

NEOBIOTA 2024  
**PROGRAM**

## WORKSHOPS — TUESDAY SEPTEMBER 3RD

### MORNING — 3 HOUR DURATION, STARTING AT 9:30

#### Workshop #1 — ROOM 6.2.53

Invasive alien species and their impacts on policy-sectors

By **Joint Reseach Centre – European Alien Species Information Network**

#### Workshop #2 — ROOM 6.2.49

Bridging the lexical divide: unifying terminology for effective knowledge and management of biological invasions

By **Irene Martin**

#### Workshop #3 — ROOM 6.1.36

Mapping and assessing the Cumulative IMPact of invasive ALien species: The CIMPAL index online workflow

By **Heliana Teixeira**

#### Workshop #4 — ROOM 3.2.16

LIFE Projects dealing with invasive species management

By **Filipe Ribeiro**

### AFTERNOON — 3 HOUR DURATION, STARTING AT 14:00

#### Workshop #5 — ROOM 6.2.53

Increase research support to European Policy on alien species

By **Riccardo Scalera**

#### Workshop #6 — ROOM 6.2.49

Living with the plague: zebra-mussel management in invaded systems

By **Joaquim Reis**

#### Workshop #7 — ROOM 3.2.16

Economic utilization of invasive species: an opportunity or a threat

By **Giovanni Vimercati**

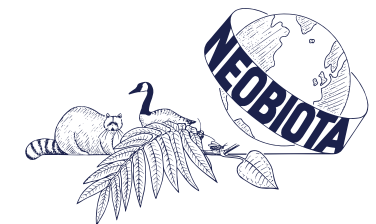
#### Workshop#8 — ROOM 6.1.36

Citizen science and invasive alien species

By **Elizabete Marchante**

**6:00 PM**

WELCOME DRINKS C6 INNER GARDEN



## WEDNESDAY SEPTEMBER 4TH

### C3 ROOM A

### C3 ROOM B

### C3 ROOM C

9:00

OPENING CEREMONY

9:30

KEYNOTE by **Anthony Ricciardi** Do uncontrolled invasion rates threaten ecosystem sustainability?

10:00

Chair: **Franck Courchamp, Josie South**

SESS#1 **Emma Blackwell-Arpaci** Innovative control of the invasive tree species *Ailanthus altissima* with a natural, selective herbicide (Ailantex®) developed on the basis of the wilt fungus *Verticillium nonalfalfae* strain Vert56

Chair: **Philip Hulme, Riccardo Scalera**

SESS#1 **Jon Blanco González** Optimizing control strategies for invasive monk parakeets (*Myiopsitta monachus*): Insights from capture methods and bait preferences in Madrid

Chair: **Sofia Duarte, Paula Chaiinho**

SESS#5 **Antonio A Herrero Reyes** Biology and catchability of the Atlantic blue crab in a corridor habitat from the Mar Menor coastal lagoon (Western Mediterranean)

10:15

SESS#1 **Arman N. Pili** Forecasting potential invaders to future-proof preventative biosecurity globally

SESS#1 **Tim Adriaens** Alien plants on the not so distant horizon: a risk screening of potentially invasive plant species in european-atlantic coastal dune habitats

SESS#5 **Lisa Tedeschi** A synthesis on alien mammals threatened in their native range

10:30

COFFEE BREAK C3



## WEDNESDAY SEPTEMBER 4TH

### C3 ROOM A

11:00

SESS#1 **Eike Tammekänd** 20 years of *Heracleum* IAS eradication – Estonias experience

11:15

SESS#1 **Cayetano Herrera** Risk posed by hornets to the provision of pollination-dependent food production

11:30

SESS#1 **James Hodson** Temperature-dependent impact predictions for the invasive narrow-clawed crayfish (*Pontastacus leptodactylus*) relative to the signal crayfish (*Pacifastacus leniusculus*), and predicted range alterations under climate change

11:45

SESS#1 **Ramona Maggini** Potential distribution of *Aromia bungii*, a new invasive pest in Europe

12:00

SESS#1 **Yaiza R. Lueje** The management of despair: testing a common non-recommended method for mitigation of *Vespa velutina* damage in vineyards

12:15

LUNCH & POSTER SESSIONS C6 (SESSIONS 1 AND 4)

Chair: Franck Courchamp, Josie South

### C3 ROOM B

SESS#1 **Ana Nunes** Demystifying the EU IAS Regulation

SESS#1 **Jon Bray** Bridging human, animal, plant/algal and ecosystem health in aquatic environments through One Biosecurity

SESS#1 **Jaime Fagúndez** Vegetative growth and leaf composition in the invasive grass *Cortaderia selloana* after cutting

SESS#1 **Celia López-Cañizares** Prevention and awareness of aquatic invasive alien species in the Iberian Peninsula by the LIFE INVASAQUA European project: Outcomes

SESS#1 **João Rato** How to not stop an invasion: Blacklists as control and prevention measures for exotic freshwater turtles

Chair: Philip Hulme, Riccardo Scalera

### C3 ROOM C

SESS#5 **Ronaldo Sousa** Biological invasions: the hidden side of the population level

SESS#5 **Antoine Flandroit** Stronger together: can gregariousness explain the first and only sea spider invasion in the world?

