Yahya Sogodok

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Sex : Male | **Date of birth**: 30/11/1995 | **Nationality**: Cameroonian

EDUCATION

- PhD in Architectural Lighting Engineering, 2024-Present
  Oregon State University
  1500 SW Jefferson Way Corvallis, OR 97331, United State
  https://oregonstate.edu/

- MSc in Electrical Engineering, GPA: 3.7 (lowest grade: 2.5, highest grade 4), 2020-2022
  Kocaeli University, Turkey
  Thesis topic: Comparative study of solar optical fiber and artificial light for daylighting in the tunnel threshold zone

- BSc in Electrical and Electronic Engineering, GPA: 3.5, 2014-2018
  Islamic University of Technology, Bangladesh
  Thesis topic: Micro-Grid Load Flow and Fault analysis.

- GCE A-levels, average grade: 19 (lowest grade: 4, highest grade 25), 2012-2014
  Douala, Cameroon

WORK EXPERIENCE

Research Assistant, USTUN ELEKTRIK TAAHHUT INSAAT DEKOR, Turkiye, 2021-2022

- Conducted research for a project on 'Design of a constant current LED power supply.'
- Conducted research for a project on 'Retail Biodynamic Lighting.'
- Took part in writing proposal for Horizon Europe 2020 with focus on Human centric lighting.
- Wrote and published white papers for Mavi and NaDe Elektronik.

TEACHING EXPERIENCE

Teaching Assistant and Research Assistant

- Depart of Electrical and Electronic Engineering, Islamic University of Technology, 2019
- Department of Civil Engineering, Oregon State University, 2024-Present

PROFESSIONAL TRAINING AND INTERNSHIPS

- Industrial Training at Ghorashal Thermal Power Station, Dhaka, Bangladesh (2017).
  Focused on the operation and maintenance of gas turbine generators and the role of transformers at the generation side.

CERTIFICATIONS

- Short course on Third Generation Flexible AC Transmission Systems (Dynamic Modelling and Simulation).
- Professional Project Management using Microsoft Project and Primavera.

PUBLICATIONS

Papers and preprints

- C.Perdahçı, **Y. Sogodok**. Comparative study of solar optical fiber and artificial light for daylighting in tunnel threshold zone. Light& Engineering, **29**(6),95-101, 2021.
- C.Perdahçı, O.Hasanoğlu, **Y. Sogodok**. Tunnel lighting: algorithm to determine standard values of luminance in tunnel zones using the c programming language approach. Light& Engineering, **29**(6), 102-109, 2021.

CONFERENCES, WORKSHOPS, OTHER RESEARCH ACTIVITIES

- 3rd International Eurasian Conference on Science, Engineering and Technology (The economical and environmental analysis of threshold zone illumination using biodynamic led luminaires: case study of Huashuyan tunnel in china), December 15-17, 2021, 809-815
- International IDU Engineering Symposium – IES'21, (Comparison of luminance level enhancing Techniques in the tunnel threshold zone), December 13-18, 2021.

TALKS

- Talk Series "Current Topics in Sleep & Circadian Health organized by Max Planck Institute (Attending), 2022
- deLighted talk "Goodlight-Balancing Health and Energy by Daylight Academy (attended), 2022

AWARDS AND SCHOLARSHIPS

- Turkiye Government Bursary to finance master's degree, 2019
- Organization of Islamic Cooperation bursary to finance undergraduate degrees, 2014.

MEMBERSHIPS

- Member of The International Association of Lighting Designers (IALD)
- Member of Illuminating Engineering Society (IES)

RELEVANT EXTRACURRICULAR EXPERIENCE

- Academic Advisor in the International Student Association at the Islamic University of Technology, 2017-2018
- Marbling Art course, 2020-2021
- Calligraphy and Oil painting, 2022

ADDITIONAL EXPERIENCE

- Performed retail lighting Design for Mavi Wares company in Turkey.
- Simulated an animal laboratory prototype to study the effect of light on Hamsters for Canakkale University.

COMPUTING SKILLS

Python	basic
Matlab	intermediate
SPSS	intermediate
Dialux Evo	advanced
PSCAD	Intermediate
Homer Pro	Intermediate

LANGUAGE SKILLS

Turkish	Intermediate
English	native
French	native
Haussa	Proficiency
Arabic	Basic