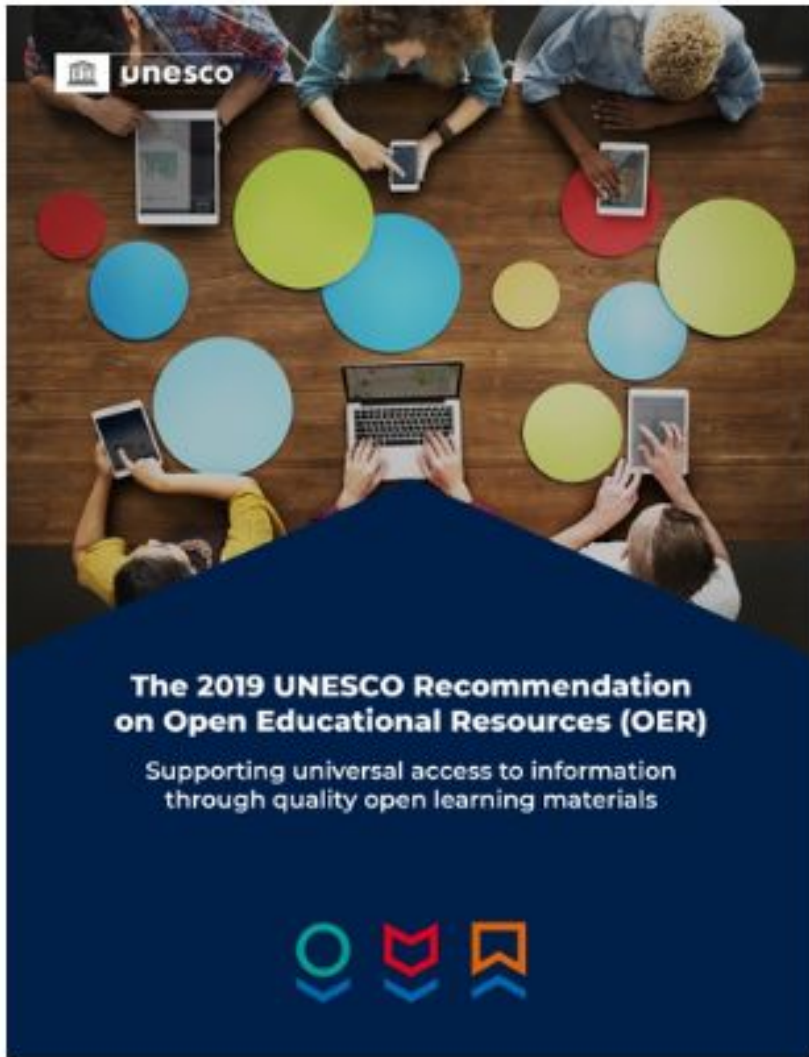




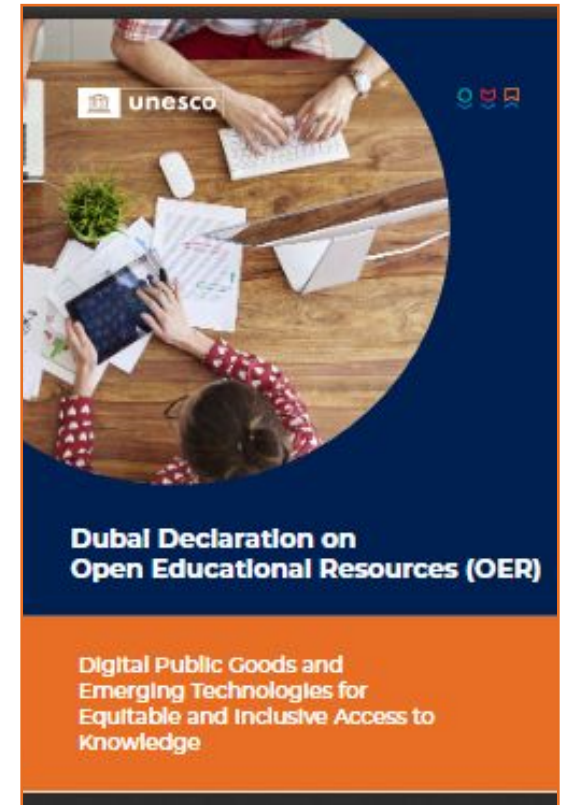
Zeynep Varoglu
Senior Programme Specialist
Section for Universal Access to
Information
Communication and Information
Sector
UNESCO

The Dubai Declaration on OER: AI and Emerging Technologies for Equitable Access to Learning



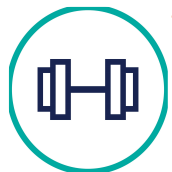
5 Areas of Action

1. