

Gokberk Gorur

Meteorology graduate specializing in numerical weather prediction, atmospheric dynamics, and energy forecast verification. Experienced in working with numerical weather prediction models, and proficient in Python and R for large-scale meteorological data processing, ensemble forecast analysis, and model validation using station observations.

Contact

Phone
+90 541 940 30 36

E-mail
gokberkgorur@gmail.com

Website
gkbrkgrr.com

Competencies

- Python
- R
- C#
- WRF
- MS Office

Languages

Turkish - Native
English - C1

Experience

Vitus Commodities

Quantiative Meteorologist — **Jul 2025 - Jan 2026**
Jr. Quantiative Meteorologist — **Jan 2025 - Jul 2025**

Developed wind and solar power generation forecasts for Europe, US, and Japan using numerical weather models to support energy trading activities in European markets. Contributed to the full operational forecasting lifecycle, including data ingestion, feature engineering, machine learning model development, forecast production, validation, and automated reporting. Converted numerical weather prediction outputs into reliable energy forecasts for operational use in energy trading and market analysis.

DeltaV Space Technologies

Internship — **Jul 2023 - Aug 2023**

Performed Weather Research and Forecasting (WRF) model parameterization experiments to assess and improve wind speed forecast accuracy across multiple locations. Analyzed, visualized, and interpreted model outputs and measurement data to evaluate model performance and identify suitable physics configurations.

Education

BSc Meteorological Engineering — Sep 2019 - Jul 2025

Istanbul Technical University

Investigated the impact of different WRF physics parameterizations on extreme precipitation events over Istanbul. The study focused on selected convective and frontal precipitation cases, comparing model outputs against station observations to evaluate forecast performance and identify more suitable physics configurations for operational precipitation forecasting.

Publications

Görür, G., & Dimov, J. (2026, October 10). *Britain's £33 Million Balancing Day: Was the Wind Forecast Wrong?* A115. https://a115.co.uk/could-a-better-wind-forecast-have-saved-britain/

References

- **Umur Dinç -** https://www.linkedin.com/in/umur-dinç-595234100/
- **Cem Özen -** https://www.linkedin.com/in/cemozenn/