SESS#5 **Udi Segev** A meta-analysis of trait evolution in invasive plants with time since introduction

SESS#5 **Filip Ložek** Overlooked biodiversity losses: the fate of European crayfish ectosymbionts amidst the invasion of signal crayfish

SESS#5 **Alejandra Oyanedel** Diversity of benthic communities after 15 years of invasion of *Didymosphenia geminata* in Patagonian rivers

Chair: Sofia Duarte, Paula Chaiinho



## WEDNESDAY SEPTEMBER 4TH

	C3 ROOM A	C3 ROOM B	C3 ROOM C
<b>14:00</b>		KEYNOTE by <b>Nuria Roura-Pascual</b> Setting the course for the future management of biological invasions in Europe	
<b>14:30</b>	SESS#1 <b>Ella Ahti</b> Barents Invasive Alien Species: Encouraging to IAS management through collaboration and communication	SESS#1 <b>Pankaj A. Gorule</b> Long-term sublethal exposure to polyethylene and tire wear particles: Effects on risk-taking behaviour in invasive and native fish	SESS#5 <b>Petr Pysek</b> Plant invasions in the Kruger National Park: what do we need to know and how to find it out?
<b>14:45</b>	SESS#1 <b>Anna Tilling</b> Investigating the potential for biological control of the invasive aquatic plant, <i>Myriophyllum aquaticum</i>	SESS#1 <b>Frances E. Lucy</b> Invasive alien species: improvement of understanding and communication	SESS#5 <b>Thomas Nuhfer</b> Abundance distributions of invasive and non-invasive terrestrial plant species
<b>15:00</b>	SESS#1 <b>Shaquille Matthys</b> Dealing with uncertainty and conflicting objectives in the control of invasive alien species	SESS#1 <b>Ricardo Enrique Hernandez-Lambrano</b> Environmental drivers and plant biodiversity influencing <i>Xylella fastidiosa</i> (Xf) impact across a mixed agriculture-forest landscape	SESS#5 <b>Augustin Clessin</b> Amsterdam Island – introduced mammals play critical role in the epizootic of avian cholera that threaten the seabird community
<b>15:15</b>	SESS#1 <b>Laura Hernández Sánchez &amp; María Verdugo Althöfer</b> Aquatic invasive alien species (IAS) GIS-Viewer	SESS#1 <b>Andrea Monaco</b> Prioritizing invasive alien species in Italy	SESS#5 <b>Marcin K. Dyderski</b> Does the impact of invasive trees on temperate forests scale along their abundance gradient?
<b>15:30</b>	SESS#1 <b>Elizabete Marchante</b> Mobilizing citizens and stakeholders: The Portuguese Network for Invasive Species Study and Management	SESS#1 <b>Zafrir Kuplik</b> <i>Rhopilema nomadica</i> in the Mediterranean: Where from and why now?	SESS#5 <b>Alejandro Bernal-Ibáñez</b> The invasion by <i>Rugulopteryx okamurae</i> in a barren-state dominated coast leads a phase-shift in rocky coastal systems
<b>15:45</b>	SESS#1 <b>María J. Servia</b> Knowing the enemy: Impact of <i>Spanolepis selloanae</i> (Diptera: Cecidomyiidae) in seed germination of the invasive plant <i>Cortaderia seloana</i> (Poaceae)	SESS#1 <b>Ana S. Lavrador</b> Mapping the Spatial Distribution of Non-Indigenous Invertebrates in Recreational Marinas Across Mainland Portugal and Islands through DNA Metabarcoding	SESS#5 <b>Miguel Clavero</b> How (not) to use genetics to assess nativeness
<b>16:00</b>	SESS#1 <b>Ane Marlene Myhre</b> Preventing invasive species and being prepared: How key options identified by the IPBES are solved in Norway	SESS#1 <b>Bárbara Segal</b> Bridging Biology and Engineering: Advanced Solutions for Sun Coral Invasion	SESS#5 <b>Yohann Soubeyran</b> The threat of invasive alien species on the threatened species of the French overseas territories: an analysis of the French national IUCN Red Lists
<b>16:15</b>	COFFEE BREAK C3		

