

Curriculum Vitae Dr. Franz Essl

Name, title: Franz Essl, Mag. Dr.
Date and place of birth: January 14th, 1973; Linz
Current address: 1180 Vienna, Martinstrasse 26
Languages: German (native), English (fluent), Spanish (fluent), French (basic),
Russian (basic)

University education:

10/91–07/97 Biology (Botany) at the University of Vienna
Diploma thesis: „*Vegetation ecology and landscape history of the Jaidhaus valley in the Upper Austrian Alps*“, (Institute of Vegetation Ecology and Nature Conservation, Prof. G. Grabherr)
03/99–11/02 PhD studies in Botany
PhD thesis: „*Distribution, ecology and Impact of alien plant species in Austria*“ (Institute of Vegetation Ecology and Nature Conservation, Prof. G. Grabherr)

9/1999-6/2003 project manager at the Umweltdachverband (Coordinating bureau of Austrian Nature Conservation Organisations)

9/2003–current: researcher and project manager at the Department for Nature Conservation and Biodiversity, Austrian Environment Agency

1/2009–3/2009 Research stay as distinguished visitor at the National Centre for Advanced Bio-Protection Technologies, University of Lincoln, New Zealand (Prof. P.E. Hulme)

Other Research Activities:

Collaboration in the project „*Arealkundliche Kartierung der Flora Österreichs (Mapping of the Flora of Austria)*“ (head Prof. H. Niklfeld, L. Schratt-Ehrendorfer) 1991–2009: Collaboration in several mapping campaigns

Collaboration in the project „*Biotopkartierung Oberösterreichs*“ (partly scientific pilot phase on behalf of the government of Upper Austria), 1997–1999: mapping of the municipalities Micheldorf and Molln (district Kirchdorf an der Krems)

Collaboration in the project „*Principles of biodiversity of Austrian cultural landscapes (Grundlagen der Biodiversität österreichischer Kulturlandschaften; research cooperation Graz – Seibersdorf – Vienna)*“: investigation of flowering plants

Collaboration in the EU 6th framework project DAISIE “*Developing Alien Species Inventories for Europe*“, headed by Phil Hulme (CEH): Coordination of the Austrian Project partner (Umweltbundesamt)

National inventory of alien species in Austria: project coordination

ALTER-net (www.alter-net.info): coordination of work package R3 within the Austrian project team

Action Plan on invasive alien species in Austria: project coordination

Global change effects on invasive alien plants in Austria: a comparative case study: project team member

Developing an early warning system for alien species in Central Europe under climate change: project coordination

SEBI 2010: Developing and streamlining European biodiversity indicators: member of working group habitats and connectivity
Focal Point Alien Invasive Species Austria: project coordination
Identifying high nature value farmland in Austria: member of project team
Distribution, ecology and distribution of Austrian endemic plant and animal species: project coordination
Red list of endangered habitat types in Austria: project coordination

Scientific excursions (outside Austria):

1991: Southern Bohemia (Czech Republic, F. Speta et al.)
1993: Southern Alps (Italy, G. Grabherr et al.)
2001: Chile, Argentina (A. Tribsch & P. Schönswetter et al.)
2003: Russia, Altai (A. Tribsch & Russian colleagues)
2004: Scandinavia (A. Tribsch & P. Schönswetter)
2005: Crete (G. Grabherr et al.)
2008: New Zealand

Participation in international Congresses, Workshops, etc.

Risk assessment analyss: methods and applications for evaluating biological invasions, European Science Foundation, Girona, Spain, 17th to 20nd April 2011
Lead authors meeting on 2012-European Environment Agency report on climate change impacts, vulnerability and adaptation in Europe, Copenhagen, Denmark, 14th to 15th April 2011
European Conference on Biodiversity and Climate Change, Bonn, Germany, 12th to 13th April 2011
Workshop on resilience and adaptation to climate change, Vienna, 21st to 22nd February 2011
Adapting Conservation to a Changing Climate, London, 11th to 12th January 2011
6th European Conference on Biological Invasions, Biological Invasions in a Changing World - from Science to Management, 14rd to 17th September 2010, Copenhagen, Denmark
Migrations: Interdisciplinary Perspectives, University of Vienna, 1st to 3rd July 2010
Biological diversity and climate change, Bonn, Germany, 2nd to 3rd March 2010
Schutzgebiete und Klimawandel – neue Herausforderungen für ein bewährtes Konzept, Klagenfurt, Austria, June 2009
Alien species and climate change, Vienna, 24th April 2009
ALTERnet Summer School, Preyresq, France, 1st to 15th September 2007
5th European Conference on Biological Invasions, Neobiota – towards a synthesis, 23rd to 26th September 2008, Prague, Czech Republic
European conference on Invasive Alien Species, Madrid, Spain, 14th to 15th January 2008
29. Deutscher Naturschutztag: Stimmt das Klima?, Karlsruhe, Germany, 15th to 19th September 2008
4th European Conference on Biological Invasions, Neobiota - from Ecology to Conservation, 28th to 30rd September 2006, Vienna
1st European Congress of Conservation Biology, 22nd to 26th August 2006, Eger, Hungary
28. Deutscher Naturschutztag: Von lokalem Handeln und globaler Verantwortung – 100 Jahre staatlicher Naturschutz, Karlsruhe, Germany, 29th May to 3rd June 2006

