

## Res. Asst. Sefa Bektaş

### Personal Information

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### International Researcher IDs

ScholarID: qb41Gf8AAAAJ

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### Education Information

Postgraduate, Istanbul Technical University, Eneji Enstitüsü, Enerji Bilim Ve Teknoloji, Turkey 2017 - Continues

Undergraduate, Hacettepe University, Mühendislik Fakültesi, Nükleer Enerji Mühendisliği Bölümü, Turkey 2011 - 2016

### Foreign Languages

English, B2 Upper Intermediate

### Research Areas

Environmental Risk Assessment, Physics, Nuclear physics, General Nuclear Reactions, Nuclear Structure, Nuclear Engineering and Nuclear Energy Studies, Natural Sciences

### Academic Titles / Tasks

Research Assistant, Istanbul Technical University, Enerji Enstitüsü, Enerji Bilim Ve Teknoloji, 2018 - Continues

### Published journal articles indexed by SCI, SSCI, and AHCI

- An integrated method for atmospheric dispersion and corresponding risks: Application to ITU TRIGA Mark II research reactor**  
Bektaş S., Şentürk Lüle S.  
Progress in Nuclear Energy, vol.143, 2022 (SCI-Expanded)
- The computational fluid dynamics evaluation of the diffuser on N-16 radioisotope rise time in TRIGA mark II research reactor tanks**  
Bektaş S., Lüle S., Çolak Ü.  
Progress in Nuclear Energy, vol.134, 2021 (SCI-Expanded)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Shielding Performance of a Proposed Spent Fuel Pit for the ITU TRIGA Mark II Research Reactor**  
BEKTAŞ S., ŞENTÜRK LÜLE S., ÇOLAK Ü.  
European Research Reactor Conference, Helsinki, Finland, 26 September 2021
- II. **CRITICALITY ANALYSIS OF PROPOSED TRIGA SPENT FUEL PIT DESIGN FOR VARIOUS HYPOTHETICAL EVENTS**  
Bektaş S., Şentürk Lüle S., Çolak Ü.  
29th International Conference Nuclear Energy for New Europe, Piran, Slovenia, 7 - 10 September 2020

## Supported Projects

Şentürk Lüle S., Kutbay F., Bektaş S., Özkan F. Ö., Çolak Ü., Project Supported by Higher Education Institutions, Nükleer Reaktörlerin Tasarım ve Güvenlik Analizlerinde Kullanılan Kodların Kuplajı ve Ara Yüzünün Geliştirilmesi, 2019 - 2022

## Metrics

Publication: 4

Citation (WoS): 2

Citation (Scopus): 5

H-Index (WoS): 1

H-Index (Scopus): 2