Chair: Laura Meyerson, Heliana Teixeira

Chair: Piero Genovesi, Stephan Gollasch

Chair: Ana Cristina Cardoso, Francisco Oficialdegui



## WEDNESDAY SEPTEMBER 4TH

### C3 ROOM A

- 16:45** SESS#1 **Sonal Varia** Use of the rust fungus *Puccinia komarovii* var. *glanduliferae* for the management of *Impatiens glandulifera* in the UK
- 17:00** SESS#1 **Nicolas Trunfio** Comparison of the attachment strength of invasive quagga and zebra mussels from the Rhine River depending on substrate type and water velocity
- 17:15** SESS#1 **Fredrik Dahl** Nordic raccoon dog management 2010 – 2023 – successes, failures, and their associated reasons
- 17:30** SESS#1 **Aileen Mill** Prioritisation frameworks to guide IAS management decision making at multiple scales
- 17:45** SESS#1 **Lawrence Kirkendall** A paws for thought: Assessing the ecological footprint of domestic cats
- 18:00** SESS#1 **Gaute Velle** Balancing the restoration of a native fish and the risks of hitch-hiking invasive species
- 18:15** SESS#1 **Sylvestre Badou** Three-year survey of native and invasive small mammal communities in the Autonomous Port of Cotonou, Benin: community ecology, population genetics and pathogen detection
- 18:30** SESS#1 **Maude Vernet** Assessing invasion risks using EICAT-based expert elicitation: application to a conservation translocation
- 18:45** SESS#1 **Duran Chetty** The issue of “sterile cultivars”: *Duranta erecta* as a case study

Chair: Ana Nunes, Ricardo Rocha

### C3 ROOM B

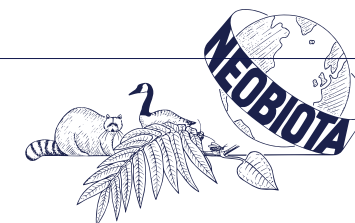
- SESS#1 **Donald C. Behringer** Emerging parasite infects invasive rusty crayfish, tempers invasion impacts, and triggers ecosystem recovery
- SESS#1 **Liliana N. Duarte** Managing the seed legacy of an invasive plant in coastal dunes
- SESS#1 **Lizzie Keen** A review of the effectiveness of different management methods for IAPs in woodlands and forests globally
- SESS#1 **Sónia Duarte** Invasive *Cryptotermes brevis*: a growing concern for wooden structures in Portugal
- SESS#1 **Teun Everts** Phenological mismatches mitigate the ecological impact of a biological invader on amphibian communities
- SESS#1 **Magdalena Szymura** Time matters - the story of species-rich, semi-natural grassland restoration in a site dominated by invasive *Solidago* sp.
- SESS#1 **Catarina Afonso** Assessing the effectiveness of *Trichilogaster acaciaelongifoliae* as a biological control agent against *Acacia longifolia* in Portugal: a System Dynamics Modeling approach
- SESS#1 **Kateryna Davydenko** Overlap two invasive ash pests in Europe: what's in the future hold?

Chair: Elena Tricarico, Elizabete Marchante

### C3 ROOM C

- SESS#5 **Sergio Bedmar** Travelling riverside blues: Long-distance migration of the invasive atlantic blue crab
- SESS#5 **Eva Malta-Pinto** Perspectives on policy and governance for biological invasions: Legal, economic, and beyond
- SESS#5 **Jessica Bernal-Borrego** Incorporating Local Insights Through Interviews and a Participatory Workshop for Invasive Species Management in South-eastern Iberian Arid Ecosystems
- SESS#5 **Roi Dor** Insights from studying one of the worse avian invaders in the world
- SESS#5 **Duarte Martins** Aliens lying beneath the rhodoliths: new reports of Polychaeta non-indigenous species (NIS) found in Iberian Peninsula associated with crustose coralline red algae
- SESS#5 **Ana Filipa Filipe** The rise of non-native species: characterizing Iberian freshwater fish communities to guide conservation strategies
- SESS#5 **Renan Leite** Assessing the impact of invasive bleak on Iberian barbel habitat utilization in fluctuating flow environments
- SESS#5 **Marcos Rubal** Removing invasive kelp species in recreational marinas to preserve a native one

Chair: Joana Vicente, Miguel Clavero



# THURSDAY SEPTEMBER 5TH

## C3 ROOM A

8:30

9:00

SESS#1 **Elena Ortega Jiemenez** Uncovering trophic variability of the invasive Atlantic Blue crab *Callinectes sapidus* along an invaded Atlantic area by stable isotopes

9:15

SESS#1 **Lisa Andrea Moser** Evaluating animal welfare for multicriteria decision analysis in the management of the invasive pond slider *Trachemys scripta*

