Monday, 5th September 2022

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

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


Room: [A2/E22 (Aular II - General Lecture Hall II)]


**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)

**08.30 | Registration and delivery of documentation**

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

**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*


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**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


12.30-12.45 | 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

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)

**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 (Forestration International)

12.00-12.20 | Proposed flagship products that could be elaborated in the context of the UN Decade — Chazdon, Robin (Forestration International) and Andrea Romero (FAO)

12.20-13.20 | Small group discussions on proposed flagship products

13.20-13.40 | Participants comments


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 (Forestration 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, 6th September 2022 (A2/D02 room, Aulari II – General Lecture Hall II, University of Alicante)


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
Tuesday, 6th September 2022 (A2/C04 room, Aulari II – General Lecture Hall II, University of Alicante)


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


15.45–16.00 | 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, Luisa
16.45–17.15 | Discussion – opportunities for international and inter–generational knowledge exchange. – Maria Nolan & YOUNG#ER

17.45–19.15 | Coffee + posters
Tuesday, 6th September 2022 (A2/D03 room, Aulari II - General Lecture Hall II, University of Alicante)

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


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

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

08.00 | Registration and delivery of documentation

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


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). – Martin 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
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


Chair: Kris Decleer


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’?. - Decleer, 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. – Maggioni, 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

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

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
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. – Gegundez 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


11.45–12.00 | 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 (Vizkaya) 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 Talassemtane 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


16.45-17.15 | 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 | BirkVist: 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, Avelliina
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)


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 apleo 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. - Mogli, 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. - Poatinelli 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, Avelina

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

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


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
Thursday, 8th September 2022 | Mid conference field tours

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)

**08.00 | Registration and delivery of documentation**

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**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 Decleer*, 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 Decleer 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


Andrea Meza, Amy Fraenkel and Barron J. Orr

Chair: Susana Bautista


16.00-17.30 | SERE Membership Meeting

17.30-18.00 | Coffee

18.00-18.45 | Closure
Friday, 9th September 2022 (A2/D01 room, Aulari II - General Lecture Hall II, University of Alicante)

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


9.25-9.35 | 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

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


12.30–12.45 | 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

Friday, 9th September 2022 (A2/C04 room, Aulari II – General Lecture Hall II, University of Alicante)

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

11.00–11.15 | 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

Friday, 9th September 2022 (A2/C03 room, Aulari II – General Lecture Hall II, University of Alicante)

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