

# C u r r i c u l u m   v i t a e

**Mag.rer. nat Franziska ZEMMER, MSc.**



**Biologist, Teaching Professional**

Current                    **Teaching staff at the Free University of Bolzano**  
Basics of Biology and Chemistry and their Didactics

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**Research interests: Pollen monitoring and allergy, conservation, science didactics**

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## **Professional experience didactics (last five years)**

- 2018                        87 hours environmental education for primary and middle schoolers on behalf of the Environmental Agency
- 2017-now                 Science didactic actions for Alpenverein Südtirol and a Primary School in South Tyrol
- March-June 2017        High school teaching at the agricultural high school, Auer
- 2006 – 2014              ESL Instructor at Fatih University English Preparatory School: Teaching reading, listening, writing to young adults from A2 to C1 levels

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## **Professional experience as biologist (last five years)**

- Nov 2018-April2019    **Biologist** at the environmental agency of the Autonomous Province Bolzano-South Tyrol
- June 2017-April 2018    Speaker for nature and environment at Alpenverein Südtirol
- March-June 2017        **Teacher** of landscape management and forestry at Fachoberschule für Landwirtschaft- Agricultural Highschool (Auer, BZ, Italy)
- 2014 – June 2016        **Project specialist** at Fatih University Coordinatorship of Technology Transfer and Scientific Research, Istanbul, Turkey  
Coordination of international collaborative project involvement, development and writing: HORIZON 2020, ERASMUS PLUS, CREATIVE EUROPE, UNESCO
- 2012 – June 2016        Executive of the Pollen Monitoring Station TRISFU, Fatih University: contributor to the European Allergen Network (EAN). Sampling and assessing plant and fungal aeroallergens.
- 2017,2018                Assessment of meadows for eligibility of EU subsidies (Regional Development Plan)
- 2016                        Mapping of arctic alpine glacial relicts in habitats of community interest and developing a conservation plan for the Autonomous Province Bolzano-South Tyrol.
- 2014                        Mapping of Natura-2000-Freshwater habitats 3140, 3150, 3260: for the Department of Nature, landscape and spatial development, Autonomous Province Bolzano-South Tyrol
- 2003 - present            **Free-lance Biologist in Italy**

