PRELIMINARY PROGRAM

MONDAY 04 September

08:00 Participants reception & Registration

08:50 Opening Session

09:00 PLENARY LECTURE in SESSION Current trends in invasive plant ecology

Petr Pyšek CAS, Czech Republic

Current trends in plant invasion research

09:50 COFFEE BREAK

10:20 PARALLEL SESSIONS

SESSION Current trends in invasive plant ecology

Franz Essl The GloNAF-initiative: new insights into the biogeography and macroecology of global plant species invasions

Jennifer L Bufford Signs of evolution? Examining fecundity and seed size of Rumex spp. across climates in the native and introduced range

Ana Novoa When can we make generalizations in invasion science?

Bruce Osborne Timing is Still Everything: Early Growth and Development Underpins the Success of an Alien Perennial Herb in a Coastal Grassland Ecosystem

SESSION How to promote and benefit from the collaboration of citizens?

Ross Shackleton Engaging stakeholders and understanding drivers of local knowledge and perceptions of invasive species to improve understanding and management of biological invasions

Andrew Wannenburgh Achievements and challenges in South Africa’s terrestrial invasive alien plant control programme

Madli Linder Recent outcomes of alien hogweeds control activities in Estonia

SESSION Risk assessment and implementation of prevention tools

Oscar Cacho Allocating resources to manage invasive plant populations

Benno Augustinus Ophraella communaria, a potential biocontrol agent of Ambrosia artemisiifolia in Europe: climate dependent demography and impact

Sabrina Kumschick Alien species classification according to their impact

Philip Hulme Integrating invasive species policies across ornamental horticulture supply-chains to prevent plant invasions

11:50 POSTER SESSION

12:20 LUNCH
14:00 PLENARY LECTURE in SESSION How to promote and benefit from the collaboration of citizens?

**Helen Roy** CEH, England  
Unravelling the ecology of biological invasions through citizen science

14:50 PARALLEL SESSIONS

**SESSION Current trends in invasive plant ecology**

Jason Verbeek Can a common invader impact community diversity through the exchange of shared enemies?

S. Luke Flory Interactive effects of drought and plant invasion on longleaf pine communities

Christiane Werner Assessing the spatial impact of an N₂-fixing plant invader across heterogeneous environments using a combined isotope - remote sensing approach

Daniel Montesinos Tautological assumptions about invasive traits: when non-invasive exotics present the same trait-shifts that invasives

**SESSION How to promote and benefit from the collaboration of citizens?**

Basoinsa* EEIKO: A multiplatform application for invasive alien plant species control  
*presenter’s name to be confirmed

Eugenio Gervasini European Alien Species Information Network (EASIN): supporting scientific research & European policies

Jetske Vaas Participatory mapping of hotspots: where to keep the invaders out?

**SESSION Modelling plant invasions: the role of climate, traits and socioeconomy**

Hana Skálavá Distribution and competitors to *Ambrosia artemisiifolia* in the Czech Republic

Margherita Gioria Seed bank density and persistence as predictors of species invasiveness

Katarzyna Bzdega Geostatistical modelling of seasonal variation of invasive plant species with the use of hyperspectral data

Konstantin Ochs Macrophyte control by managed flows using habitat suitability modelling

16:20 COFFEE BREAK

16:50 PRACTITIONERS CORNER

Henrique Pereira LIFE Biodiscoveries project

17:10 PARALLEL SYMPOSIA

Ross Shackleton Factors driving people’s knowledge and perceptions of invasive species

Jorge Oliveira-Costa and Vânia Pivello The importance of phenotypic plasticity to invasiveness among plant communities

18:10 Informal Inspirational talks in the afternoon with a senior researcher, David Richardson CIB, South Africa
TUESDAY 05 September

09:00 PLENARY LECTURE in SESSION Risk assessment and implementation of prevention tools

Pilar Castro Díez  
**UAH, Spain**

Impacts of non-native trees on multiple ecosystem services: A worldwide review

09:50 COFFEEBREAK

10:20 PARALLEL SESSIONS

**SESSION Current trends in invasive plant ecology**

Heinke Jäger  
*Over 40 years of Cinchona pubescens invasion in Galapagos: coming to a natural end?*

Andrea Westerband  
*Functional trait responses of Hawaiian native and invasive plants across spatial scales and a precipitation gradient*

María Loreto Castillo  
*Can local adaptation facilitates range expansions? Prosopis invasions in East Africa as an example*

Pedro M. Antunes  
*Is mediation of plant invasion by soil biota context dependent?*

**SESSION How to promote and benefit from the collaboration of citizens?**

Luke Potgieter  
*Public Perceptions of Urban Plant Invasions: An Ecosystem Service Perspective*

Silvia da Fatima Langa  
*Socio-economic impact of water weeds in the Incomati River in Mozambique*

Charlie Shackleton  
*The role of invasive alien species in shaping local livelihoods and human well-being*

**SESSION Risk assessment and implementation of prevention tools**

Elizabete Marchante  
*Are Botanic Gardens still actively dispersing invasive plant seeds*

Max Wade  
*Lessons to learn from plant species of EU concern in the assessment of future risk, prevention and management in the British and Irish Isles*

David Galicia-Herbarda  
*A generic and high-resolution spatial assessment of the invasion risk in Spain*

Patrícia Fernandes  
*Forestry species and the risk of invasion to neighbouring ecosystems: Pinus pinaster and Eucalyptus globulus*

11:50 POSTER SESSION

12:20 LUNCH
14:00 PLENARY LECTURE by Harold Mooney Stanford University, USA

Plant invasions in an era of global environmental changes and future uncertainty

14:50 PARALLEL SESSIONS

SESSION Current trends in invasive plant ecology

Eva Maria Malecore Does heterospecific pollen interference increase resistance of native communities against alien plants?

