

Curriculum Vitae

Dr. Franziska Zemmer

CURRENT

Researcher at **Fondazione Edmund Mach, Environmental Botany Unit**

Teaching staff in Science didactics · LM-85 bis Education at **Free University of Bolzano**

https://www.researchgate.net/profile/Franziska_Zemmer

<https://scholar.google.it/citations?user=ectgJ7gAAAAJ&hl=en>

Key words: AEROBIOLOGY, ALLERGOLOGY, FLORISTICS, NATURE CONSERVATION, NATURA2000, SCIENCE DIDACTICS

FORMATION

2022 PhD Universidad de Córdoba, Spain in Natural Resources and Sustainable Management

2010 Diploma MSc in Biology, Fatih University, Istanbul, Turkey

(University closed by the government by Delegated Legislation Nr. 667)

2005 Cambridge University CELTA (Certificate in English Language Teaching to Adults)

2001 Diploma Mag. rer. nat. in Biology Botany, Innsbruck University, Austria

POSITIONS

since March 23 2019 Researcher at Fondazione Edmund Mach, Environmental Botany Unit
Teaching staff in Science didactics · LM-85 bis Education at Free University of Bolzano

Supervision of a Master Thesis (2023):

„Einfluss des Unterrichts auf die Schülervorstellungen im Bereich der Naturwissenschaften: Untersuchung von Prä- und Postkonzepten zum Begriff Honigbiene in der Grundschulunterstufe“

since 2008 Free lance Biologist

June 2017- July 2018 Speaker for Nature and Environment at Alpenverein Südtirol

March-June 2017 Teacher in Landscape Management and Forestry at the agricultural high school Fachoberschule für Landwirtschaft, Auer (Italy)

2014 – June 2016 International Projects Coordination at Fatih University Technology Transfer Office

2006 - 2014 Lecturer Fatih University English Preparatory School

2002-2004 Researcher at the Museum of Natural Sciences in Bolzano (Italy)

GRANTS

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 8th Advanced Aerobiology Course 2015

Fatih University Scientific Research Fund *Trends in atmospheric pollen counts in Western Turkey* (No: P50031502_B) (PhD student) 2015-2016

PUBLICATIONS

Book chapter

ZEMMER F. (2023) Natur im Wandel. In: Heimatpflegeverein Margreid (Ed.), Margreid durch die Jahrhunderte. Athesia. ISBN 978 -88-6839-686-2, pp. 58-77

ZEMMER F. & OZKARAGOZ F (2022). Aerobiology in the clinics of pollen allergy. In: Ö. Özdemir (Ed.), *Allergic Disease - New Developments in Diagnosis and Therapy*. IntechOpen. ISBN 978-1-80356-846-1 DOI: 10.5772/intechopen.107311

ZEMMER F., (2018). Von den Alpengärten zum Referat für Natur und Umwelt. Forschung und Naturschutz im Alpenverein. In: 150 Jahre Alpenverein in Südtirol, (pp. 188-195). Bozen, Italy: Alpenverein Südtirol. ISBN 978-88944018-0-6

Journal articles

Science citation

ZEMMER F., DAHL A., GALAN C. (2022). The duration and severity of the allergenic pollen season in Istanbul, and the role of meteorological factors. Accepted for publication in *Aerobiologia* on 02.02.2022 DOI: 10.1007/s10453-022-09742-x

ZEMMER F., CENK E., DAHL A., GALAN C., & OZKARAGOZ F. (2021). A multidisciplinary approach of outdoor aeroallergen selection for skin prick testing in the geographical area of Greater Istanbul. *European Annals of Allergy and Clinical Immunology*. <https://doi.org/10.23822/EurAnnACI.1764-1489.188>

SIKOPARIJA B., GALA'N C., SMITH M., EAS QC WORKING GROUP. (2017) Pollen-monitoring: between analyst proficiency testing. *Aerobiologia*, DOI: 10.1007/s10453-016-9461-3

ZEMMER F., KARACA F., OZKARAGOZ F., (2012). Ragweed pollen observed in Turkey: Detection of sources using back trajectory models. *Science of the Total Environment*.

