Julian Walterskirchen

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Research Associate, Center for Crisis Early Warning, University of the Bundeswehr, Munich.

Research interests

Conflict and Security Studies, International Relations, quantitative methods, conflict prediction, natural language processing, machine learning, counter-terrorism, and the prevention of violent extremism.

Employment

Sep. 2021 - ongoing Research Associate

Center for Crisis Early Warning, University of the Bundeswehr, Munich. *"Integrating unstructured data sources to improve crisis early warning models"*. Director: Prof. Dr. Carlo Masala.

Mar. 2021 - Sep. 2021 Research Associate

Crisis Early Warning - IT Support, Center for Intelligence and Security Studies (CISS), University of the German Federal Armed Forces. *"Validation of computer-assisted methods to improve crisis early warning models"*. Project manager: Prof. Dr. Carlo Masala.

Mar. 2019 - Feb. 2021 Research Assistant

Department of Political Science of the University of Innsbruck - OeNB funded project. *"Sanction dynamics in the cases of North Korea, Iran and Russia: Objectives, Measures and Effects"*. Supervised by Prof. Dr. Gerhard Mangott.

Apr. 2018 - Jan. 2019 Prevention of Violent Extremism (PVE) Consultant

United Nations Office of Counter-Terrorism, New York City.

Sept. 2017 - Feb. 2018 Political Affairs Intern

United Nations Office of Counter-Terrorism, New York City.

Education

Oct. 2016 - Dec. 2017 M.Sc. International Relations, University of Essex

Thesis supervision: Prof. Dr. Kristian S. Gleditsch. Graduated with distinction.

Oct. 2012 - Jun. 2016 B.A. Political Science, University of Innsbruck

Thesis supervision: Prof. Dr. Gerhard Mangott.

Publications

Published

2023 Introducing an Interpretable Deep Learning Approach to Domain-Specific Dictionary Creation: A Use Case for Conflict Prediction. *Political Analysis*. Co-authored with Sonja Häffner, Maximilian Nagl, and Martin Hofer.

2023 Replication of The Morning After: Report from the Nottingham Replication Games. *SocArXiv*. Co-authored with Christian Oswald, Sonja Häffner, Marco N. Binetti, and Christoph Dworschak.

2022 Sanction dynamics in the cases of North Korea, Iran and Russia: Objectives, Measures and Effects. *SpringerBriefs in International Relations*. Co-authored with Gerhard Mangott and Clara Wend.

2019 A Cross-National Analysis of Forced Population Resettlement in Counterinsurgency Campaigns. *Peace Economics, Peace Science and Public Policy*. 26 (1). Co-authored with Tobias Böhmelt, Christoph Dworschak, and Ulrich Pilster.

Work in progress

In progress - "Enhancing Conflict Prediction: Investigating Temporal Dynamics and Spatial Dependencies through Deep Learning and Transformer-Based Architectures". Co-authored with Christian Oswald, Sonja Häffner, and Marco N. Binetti.

In progress - "The night before or the morning after: Coup risk, failed coup attempts, and minister removals in autocracies". Co-authored with Christian Oswald, Sonja Häffner, Marco N. Binetti, and Christoph Dworschak.

In progress - "Using Aspect-Based Sentiment Analysis to Measure Interstate Relations: UN General Assembly General Debates and Interstate Disputes". Co-authored with Sonja Häffner.

In progress - "The Impact of Sanctions Imposition Coordination: A Time-Varying Measure of EU and US Sanctions Coordination in the Cases of Russia, Iran, and North Korea" Co-authored with Sonja Häffner.

In progress - "Do Alliances Deter Civil War? Assessing the Effect of Military Alliances on the Onset of Intrastate Violence." Co-authored with Florian Unterhuber.

In progress - "Two Sides of the Same Coin: Forced Resettlement and Mass Killing." Co-authored with Christoph Dworschak.

Training

Summer Schools

Aug. 2021 - University of Essex Summer School in Social Science and Data Analysis: Advanced Machine Learning For Social Scientists taught by Reto Wüest.

Aug. 2017 - University of Essex Summer School in Social Science and Data Analysis: Agent Based Models taught by Darren Schreiber.

Jul. 2017 - University of Essex Summer School in Social Science and Data Analysis: Data Visualization taught by Richard Traunmüller.

Teaching

University of Innsbruck, Department of Political Science

Winter semester 2020/21 - 402010 PS Applied Methods of Social Sciences.

Summer semester 2020 - 402024 PS Statistics: Statistics for Social Sciences using R.

Winter semester 2019/20 - 402022 PS Statistics: Statistics for Social Sciences using R.

Conferences & Workshops

Conferences

Nov. 2023 - Center for Crisis Early Warning Symposium 2023, Munich, Germany.

Jun. 2023 - European Peace Science Conference (NEPS), Bologna, Italy.

May 2023 - Computational Text Analysis (COMPTEXT), Glasgow, UK.

May 2022 - Computational Text Analysis (COMPTEXT), Dublin, Ireland.

Aug. 2020 - European Consortium for Political Research (ECPR), online.

Jun. 2017 - European Peace Science Conference (NEPS), Antwerp, Belgium.

Workshops

Oct. 2023 - Workshop "2023/24 VIEWS prediction challenge", Berlin, Germany.

Sep. 2023 - Workshop "Empirical Research on Peace and Conflict" (AFK Methoden), Munich, Germany.

Sep. 2022 - Workshop "Empirical Research on Peace and Conflict" (AFK Methoden), Sandbjerg, Denmark.

Jul. 2017 - Workshop "Political, Economic, Social, and Legal Aspects of Hosting Migrants and Refugees", Bahçeşehir University, Istanbul, Turkey.

References

Kristian S. Gleditsch - University of Essex, ksg@essex.ac.uk, +44 (0) 1206 872517, MSc supervisor.

Tobias Böhmelt - University of Essex, tbohmelt@essex.ac.uk, +44 (0) 1206 872288, Instructor and co-author.

Christoph Dworschak - University of York, christoph.dworschak@york.ac.uk, +49 (0) 178 5426705, Co-author.