Lenka Moravcová Does seed persistence in the soil play a role in species invasiveness? Insights from burial experiments.

Angelica Lopez Phylogenetic niche conservatism in the spread of invasive grasses in Australia

Jesse Kalwij Reaching new heights: alien plant dynamics in a montane ecosystem

SESSION Risk assessment and implementation of prevention tools

Robert Tanner Accommodating impacts on ecosystem service in risk analysis: the EPPO way.

Ayşe Yazlık Global assessment of alien plant impacts using the Environmental Impact Classification for Alien Taxa (EICAT)

Karen Castro The challenge of weed risk analysis for biofuel crops in Canada

SESSION The impact and consequences of biological invasions

Jan-Hendrik Keet Assessing the impacts of invasive legumes on soil conditions and microbial community composition in a biodiversity hotspot

Jonatan Rodríguez Novel interactions between Carpobrotus edulis and invertebrate species in the native and non-native range

Ana Sofia Lino Vaz Effects of non-native tree species on cultural ecosystem services: An assessment approach with insights from the Iberian Peninsula


16:20 COFFEE BREAK

16:50 PRACTITIONERS CORNER

Miguel Ferreira A hands on approach to Invasive Species Control at the Azores islands

17:10 PARALLEL SYMPOSIA

Henrique Pereira and Mauro Hilário Lessons learned – plant invasion control in practice

Florian Ulm, Rui Elias et al. Risks and challenges on valorizing the use of IAS

Richard Shaw, Elizabete Marchante et al. Why so little biocontrol of plant invasions in Europe: what are the real issues?

18:10 ROUND TABLE

Speaking about Invasives with a native taste
WEDNESDAY 06 September

09:00 PLENARY LECTURE in SESSION Modelling plant invasions: the role of climate, traits and socioeconomy

Ingolf Kühn, UFZ, Germany
Modelling plant invasions: the role of climate, traits and socioeconomy

09:50 COFFEEBREAK

10:20 PARALLEL SESSIONS

SESSION Current trends in invasive plant ecology
Sarka Jahodova Molecular ecology of three invasive *Heracleum* species in Europe
Krystal A. Nunes Comparative impacts of aboveground and belowground enemies on an invasive thistle
Mari Cruz Diaz-Barradas Plant response to water stress of native and non-native *Oenothera drummondii* Hook. populations
Maria Cristina Morais Will drought stress promote invasion by *Hakea sericea* in Mediterranean-type ecosystems?

SESSION Modelling plant invasions: the role of climate, traits and socioeconomy
Andrew O’Reilly-Nugent Functional distinctiveness in plant invasions
Bernd Lenzner Evolutionary history as driver of plant invasion success: the role of diversification rates
Tiffany Knight Functional and phylogenetic effects on abundance of native and alien species across spatial scales
Emily Haeuser Non-naturalized alien garden plants are more competitive against resident species under climate change

SESSION Biosecurity and management of alien plant invasions
Philip Weyl The Nagoya Protocol: implications for classical biological control and the management of invasive plant species
Nkoliso Magona Australian Acacia species in South Africa: an assessment of introduction status and potential for eradication
Michaela Vítková Controversial *Robinia pseudoacacia* in Europe – a site-specific strategy for sustainable management
Rui Botelho Management of alien plant invasions in five priority habitats for conservation in the Azores: achievements and failures in 15-years of experience

11:50 POSTER SESSION

12:20 LUNCH
14:00 PLENARY LECTURE in SESSION Biosecurity and management of alien plant invasions

John Wilson CIB/SANBI, South Africa
Monitoring and reporting on plant invasions at a country level

14:50 PARALLEL SESSIONS

SESSION Modelling plant invasions: the role of climate, traits and socioeconomy

Daniel Chapman Improving invasive species distribution models using prior knowledge and casual occurrences
Montserrat Vilà Comparative Patterns of Plant Invasions in the Mediterranean Biome
Lua Andrea Alves-Burgos Predicting plant Invasiveness using climatic niche traits: A framework for prioritizing invasive plant control in Chile
Rakhi Palit Factors influencing naturalisation and invasion success in woody horticultural species

SESSION Biosecurity and management of alien plant invasions

Suzanne Lommen Can novel methods control ragweed? Assessing long-term efficacy by experimentation and demographic modeling
Iain Paterson The more the merrier for Pereskia aculeata biocontrol? Perhaps not!
John Brock Established alien invasive trees and probable invader trees in Arizona, USA
Jan Sliva How far is Europe united in the fight alien plant invasions?

