe Maraue Marques*

12.00–12.15 | Implications of social preferences in restoration planning based on cost-effectiveness.- *Silva, Elysa*

12.15–12.30 | What influences public attitudes toward river restorations?.- *Junker-Koehler, Berit*

12.30–12.45 | Theatre to promote public awareness for the rehabilitation of urban streams.- *Montenegro, Mário*

12.45–13.00 | Management towards multiple ecological and socio-economic functions in rainforest transformation systems: An agent-based modelling approach.- *Fiedler, Sebastian*

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**9.15–11.15 | S7. Restoration in Wetlands.** *Chair: Sébastien Gallet*

9.15–9.30 | Wetlands, a key ecosystem to tackle climate change.- *Aguirre, Ernesto*

9.30–9.45 | Restoration of formerly extracted raised bogs – vegetation succession and recovery of other trophic groups.- *Prach, Karel*

9.45–10.00 | Peatlands under pressure? Hidden side-effects of aeolian dust dispersal in Iceland.- *Möckel, Susanne Claudia*

10.00–10.15 | Restoring mediterranean wetlands in corsica: methodology, field results and challenges.- *Emmanouilidou, Pantelina*

10.15–10.30 | Restoring mediterranean wetlands part II: methodology, field results and future challenges.- *Emmanouilidou, Pantelina*

10.30–10.45 | Restoring akrotiri salt lake in lady's mile, cyprus: field results, lessons learned and future challenges.- *Sergides, Lefkios*

10.45–11.00 | A network for wetland restoration in Brittany (France).- *Armel, Dausse*

11.00–1.15 | Characteristics of vegetation of formerly dyked marshes. Analysis of composition and spatial organization in comparison to reference sites.- *Salgueiro-Simon, Manuel*



11.15-11.45 | *Coffee*

**11.45-13.15 | S3. Ecological integration and restoration of solar parks.** *Chair: Armin, Bischoff*

11.45-12.00 | A decision support tool to improve solar park management for ecosystem services.- *Armstrong, Alona*

12.00-12.15 | Photovoltaic power station : an opportunity to restore semi-naturel European grassland.- *Quentin, Lambert*

12.15-12.30 | Ecosystem responses to solar park development in the UK.- *Carvalho Gomes da Silva, Fabio*

12.30-12.45 | Solar park construction - evaluation of ecological impact, compensation and restoration strategies.- *Armin, Bischoff*

12.45-13.00 | Study of ecosystem services generated in an experimental design combining green roofs and photovoltaic panels.- *Belin, Marie*

13.00-13.15 | Assessing the impact of solar parks on vegetation, microclimate and soil properties.- *Obriejetan, Michael*

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**9.15.10.15 | E3. Sylvestris: Carbon offsetting through reforestation. How can society enable a great opportunity for sparsely populated areas.** *Francisco Manuel Martínez Sanz*

**10.30-11.00 | E8. SER: International Principles and Standards for the Ecological Restoration and Recovery of Mine Sites.** *George Gann*