Beilage 1: Curriculum Vitae Dr. Franz Essl

XVIIth International Botanical Congress, Vienna, Austria, July 17th to 23rd 2005

Red Lists – Barometers of Biodiversity, Würzburg, Germany, October 2004.

11th Meeting of Austrian Botanists, Kirchdorf a.d. Krems, Austria, May 30th to June 1st 2002

10th Meeting of Austrian Botanists, Gumpenstein, Austria, May 30th to June 1st 2002

9th Meeting of Austrian Botanists, Illmitz, Austria, September 28th to October 1st 2000

Organisation of international Congresses and Symposia

4th European Conference on Biological Invasions, Neobiota - from Ecology to Conservation, 28th to 30rd September 2006, Vienna

Alien species and climate change, Vienna, 24th April 2009

Scientific board of international Congresses and Symposia

5th European Conference on Biological Invasions, Neobiota – towards a synthesis, 23rd to 26th September 2008, Prague, Czech Republic

6th European Conference on Biological Invasions, Biological Invasions in a Changing World - from Science to Management, 14rd to 17th September 2010, Copenhagen, Denmark

Invited lectures

land der vielfalt – zukunftsreich?, Natural History Museum, Vienna, 21st October 2010

Aktionstag Biodiversität, Natural History Museum, Vienna, 21st April 2010

Endemiten in Österreich, Mallnitz, Austria, 15st June 2010

Biological diversity and climate change, Bonn, Germany, 2nd to 3rd March 2010

Schutzgebiete und Klimawandel – neue Herausforderungen für ein bewährtes Konzept, Klagenfurt, Austria, June 2009

29. Deutscher Naturschutztag: Stimmt das Klima?, Karlsruhe, Germany, 15th to 19th September 2008

Ecology, conservation status and biogeography of Austrian endemics, University of Salzburg, 10th January 2008

Konzeption der Roten Liste gefährdeter Biotoptypen Österreichs. University of Applied Life Sciences, Vienna, 17th January 2005

Struktur und Kompetenzen des Umweltbundesamtes Österreich, Federal Institute for Nature Conservation (BfN), Bonn, Germany, 25th April 2005

Rapid radication and long time control: activities and experiences from IAS management in Germany and Austria, 1st European Congress of Conservation Biology, 22nd to 26th August 2006, Eger, Hungary

Presentation of the European Working Group on Invasions, European conference on Invasive Alien Species, Madrid, Spain, 14th January 2008

Successful grant applications

Climate effects on the recent range expansion of ragweed in Central Europe, funded by the Austrian Climate and Energy Fund (project partner)

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ClimAllergy - Climate change induced invasion and socioeconomic impacts of allergy-inducing plants in Austria, funded by the Austrian Climate and Energy Fund (project partner)

Range dynamics of ragweed (*Ambrosia artemisiifolia*) under the influence of climate change in Austria, funded by the Austrian Academy of Sciences (Global Change Programme) (project coordination)

Monte-Carlo simulations for predicting the climate change driven range expansion of the allergenic common ragweed (*Ambrosia artemisiifolia* L.) in Austria, funded by the Austrian Academy of Sciences (Global Change Programme) (project coordination)

Reviewer for the following Journals

Biological Invasions

Diversity and Distributions

Environmental Pollution

Flora

Global Ecology & Biogeography

Journal of Applied Vegetation Science

Journal of Plant Biology

Journal of Biogeography

Preslia

Reviewer for the following grant agencies

Czech Science Foundation

Austrian Ministry of Agriculture and Environment

Membership on Editorial Boards of Journals

Neobiota (<http://www.pensoft.net/journals/neobiota>)

Membership on Boards of scientific Organizations

NOBIS Austria – Network of Biological Systematics Austria (<http://www.nobis-austria.at/>)

European Working Group on Biological Invasions (Neobiota) (<http://www.oekosys.tu-berlin.de/menue/neobiota/>)

Membership in Scientific Organizations

NOBIS Austria – Network of Biological Systematics Austria <http://www.nobis-austria.at/>)

NOBANIS: European network on alien invasive species (www.nobanis.org) (Austrian representative)