9:30

SESS#1 **Sonia Vanderhoeven & Arnaud Monty** Bridge from observation to action: crafting effective management frameworks - lessons from the LIFE RIPARIAS Project

9:45

SESS#1 **Heliana Teixeira** Assessing and mapping the cumulative impact of invasive alien species – the new CIMPAL index e-tool workflow

10:00

SESS#1 **Jacob Barney** US state invasive species policies lack consistency, need coordination

10:15

SESS#1 **Gianni Gilioli** The EFSA methodology for environmental risk assessment for invasive plant pests

Chair: Luis Reino, Tim Adriaens

## C3 ROOM B

KEYNOTE by **Elena Tricarico** How Citizen Science empowers people to tackle biological invasions

SESS#1 **Manuel Sá Sampaio** Can endangered native fish be used to control invasive amphibians?

SESS#1 **Kjetil Hindar** Pink salmon in Norway – assessment of risk to biodiversity, wild salmonids and aquaculture

SESS#1 **Olga Delange** Seed bank dynamics of *Ludwigia* spp. – invaded ecosystems in Belgium

SESS#1 **Flavio Marzioletti** Prioritizing management actions for emergent invasive non-native plants through expert-based knowledge and Species Distribution Models

SESS#1 **Filipe Romão** Preventing invader's expansion: Development and assessment of a selective vertical slot fishway to preclude a non-native invasive cyprinid passage

SESS#1 **Arman Pili** Addressing Environmental Sampling Bias: a crucial oversight undermining the usefulness of Species Distribution Modelling in Geographic Risk Assessment of Alien Species

Chair: Anthony Ricciardi, Simone Guareschi

## C3 ROOM C

SESS#5 **Montserrat Vilà** Field studies of ecological impacts of invasive plant species in Europe

SESS#5 **Ana Novoa** Impacts of invasive plants on soil and its microbial communities in riverine habitats of a South African savanna

SESS#5 **Rui Rivaes** A four-decade follow-up of the native fish communities and alien invasions in the lower tagus river

SESS#5 **Guillaume Latombe** Ethical dilemma in conservation: a trolley problem thought experiment

SESS#5 **Michal Hnilička** Stable isotope analysis reveals fish juveniles as a temporal dominant in the diet of invasive pumpkinseed (*Lepomis gibbosus*)

SESS#5 **Quadri A. Anibaba** The stage of succession in the post-mining vegetation determines the inhibitory effect of both native and alien species

Chair: Petr Pysek, Sandra Hudina

10:30

COFFEE BREAK C3



## THURSDAY SEPTEMBER 5TH

### C3 ROOM A

11:00

SESS#1 **Inês Afonso** Non-native species in tagus recreational marinas: which factors are more relevant to the establishment? Status, trends and monitoring

11:15

SESS#2 **Nikol Kmentová** Detection of invasive and alien land planarians as threats to agriculture and ecosystem stability

11:30

SESS#2 **Manuela Abelho** Invasion of a small peri-urban stream by the exotic New Zealand mud snail

11:45

SESS#2 **Sofia Duarte** NIS-DNA: Early detection and monitoring of non-indigenous species (NIS) in coastal ecosystems based on high-throughput sequencing (HTS) tools

12:00

SESS#2 **Maarten Vanhove** Parasitic monogenean flatworms as tags for invasive aquatic vertebrates in Africa, using mitochondrial markers and historical collections

Chair: Ana C. Costa, Filipe Banha

### C3 ROOM B

SESS#3 **Anna Schertler** Biogeographically novel and co-xenic novel associations are common in alien fungal and fungus-like plant pathogens

SESS#3 **Csilla Balogh** Competition between congeners: has the zebra mussel chance against the newcomer quagga mussel? A long-term monitoring study on the invasion dynamics of the quagga mussel in Lake Balaton, Central Europe

SESS#3 **Jesús M. Castillo** Impacts of *Iris pseudacorus* invasion on the abundance of macrophyte species in tidal wetlands

SESS#3 **Juan Sempere-Valverde** Before the crescendo: Baseline assessment of fouling communities in Red Sea NEOM, NW Saudi Arabia, before coastal development and urbanization

SESS#3 **Bethany Bradley** Observed and Potential Range Shifts of Native and Non-Native Species with Climate Change

Chair: Maria Cristina Duarte, Ignacio Gestoso

### C3 ROOM C

SESS#5 **Mathieu Denoël** Multiple invasions, ecological opportunism and effects on pond biodiversity of a major amphibian invader, the marsh frog

SESS#5 **Francisco Godinho** Influence of the gudgeon *Gobio lozanoi* on native fish assemblages in a highly regulated Iberian river basin

SESS#5 **Julien C. Piquet** How does the impact of an invasive snake cascades down to arthropod communities?