SESSION The impact and consequences of biological invasions

Elizabeth Wandrag Partitioning of seedling microsites can facilitate invader establishment in native grasslands but limit their impact
Florian Ulm How Acacia longifolia engineers its soil: From hitchhiking nurse plants to disrupting N/P cycles
Llewellyn Foxcroft Below-ground impacts of selected invasive alien plants in Kruger National Park, South Africa
Mauricio Mantoani Gunnera tinctoria invasions in Ireland: impacts on greenhouse gas emissions and soil carbon and nitrogen and the effects of removal

16:20 COFFEE BREAK

16:50 PRACTITIONERS CORNER*

* To be confirmed

17:10 PARALLEL SYMPOSIA

Daniel S. Chapman, Rob Tanner et al. Distribution models to support and improve plant risk assessments: challenges, applications and new opportunities
Pedro M. Antunes and Peter Kotanen Accounting for soil biota feedbacks in invasive plant management

20:30 CONGRESS DINNER
THURSDAY 07 September

09:00 PLENARY LECTURE in SESSION The impact and consequences of biological invasions

Ruben Heleno CFE, Portugal
On the road to a novel natural world: How alien species change the structure and function of ecological networks

09:50 COFFEE BREAK

10:20 PARALLEL SESSIONS

SESSION Biosecurity and management of alien plant invasions

Hélia Marchante First report of the establishment of the biocontrol agent Trichilogaster acaciaelongifoliae for control of invasive Acacia longifolia in Portugal

Michael Wohlwend Limiting the invasion of an exotic plant on an experimental prairie

Cristina Vieites-Blanco Testing the effectiveness of two biological control agents on the invasive plant Carpobrotus edulis

Peter Ferus Potential exchange of invasive plant propagules by trade

SESSION The impact and consequences of biological invasions

Iris Stiers The influence of invasive plant species cover on different biological communities in temperate ponds

Jan Čdda The impact of invasive herb Impatiens glandulifera on ecosystem functioning of the temperate forest is small and varies between years

Francisco López Núñez Four-trophic level food webs reveal the cascading impacts of an invasive plant targeted for biocontrol

Janet A. Morrison A dual challenge for suburban forests: abundant deer and non-native, invasive plants

SESSION Chasing invasive species with high technology

Hillary Cherry Using detection dogs to assist weed eradication in conservation areas: A case study of hawkweed (Hieracium L.) in Australia.

Rowan Sprague Seeing the wood for the trees: Why remote sensing imagery can detect but not predict alien conifer invasions

Barbara Tokarska-Guzik Which features of invasive alien plants are crucial for their mapping with airborne hyperspectral and ALS remote sensing data?

Ernesto José de Deus Google Street View potential for studying alien plant invasions

11:50 POSTER SESSION

12:20 LUNCH
14:00 PLENARY LECTURE in SESSION Chasing invasive species with high technology

Duccio Rocchini C3A, University of Trento, Italy

Estimating plant species invasions from space: the upmost ecological challenge

14:50 PARALLEL SESSIONS

SESSION Biosecurity and management of alien plant invasions

Springer Kaye How Strong, Stable Relationships Killed the Drama and 10,000 Plants

Bongani Mashele Updates on management and progress made towards eradication of Pueraria montana var. lobata (kudzu vine) in South Africa

John Du Vall Hay Management techniques for the control of Melinis minutiflora P. Beauv. (molasses grass): ten years of research on an invasive grass species in the Brazilian Cerrado

Michael Padmanaba Island of aliens: plant invasion in protected areas of Java, Indonesia

SESSION The impact and consequences of biological invasions

Martin Hejda Impacts of invasive trees across different trophic levels: Is the difference between the invaded and native stands consistent for plants, nocturnal Lepidoptera and birds?

David Le Maitre Impacts of alien plant invasions on water resources and yields from the Western Cape Water Supply System (WCWSS)

Theo E. W. Linders Integrating socio-economic and ecological effects of Prosopis, a woody invasive alien species, for development of improved management strategies

SESSION Chasing invasive species with high technology

Josef Brůna The role of timing in plant invasion monitoring using UAV

André Große-Stoltenberg Field spectroscopy together with airborne LiDAR and hyperspectral remote sensing reveal occurrence and impact of the invasive ecosystem engineer Acacia longifolia

Nuno César de Sá Using Landsat Time Series to understand how management and disturbances influence the expansion of an invasive tree

16:20 COFFEE BREAK

16:50 PARALLEL SYMPOSIA

Artur Gil New trends and challenges in remote sensing of invasive alien plants

Elizabete Marchante and Hélia Marchante How to improve surveillance and (early) detection of invasive plants – may citizens be active collaborators? Challenges and opportunities

17:50 "CLOSING" SESSION The best moments of EMAPI 2017... And also concluding remarks

FRIDAY 08 September

08:00 – 09:00 FIELD TRIP Departure from Lisbon