<b>Academic</b>	<b>Qualifications</b>
2010	Master of Science, Biology: Fatih University, Istanbul (TR)
2002	State exam for biologists: University of Bologna (IT)
2001	Magistra rerum naturalium, Botany: Leopold Franzens-University Innsbruck
<b>Certificates</b>	
25.-26.11.2014	H2020 R&I Proposal Development 2014-2016 Europa Media Trainings, Hungary
27.05.2005	University of Cambridge CELTA- Certificate of English Language Teaching to Adults International Training Institute, Etiler/Istanbul
<b>Languages</b>	German (native), Italian (patentino A), English (proficient, TOEFL 109), Turkish (negotiation level)
<b>Grants</b>	Registration fee grant for ESA 6th European Symposium on Aerobiology from 18 to 22 July 2016 in Lyon, France. Poster Grant for the XXII. National Allergy and Clinical Immunology Congress, Antalya (XXII. Ulusal Allerji ve Klinik İmmünoloji Kongresi) COST Action FA1203 Trainee Grant 8 <sup>th</sup> Advanced Aerobiology Course (800 Euro) 2015 Trends in atmospheric pollen counts in western Turkey, Fatih University Scientific Research Grant, No: P50031502 B) 2015-2016, 11.000 TL
<b>Invited speech</b>	
15.12.2016	Ragweed Pollen Concentrations in Istanbul, International Ragweed Day, Bülent Ecevit University, Zonguldak, Turkey
06.06.2005	Guest talk: <i>Water Ditches – Lifelines in Monocultures</i> , South Tyrolean Farmer's Association and the Environment Group Kaltern-Caldaro (BZ)
<b>Research publications and conferences</b>	
Science citation	<b>Zemmer F.</b> , Karaca F., Ozkaragoz F., 2012: Ragweed pollen observed in Turkey: Detection of sources using back trajectory models. <i>Science of the Total Environment</i> .
Peer reviewed	Wilhelm, Th., Aichner G., Argenti C., .... <b>Zemmer F.</b> , 2018 Ergänzungen und Korrekturen zum Katalog der Gefäßpflanzen Südtirols (8) <i>Gredleriana</i> 18/2018 pp 5-16 <b>Zemmer F.</b> , 2014: Update on airborne ragweed monitored in Istanbul, Third <i>International Ragweed Conference, Rho (MI), Italy</i> , GEA Giornale Europeo di Aerobiologia - European Journal of Aerobiology and Environmental Medicine <b>Zemmer F.</b> , 2006: Statements on Drainage Channel Flora of the Etsch River- Valley in South Tyrol, Italy. <i>Gredleriana</i> 6 (in German) Mair P. & <b>Zemmer F.</b> 2004: Phytosociological study on the vegetation on selected sites along the river Etsch between Meran and Salurn (South Tyrol, Italy). <i>Gredleriana</i> 4 (in German) Wilhelm T., <b>Zemmer F.</b> , Beck R., Stockner W. & Tratter W., 2004: Vascular plants new to the flora of South Tyrol (Prov. of Bolzano, Italy): Results of floristic mapping, mainly from the period 2002-2003. <i>Gredleriana</i> 4 (in German)
Book Chapter	<b>Zemmer, F.</b> , 2018: Von den Alpengärten zum Referat für Natur und Umwelt. <i>Forschung und Naturschutz im Alpenverein</i> . In: <i>150 Jahre Alpenverein in Südtirol</i> , (pp. 188-195). Bozen, Italy: Alpenverein Südtirol ISBN 978-88944018-0-6
<b>Conference Proceedings (last five years)</b>	
3-7.09.2018	<b>Zemmer F., Evren C., Özkaragöz F.</b> , Are ragweed ( <i>Ambrosia</i> ssp.) and cocklebur ( <i>Xanthium</i> ssp.) relevant allergens in Turkey? <i>11<sup>th</sup> International Congress on Aerobiology, Parma, Italy</i> ISMB
5.-7.11.2016	<b>Zemmer F.</b> , Which meteorological factors have the most influence on atmospheric tree pollen loads in Istanbul?/ İstanbul'daki Polen Yoğunluğuna En Çok Hangi Meteorolojik Faktör Etki Eder? <i>S1-SB6 Bilidiri Özet/Tam Metini</i>

- Kitabi-Abstracts/Proceedings Book III. Aerobiology, Palinoloji ve Alerjik Hastalıklarda Son Yenilikler Sempozyumu, /3rd Symposium on Aerobiology Palynology and latest Advancements in Allergy, Kastamonu, Turkey.*
18. – 22.06.2016 **Zemmer F.**, Poster 2397: Regional pollen counts reflect local loads of *Ambrosia* spp. but not of *Xanthium* ssp.  
**Zemmer F.**, Posters B: Proposing the evaluation of the Pollen Hay Fever Diary (PHD) by the user. *6th European Symposium on Aerobiology in Lyon, France.*
- Nov. 2015 **Zemmer F., Evren C., F. Ozkaragoz.**, Istanbul'da klinik önemi olan aeroallerjenler – ilk sonuçlar. *Asthma Allergy Immunology, XXII. Ulusal Allerji ve Klinik İmmünoloji Kongresi Bildiri Özet Kitabı.* Vol. 13, 1, Suppl. 1.
- Nov. 2014 **Zemmer F.**, A cluster analysis of airborne pollen sampled in Istanbul *Meeting of the European Aeroallergen Network and the European Aerobiology Society, Vienna, Austria*

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**Affiliations**

2016 - present	Scientific Board of Alergoprofil <a href="http://www.alergoprofil.pl/">http://www.alergoprofil.pl/</a>
2014 - present	Auditor of the International Ragweed Society (IRS)
2013 - present	European Aerobiology Society (EAS) European Association for Allergy, Asthma and Clinical Immunology (EAACI)
2008 - present	National Order of Italian Biologists (ONB)
2002 - present	Biologists Association of South Tyrol (VSB)
25 years	Alpenverein Südtirol, Board of Department of Nature

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