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## Personal:

**Born** 23.12.1982 in Villach, Austria

**Nationality** Austria

**Languages** German (native), English (Fluent), Italian (Advanced)

## Professional Experience:

**Since 2012** **Executive Secretary**, International Union for Geodesy and Geophysics (IUGG), German Research Centre for Geosciences, Potsdam, Germany

**2007-2012** **Research Scientist**, Oeschger Centre for Climate Change Research & Institute of Geography, University of Bern, Bern, Switzerland

**2006-2007** **Research Scientist**, Max-Planck-Institute for Biogeochemistry, Jena, Germany

**2006** **University Assistant**, Geomorphology, Department for Geography and Regional Research, University of Vienna, Vienna, Austria

**2005** **Interned**, Department for Environment & Industrial Safety, Mannheim, Germany

## Higher Education:

- 2010**      **PhD in Climate Sciences**, Institute of Geography, University of Bern, Bern, Switzerland, „Extreme Temperature Events in the Mediterranean Region“
- 2007**      **Mag.rer.nat.** (equivalent to MSc) **in Physical Geography**, Department for Geography and Regional Research, University of Vienna, Vienna, Austria, „Driving forces of water-use efficiency in Europe and their future changes due to various climate scenarios“
- 2002-2007**      **Studied Theoretical and Applied Geography**, Department for Geography and Regional Research, University of Vienna, Vienna, Austria

## Publications list:

### Articles + Book chapters (peer-reviewed)

- **Kuglitsch, F. G.**, R. Auchmann, S. Brönnimann, R. Bleisch, O. Martius, and M. Stewart, 2012: **Break Detection of Swiss Temperature Series**. J. Geophys. Res., DOI:10.1029/2012JD017729
- Gualdi S., S. Somot, W. May, S. Castellari, M. Déqué, M. Adani, V. Artale, A. Bellucci, J. S. Breitgand, A. Carillo, R. Cornes, A. Dell'Aquila, C. Dubois, D. Efthymiadis, A. Elizalde, L. Gimeno, C. M. Goodess, A. Harzallah, S. O. Krichak, **F. G. Kuglitsch**, G. C. Leckebusch, B. L'Heveder, L. Li, P. Lionello, J. Luterbacher, A. Mariotti, R. Nieto, K. M. Nissen, P. Oddo, P. Ruti, A. Sanna, G. Sannino, E. Scoccimarro, F. Sevault, M. V. Struglia, A. Toreti, U. Ulbrich, and E. Xoplaki, 2012: **Future Climate Projections**. In: Navarra, A. and L. Tubiana (eds.): Regional Assessment of Climate Change in the Mediterranean, Springer, Dordrecht, The Netherlands, 870 pp
- Ulbrich U., P. Lionello, D. Belušić, J. Jacobeit, P. Knippertz, **F. G. Kuglitsch**, G. C. Leckebusch, J. Luterbacher, M. Maugeri, K. M. Nissen, V. Pavan, J. G. Pinto, H. Saaroni, S. Seubert, A. Toreti, E. Xoplaki, and B. Ziv, 2012: **Climate of the Mediterranean: Synoptic patterns, temperature, precipitation, winds and their extremes**. In: Lionello, P. (ed.): Mediterranean Climate. From Past to Future, Elsevier, Amsterdam, The Netherlands, 550 pp
- Xoplaki, E., R. M. Trigo, R. García-Herrera, D. Barriopedro, F. D'Andrea, L. Gimeno, C. Gouveia, E. Hernandez, **F.G. Kuglitsch**, A. Mariotti, R. Nieto, J. G. Pinto, D. Pozo-Vázquez, H. Saaroni, A. Toreti, I. F. Trigo, S. M. Vicente-Serrano, P. Yiou, and B. Ziv, 2012: **Large-scale atmospheric circulation driving extreme climate events in the Mediterranean and related impacts**. In: Lionello, P. (ed.): Mediterranean Climate. From Past to Future, Elsevier, Amsterdam, The Netherlands, 550 pp
- Toreti, A., **F.G. Kuglitsch**, E. Xoplaki, and J. Luterbacher, 2012: **A novel approach for the detection of inhomogeneities affecting climate time series**. J. Appl. Meteorol. Climatol., DOI:10.1175/JAMC-D-10-05033.1