Peer reviewed

WILHALM T., SPÖGLER E., TRATTER W., SÖLVA E. , LEITNER G., AICHNER G., HOLZER B., BACHMANN R., FUNDNEIDER A. , MERLI M., **ZEMMER F.**, KÖGL C., HILPOLD A., STOCKNER W., EBERT M., GEURDEN JN., MALLAUN, PROSSER F., ROHWEDER F. & SCHWEIGKOFLE H. Ergänzungen und Korrekturen zum Katalog der Gefäßpflanzen Südtirols (11) *Gredleriana* 23, pp. 33-43

MAIR P., FALTNER F., TRATTER W. & **ZEMMER F.** (2023) Neue und bemerkenswerte Moosfunde für Südtirol (Provinz Bozen, Italien). III. *Gredleriana* 23, pp.17-26

WILHALM T., BACHMANN R., HILPOLD A., LEITNER G., SPÖGLER E., DA POZZO, M., HACKHOFER J., SÖLVA E., STOCKNER W., **ZEMMER F.**, AICHNER G., FUNDNEIDER C., et al. (2021). Ergänzungen & Korrekturen zum Katalog der Gefäßpflanzen Südtirols (10). *Gredleriana* 21, 49-76 <https://doi.org/10.5281/zenodo.5592357>

WILHALM T., SPÖGLER E., HACKHOFER J., ZEMMER F., ... TRATTER W. (2020). Ergänzungen und Korrekturen zum Katalog der Gefäßpflanzen Südtirols (9). Gredleriana 20, 29-55
<https://doi.org/10.5281/ZENODO.4245024>

WILHALM TH., AICHNER G., ARGENTI C.,...ZEMMER F., (2018) Ergänzungen und Korrekturen zum Katalog der Gefäßpflanzen Südtirols (8) Gredleriana 18, 5-16.
https://www.zobodat.at/pdf/Gredleriana_018_0005-0016.pdf

ZEMMER F. (2014). Update on airborne ragweed monitored in Istanbul, Third International Ragweed Conference, Rho (MI), Italy, GEA Giornale Europeo di Aerobiologia - European Journal of Aerobiology and Environmental Medicine

ZEMMER F. (2006). Flora der Entwässerungsgräben im Südtiroler Etschtal (Provinz Bozen, Italien). Gredleriana 6, 199 - 230.
https://www.zobodat.at/publikation_articles.php?id=142545

MAIR P. & ZEMMER F. (2004). Vegetationskundliche Untersuchungen an der Etsch zwischen Meran und Salurn (Südtirol). Gredleriana 4: 19 - 54.
https://www.zobodat.at/publikation_articles.php?id=142499

WILHALM T., ZEMMER F., 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. Gredleriana 4 (in German)

PROCEEDINGS

Last five years

04.-05.05.2022

Zemmer F., Was wissen Grundschul Kinder der Unterstufe über die Honigbiene? *Multilab von Bienen bis zu Bärtierchen: Ideen für den naturwissenschaftlichen Unterricht*, Free University of Bolzano (Invited presentation)

16-20.11.2020

Zemmer F., Evren C., Dahl A., Galán C., Ozkaragoz F., Inhalant Allergen Sensitization and Symptoms in Istanbul. 7th ESA European Symposium on Aerobiology, University of Córdoba, Spain virtual edition. (Presentation)

03.-04.09.2020

Zemmer F., Surveying the glacial-relict *Carex maritima* Gunn. on the Sciliar (Bolzano Province, Italy) Tagung Zoologisch-Botanische Forschung in Südtirol, Bolzano, Italy DOI: 10.13140/RG.2.2.15851.36647 (Poster)

LANGUAGES

German (C2), Italian (C1), English, (C1), Turkish (A2), Spanish (A1)

AFFILIATIONS

2016-present

Scientific Board of Alergoprofil <http://www.alergoprofil.pl/>

2014 - present

International Ragweed Society (IRS)

2013 - present

European Aerobiology Society (EAS)

2008 - present

National Order of Italian Biologists (ONB), since 2021 member of working group environment

2002 - present

Biologists Association of South Tyrol (VSB)