

# Curriculum Vitae

## Assoc. Prof. Dr. Zehra Yumurtaci



Associate Professor at Yıldız Technical University

### Studies

1986, Graduation from Yıldız Technical University Mechanical Engineering Department

MSc degree at Yıldız Technical University

PhD degree in Mechanical Engineering from Yıldız Technical University

Associate Professor at Yıldız Technical University

Postdoctoral Studies in the Mechanical Engineering Department of Canada, Ecole Polytechnic Enstitute

2012, Associate Professor in the Energy Technologies Branch of Mechanical Department, Yıldız Technical University

### Professional Experience

Her current research focus is on

- (i) Evaluation and modelling strategies for renewables energy systems
- (ii) Renewable energy systems (specially Hydropower and wind energy)
- (iii) Regulation of energy markets
- (iv) Energy policy strategies

She works in these fields since more than 20 years and has published various papers in reviewed international journals. Moreover, she has coordinated and coordinates projects for The Scientific and Technological Research Council of Turkey (Tübitak) and she has studied by researcher. Dr. Yumurtaci worked as a project leader or researcher in projects like "Integration of Turkey Wind Energy Potential to the Grid by Utilizing Pump Storage Power Plants", "Computational Fluid Dynamics Analysis in Cavitating Pumps", "Modeling the Macro-Spatial Statistical Distribution of Wind Speeds and Optimization of an Integrated System Windfarm Using Different Wind Turbines According to Mean Generated Power and Various Risk Criteria".

Assoc. Prof. Dr. Yumurtaci, is also organizing national and international conference as chair or co-chair.

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Yıldız Technical University

Istanbul, Turkey

[www.yildiz.edu.tr](http://www.yildiz.edu.tr)