SESS#5 **Marek Šmejkal** Competitive exclusion of native species by invasive conspecific within *Carassius* genus

SESS#5 **Sandra Hudina** Host-related traits influence the microbial diversity of the invasive signal crayfish

Chair: Rui Rebelo, Joaquim Reis

12:15

LUNCH & POSTER SESSIONS C6 (SESSIONS 3 AND 5)





# THURSDAY SEPTEMBER 5TH

## C3 ROOM A

14:00

14:30

14:45

15:00

15:15

15:30

15:45

16:00

SESS#2 **Janine P. da Silva** The role of non-native species on river bioassessment

SESS#2 **Mar Leza** Early detection tools for invasive insect species on Mediterranean islands: the case of Invasapp

SESS#2 **Ana Rodrigues** Using DNA Metabarcoding for the Early Detection of Non-Indigenous Marine Macroalgae in Portuguese Recreational Marinas

SESS#2 **Eduardo Arlé** Global multi-taxa assessment of the adequacy of alien species occurrence data

SESS#2 **Pablo González-Moreno** Citizen science platforms can effectively support early detection of invasive alien species according to species traits

SESS#2 **Marie L. Davey** Data driven horizon scanning: Leveraging 10 years of monitoring programs and genetic data to identify potential invaders to Norway

SESS#2 **Olaf Booy** Invasive non-native species legislation requires inspection to be effective

Chair: **Emili Garcia-Berthou, Joana Robalo**

## C3 ROOM B

KEYNOTE by **César Capinha** Insights, challenges and opportunities in the global mapping of biological invasions

SESS#3 **Rashmi Paudel** Plants that have naturalized as aliens abroad have also become more common at home during the ajan Pergl, Karolina Bączela-Spychalska

SESS#3 **Sven Bacher** Global impacts to nature, nature's contributions to people and good quality of life from the IPBES assessment on invasive alien species

SESS#3 **Wayne Dawson** When glaciers retreat, invaders advance: the spread of introduced plants and invertebrates on the island of South Georgia

SESS#3 **Franz Essl** A new perspective on the biogeography and macroecology of biological invasions in the Anthropocene

SESS#3 **Peter M. Kotanen** Investigating current limits to plant invasions in northern Canada

SESS#3 **Margherita Gioria** Linking the thermal response of seedlings of herbaceous species to naturalisation success

SESS#3 **Michelle Huebel** Social-Ecological Network Modeling of Marine Fish Introductions in the Panama Canal

Chair: **Nuria Roura-Pascual, Rui Rivaes**

## C3 ROOM C

SESS#5 **Martin Hejda** The impact of invasive alien plants on riparian vegetation in Kruger National Park

SESS#5 **Ricardo Rocha** Spatio-temporal dynamics and trophic ecology of free-ranging cats on a subtropical oceanic island

SESS#5 **Michal Janáč** Newly constructed small water bodies in agricultural landscape: from biodiversity support to reservoir of non-native species

SESS#5 E **Alice Misuri** Evidence of short-term response of rocky cliffs vegetation after removal of invasive alien *Carpobrotus* spp. within the Life Project LETSGO GIGLIO

SESS#6 **Josef Kutlvašr** Railways as a source of alien plants

SESS#6 **Gregory Egger** Gravel-bed rivers in the southern hemisphere – a global hot spot for invasive plant species

SESS#6 **Christine S. Sheppard** From novel to native: plant-soil feedbacks depend on functional traits and residence time

Chair: **Jasmine Ferrario, Helena Trindade**

16:15

COFFEE BREAK C3



## THURSDAY SEPTEMBER 5TH

### C3 ROOM A

16:45

SESS#2 **Raquel Queiroga** Does fouling species selectivity works with/on plastics?

17:00

SESS#2 **John Y. Dobson** Dynamic modeling of *Rugulopteryx okamurae*: implications for ecological management and socio-economic impacts

17:15

SESS#2 **Andrew Wannenburg** Surveying and monitoring the extent of terrestrial invasive alien plant taxa in South Africa

17:30

SESS#2 **Andry Castro** Large language models overcome the challenges of unstructured text data in ecology

17:45

SESS#2 **Rafael Macêdo** Validating Threshold Indicator Taxon Analysis for impact assessment of invasive species

18:00

Chair: **Cátia Bartilotti, Mafalda Gama**

### C3 ROOM B

SESS#3 **Laura A. Meyerson** Indigenous Peoples Lands Harbor Fewer Invasive Species

SESS#3 **Rebecca Pabst** Database on the global human-mediated introduction of vector mosquitoes

