



## ICESCO Releases Winners for the program «My Thesis in 1000 Words» Competition 2<sup>nd</sup> Edition- 10 Semi-Finalists

The Islamic World Educational, Scientific, and Cultural Organization (ICESCO) and the Federation of the Universities of the Islamic World -FUIW in collaboration with Sultan Qaboos University - Remote Sensing and GIS Center (SQU-RSGIS), the ICESCO Chair of Machine learning in Remote Sensing, the IEEE and the Geoscience and Remote Sensing Society (IEEE-GRSS) and the Oman National Commission for Education, Culture and Science (OmanNatCom), have the pleasure to announce the winners for the program “My Thesis in 1000 Words” Competition – 2nd Edition. A program that aims to encourage PHD students to hone their communication skills

and sharpen their ability to present their doctoral thesis in 1000 words. The jury has selected 10 participants, in line with the criteria of technical quality, innovation and creativity, to examine their works and selected the best thesis meeting the conditions and criteria of the program.

This edition has seen the participation of more than 100 participants from 22 countries and 35 Universities including USA, Brunei Darussalam, Malaysia, Tunisia, UAE, KSA, Comoros, Senegal, Egypt, Pakistan, Sudan, Palestine, Algeria, Bahrain, Nigeria, Jordan, Yemen, Syria, Kuwait, Bahrain, Morocco...

### THEMATIC 1: THESIS FOR ALL DISCIPLINES

- 1. Sundos Nasser Said Al Subhi**, Georgia State University- USA-Thesis: System for Ontology Learning and Extraction (SOLE).
- 2. Abeer Abdulmohsen Alfarhan**, Kuwait University- Kuwait-Thesis: Corrosion Inhibition of Carbon Steel by Novel Resorcin [4] arene coatings and Their Graphene Oxide composites in Aggressive media.
- 3. Chaimae Elrhouttais**, Sultan Moulay Slimane University- Morocco- Thesis: Valorization of the pomegranate fruit by controlling and improving cold storage conditions.
- 4. Hajar Akhoutir**, Ibnou Zohr University- Morocco- Thesis: Characterization of the resistome and mobilome in Gram-negative bacterial pathogens: a comparative study between environmental and clinical strains;
- 5. Tahia Ben Mohamed Ben Saoud Attoubia- Qaboos University- Sultanat Oman- Thesis: A proposed educational content in the Arabic language based on the Kanak and Swain model of communicative competence to support the linguistic identity of tenth grade students in the Sultanate of Oman.**

### THEMATIC 2: THESES ON ARTIFICIAL INTELLIGENCE

- 1. Machail bent Abd Arrahmane Allhibi**, King Saud University, Kingdom of Saudi Arabia- Thesis: Integration of Geospatial Techniques and Artificial Intelligence in the Detection of the Potential Spatial Dimension of Geothermal Energy in the Upper Wadi Al-Hamd Basin in the Medina Region.
- 2. Alaae Ismail Annoubi**, Imam Abdulrahman bin Faisal University- Kingdom of Saudi Arabia- Thesis: Geoarchaeology of the City of Jubba in the Hail Province in the North of the Kingdom of Saudi Arabia “Use of Remote Sensing and GIS Techniques”.
- 3. Khalid Mubarak Naser Aljabri**, Sultan Qaboos University- Sultanate Oman. Thesis: Assessing the Carbon Sequestration Potential of Targeted Plants Using Sensing Systems, GIS and Machine Learning.
- 4. Marwa Zerrouk**, Hassan II Agronomic and Veterinary Institute - Kingdom of Morocco- Thesis: Monitoring Wild Birds via Satellite Imagery and AI Integration: Examining Opportunities and Challenges.
- 5. Imene Benmakhlof**, University of Batna 1, Algeria- Thesis: Mapping of biodiversity and climate variations in the AURES region of Algeria.

In this context, all the 10 Semi-finalists will present their works at the Final of “My Thesis in 1000 Words” which will be held on **December 17, 2024** in Muscat, Sultanate Oman.