- Stewart, M.M., M. Grosjean, **F.G. Kuglitsch**, S.U. Nussbaumer, and L. von Gunten, 2011: **Reconstructions of Late Holocene palaeofloods and glacier activity in the Upper Engadine, Switzerland (ca. 1450 BC –AD 420)**. *Palaeogeog. Palaeoclim. Palaeoeco.*, DOI:10.1016/j.palaeo.2011.08.022
- **Kuglitsch, F.G.**, A. Toreti, E. Xoplaki, P.M. Della-Marta, C. S. Zerefos, M. Türkeş, and J. Luterbacher, 2010: **Heat Wave Changes in the Eastern Mediterranean since 1960**. *Geophys. Res. Lett.*, DOI:10.1029/2009GL041841 (*awarded as an AGU “Research Highlight”; also published in the “Research Spotlight” section of EOS, AGUs weekly newspaper*)
- Toreti, A., **F.G. Kuglitsch**, E. Xoplaki, J. Luterbacher, and H. Wanner, 2010: **A novel method for the homogenization of daily temperature series and its relevance for climate change analysis**. *J. Clim.*, DOI:10.1175/2010JCLI3499.1
- Toreti, A., E. Xoplaki, D. Maraun, **F.G. Kuglitsch**, H. Wanner, and J. Luterbacher, 2010: **Characterisation of extreme winter precipitation in Mediterranean coastal sites and associated anomalous atmospheric circulation patterns**. *Nat. Haz. Earth Syst. Sci.*, DOI:10.5194/nhess-10-1037-2010
- Toreti, A., **F.G. Kuglitsch**, E. Xoplaki, P.M. Della-Marta, E. Aguilar, M. Prohom, and J. Luterbacher, 2010: **A note on the use of the Standard Normal Homogeneity Test (SNHT) to detect inhomogeneities in climatic time series**. *Int. J. Climatol.*, DOI:10.1002/joc.2088
- **Kuglitsch, F.G.**, A. Toreti, E. Xoplaki, P.M. Della-Marta, J. Luterbacher, and H. Wanner, 2009: **Homogenization of Daily Maximum Temperature Series in the Mediterranean**. *J. Geophys. Res.*, DOI:10.1029/2008JD011606

#### Book chapters (non peer-reviewed)

- **Kuglitsch, F.G.**, 2009: **Weinbau und Heurige in Wien. Flüssiger Genuss**. In: Embleton-Hamann, C., M. Keiler, and I. Teufel (eds.): *Wien - Umweltstadtführer. Einblicke in die Natur einer Großstadt*, Boehrlau, Vienna, Austria
- Keiler, M., **F.G. Kuglitsch**, and H.E. Rieder, 2009: **Spurensuche im Unterlauf des Wienflusses**. In: Embleton-Hamann, C., M. Keiler, and I. Teufel (eds.): *Wien - Umweltstadtführer. Einblicke in die Natur einer Großstadt*, Boehrlau, Vienna, Austria

#### Editorial

- Brunet, M. and **F.G. Kuglitsch** (eds.), 2008: **Proceedings of the International Workshop on Rescue and Digitization of Climate Records in the Mediterranean Basin**. WCDMP NO. 67, WMO-TD No. 1432. Geneva: XX + 220 pp

#### Theses

- **Kuglitsch, F.G.**, 2010: **Extreme Temperature Events in the Mediterranean Region**, PhD thesis, University of Bern, Bern, Switzerland

- **Kuglitsch, F.G., 2007: Determinanten der Wassernutzungseffizienz in Europa und deren Veränderung bei verschiedenen Klimaszenarien**, Diploma thesis, University of Vienna, Vienna, Austria