SESS#3 **Raffaele de Giorgi** Temperature affects Mediterranean-scale variations in trophic position and isotopic niche width of the invasive Atlantic blue crab *Callinectes sapidus*

SESS#3 **Rocio Nieto Vilela** Climate-driven range expansion: assessing *Siphonaria pectinata*'s response to rising temperatures

Chair: **César Capinha, Ana Novoa**

### C3 ROOM C

SESS#6 **Shu-ya Fan** Plant naturalization is promoted by abiotic and biotic similarities but also by dissimilarities in evolutionary and anthropogenic histories between the native and non-native ranges

SESS#6 **Sabine Rech** Invasive species dispersal on floating plastics in the Southeast Pacific: A comprehensive 3-year study of rafting in a temperate marine current system

SESS#6 **Kamolphet Atsawawanunt** Diet adaptation and invasive success of the common myna, signals of selection revealed by genetics.

SESS#6 **Felipe Espinoza** Quantifying AS occurrences and their association to common invasion corridors in mainland Ecuador

SESS#6 **Stefan Dehos** Modeling and predicting the distribution and impact of the highly invasive freshwater jellyfish *Craspedacusta sowerbii* in the catchment of lake kinneret

SESS#6 **Krzysztof Podwysocki** Experimental assessment of the invasive potential of the two intraspecific lineages of the Ponto-Caspian amphipod - *Dikerogammarus villosus* (Crustacea:Amphipoda): does hybridization increase invasive potential?

Chair: **Jan Pergl, Karolina Baćela-Spychalska**

19:00

COCKTAIL & CONFERENCE DINNER — ACADEMY OF SCIENCES – RUA DA ACADEMIA DAS CIÊNCIAS, 19



## FRIDAY SEPTEMBER 6TH

	C3 ROOM A	C3 ROOM B	C3 ROOM C
8:30		KEYNOTE by <b>Silvia Ziller</b> The role of science in decision-making on invasive species policy and management	
9:00	SESS#2 <b>Rein Brys</b> The power, challenges and integration of eDNA-based methods as a cornerstone for invasive species management	SESS#3 <b>Marta Florido</b> When <i>Rugulopteryx okamurae</i> arrives: Spatio-temporal Patterns Influencing Community Structure in Invaded Habitats	SESS#6 <b>Michal Gruntman</b> Shifts in dispersal traits of a heterocarpic plant across its invasion route
9:15	SESS#2 <b>Jiří Skuhrovec</b> Platform NAJDIJE: Citizen Science as a valuable multilevel tool for study of alien invertebrates	SESS#3 <b>Duo Chen</b> Effects of multiple global change drivers on invaded plant communities	SESS#6 <b>João Canning-Clode</b> Expanding the Horizons of DeNIS: A Global Database on Marine Debris and Non-Indigenous Species
9:30	SESS#2 <b>Joana Santana</b> Using invasion-only Ecological Niche Models for predicting the expansion of invasive species	SESS#3 <b>Giovanni Vimercati</b> Insularity and trophic position shape negative and positive impacts of alien ungulates on native biodiversity	SESS#6 <b>James Hardwick</b> Seed transport and landscape modelling to predict riparian plant invasion hotspots
9:45	SESS#2 <b>Theresa Henke</b> Let's talk aliens– Involving stakeholders in invasion science	SESS#3 <b>Gustavo A. Castellanos-Galindo</b> New fish introductions in a tropical lake could unleash interoceanic invasions in the Americas	SESS#6 <b>Luis Osorio-Olvera</b> Estimating invasion dynamics of <i>Cactoblastis cactorum</i> in North America
10:00	SESS#2 <b>Shevy Bat-Sheva Rothman</b> Lagging behind – what do we know about the parasitic fauna of alien fishes in the Mediterranean?	SESS#3 <b>Paride Balzani</b> Seasonal variability in the trophic ecology of three co-occurring invasive crayfish at a thermal locality	SESS#6 <b>Isabell Becker</b> Can <i>Solidago</i> spp. impede the establishment of a riparian forest on a restored river section? – Findings from the vegetation monitoring at the Lower Traisen River (Austria)
10:15	SESS#2 <b>Simone Guareschi</b> Using long-term biomonitoring data in invasion science: the case of riverine macroinvertebrate communities' invasibility	SESS#3 <b>Láís Carneiro</b> Scoring the impact types of biological invasions	SESS#6 <b>Jan Čuda</b> Winners and losers: short-term dynamics of alien species in the South African savanna in Kruger National Park
10:30	COFFEE BREAK C3		

Chair: Chiara Manfrin, Filipe Ribeiro

Chair: Greg Ruiz, Ronaldo Sousa

Chair: Agnese Marchini, Paraskevi Karachle



## FRIDAY SEPTEMBER 6TH

### C3 ROOM A

11:00

SESS#2 **Paula Moretti** Monitoring non-indigenous mobile species in port habitats using a standardized American protocol

11:15

SESS#2 **Felipe Espinoza** New protocol to analyze alien species per-unit-effects and their response to socio-economic and environmental variables

11:30

SESS#2 **Arnaud Monty** Four years of early warning and rapid eradication of common ragweed using citizen science: where are we now?

11:45

SESS#2 **Thiago Cesar Lima Silveira** Integrating habitat models and monitoring for sun coral control in a marine protected area in southern Brazil

12:00

SESS#2 **Joana R. Vicente** A review of scenarios and models of biological invasions under the IPBES IAS assessment

Chair: **Guillaume Latombe, Ana Filipa Filipe**

### C3 ROOM B

SESS#3 **Ángela Rodríguez Ruiz** Embryonic Thermal Tolerance: A Bottleneck for invasive or native species?

SESS#3 **Franck Courchamp** Quantifying the magnitude of biological invasions using total biomass

SESS#3 **Sara Roje** River warming and predation pressure out-turn on growth and survival of native and alien freshwater gammarid species

SESS#3 **Tom Vorstenbosch** The shrubification of the Antarctic: Increases in invasive woody plant species under climate change on islands in the Southern Ocean

Chair: **Montserrat Vila, Pedro Anastácio**

### C3 ROOM C

SESS#6 **Nicole Kinlock** Naturalization of ornamental plants in the United States depends on cultivation and historical land-cover context

SESS#6 **Jasmine Ferrario** Assessment of the level of spread of alien fouling species from ports to nearby areas

SESS#6 **Eléna Manfrini** Biological invasion risks from farming insect for food

SESS#6 **Md Khurshid Alam Bhuiyan** Shifting Dynamics in the Bay of Cadiz: Can the Native Green Crab Withstand the Blue Crab Invasion?

SESS#6 **Roseli Pellens** Dynamics of introduction alien fauna in New Caledonia

Chair: **Joaquim Sande Silva, Maarten Vanhove**

12:15

LUNCH & POSTER SESSIONS C6 (SESSIONS 2 AND 6)



## FRIDAY SEPTEMBER 6TH

	C3 ROOM A	C3 ROOM B	C3 ROOM C
<b>14:00</b>		KEYNOTE by <b>Gregory Ruiz</b> Assessing effects of policy on ship-mediated invasions in marine ecosystems	
<b>14:30</b>	SESS#4 <b>Frederico Carvalho</b> Ecosystem services and disservices provided by an invasive species – the case study of the manila clam in the tagus estuary	SESS#3 <b>Pilar Castro-Díez</b> Worldwide comparison of carbon pools and fluxes between coexisting native and non-native tree stands	SESS#6 <b>Sven Jelaska</b> From Down Under to all over the Europe – first century of Devil’s fingers ( <i>Clathrus archeri</i> ), an alien fungus presence on the continent
<b>14:45</b>	SESS#4 <b>Fiona S. Rickowski</b> Social-ecological networks and biological invasions: A case study of the invasive American mink in Iceland	SESS#3 <b>Dávid U. Nagy</b> Initial findings from the integrative CONyza NETwork for Contemporary Trait evolution (iCONNECT)	SESS#6 <b>Hanno Seebens</b> Predicting the next alien species – an impossible task?
<b>15:00</b>	SESS#4 <b>Francisco J. Oficialdegui</b> Burgeoning non-native species production hinders sustainable aquaculture	SESS#3 <b>Florencia A. Yannelli</b> Unraveling invasion success: A causal-network approach to linking major hypotheses in the field	SESS#6 <b>Jean-Nicolas Beisel</b> Exotic and invasive invertebrates in Europe’s freshwaters: a pan-European overview
<b>15:15</b>	SESS#4 <b>Luís Reino</b> Long-term Impacts of the EU trade ban in the wildlife trade network	SESS#3 <b>Jonathan Jeschke</b> Building an open atlas of knowledge for invasion science and beyond: key results of the enKORE project in the Hi Knowledge initiative	SESS#6 <b>Péter Takács</b> Non-native fish in Hungarian waters, historical overview and recent trends in their distribution
<b>15:30</b>	SESS#4 <b>Martina Sychrová</b> Effects of historical land cover, environmental and anthropogenic factors on invasions by alien plants in the Czech Republic	SESS#3 <b>Łukasz Jermacz</b> Are the days of native species numbered? - Effects of global warming on the functional response of native European bullhead and invasive racer goby	SESS#6 <b>Filipe Banha</b> Time matters in fish invasions! Short window of anglers’ engagement in control actions
<b>15:45</b>	SESS#4 <b>Janeide Padilha</b> Uniting Science and Local Communities Efforts to Address the Signal Crayfish ( <i>Pacifastacus leniusculus</i> ) Threat in Montesinho Park	SESS#3 <b>Alessandra Kortz</b> Plant invasions in habitats across the globe: adding the missing piece to the macroecological mosaic	SESS#6 <b>Philip Hulme</b> Networks of risk: international tourists as a biosecurity pathway into national parks
<b>16:00</b>	SESS#6 <b>Zuzanna Plichta</b> Experimental evaluation of habitat preferences of invasive crayfish species in Europe	SESS#3 <b>Fabio Marcolin</b> Filling the urban niche: assessing Darwin’s naturalization conundrum on invaded Italian bird communities	
<b>16:15</b>	COFFEE BREAK C3		

Chair: Frances Lucy, Pietro Volta

Chair: Helen Roy, João Canning-Clode

Chair: Manuela Abelho, Michal Janáč



## FRIDAY SEPTEMBER 6TH

### C3 ROOM A

16:45

SESS#6 **Matthew Fertakos** Propagule pressure from historic U.S. plant sales explains establishment, but not invasion

17:00

SESS#6 **Carol Melody** The Story of an Introduced Soil Dweller in the Changing Climate of Ireland

17:15

SESS#6 **Josie South** Complex selection processes pushing the redclaw crayfish invasion front in the Zambezi Floodplains Ecoregion

17:30

SESS#6 **Mateusz Augustyniak** Public information use in invaded aquatic communities – are invasive demersal fish species more effective than natives?

17:45

SESS#6 **Arnaud Jacobs** Challenges of delivering scientific advice for evidence-based policies on invasive alien species in Belgium

Chair: **Wolfgang Rabitsch, Janine Silva**

### C3 ROOM B

SESS#3 **Adrián García-Rodríguez** The global environmental impacts of invasive alien chytrid fungi on amphibians

SESS#3 **Brenda J. Grewell** Rapid invasive spread of *Alternanthera philoxeroides* in tidal wetlands: stress tolerance and escape strategies counter salinity stress with sea level rise

SESS#3 **Jonatan Rodríguez** Invasive plant mats in riparian zones: a threat to soil microbial functional diversity and carbon and nitrogen stocks?

SESS#3 **Paride Balzani** Potential distribution, observed impacts, and invasion risk of two non-native snapping turtles, *Chelydra serpentina* and *Macrochelys temminckii*

SESS#3 **Jarosław Kobak** Is the enemy of your enemy another enemy of yours? The quagga mussel replaces the zebra mussel in invaded areas: how and with what consequences?

Chair: **Hélia Marchante, Sílvia Ziller**

### C3 ROOM C

SESS#6 **Cristina Lima** Unraveling the *Fire-Acacia dealbata* Puzzle in Portuguese Ecosystems

SESS#6 **Andrea Z. Botelho** Shipping and species Introductions: The Azores as a Crucial Hub in Atlantic Marine Ecosystems

SESS#6 **Maurizio Bagnara** A new tool to predict the spread of alien species between any two points worldwide through human transport on land and water

SESS#6 **Chiara Montagnani** Invasive alien plants in the city: where do “metropolitan aliens” like to be?

SESS#6 **Maria Yu. Tkachenko** Distribution and host range of *Neoergasilus japonicus* (Ergasilidae), a highly invasive parasitic copepod

Chair: **Hanno Seebens, Franz Essl**

18:00

18:30

CLOSING CEREMONY

END



## POSTER SESSION PROGRAM OVERVIEW

### Poster Display Duration:

All posters will be displayed from September 4 to 6, with the option to set them up on September 3 during conference secretariat hours.

### Poster Session Details:

**Location:** C6 Building

**Time:** 12:15 to 13:55 during lunch hours

Poster presenters are encouraged to be present by their posters during their respective sessions. The lunch and poster areas are combined, ensuring that poster presenters do not miss lunch while engaging with attendees. We recommend including a photo of yourself and a QR code on your poster, linking to a PDF of your poster or a 3-minute video presentation.

### POSTER SESSIONS SCHEDULE:

#### Day 1: Wednesday, September 4

##### Session 1:

Risk Assessment and Management of Invasive Species

##### Session 4:

Socioeconomic Impacts of Invasions

#### Day 2: Thursday, September 5

##### Session 5:

Conservation Issues and Biological Invasions

##### Session 3:

Global Change and Invasions

#### Day 3: Friday, September 6

##### Session 2:

New Tools and Approaches for Detection and Monitoring

##### Session 6:

Pathways and Dispersal of Invasive Species

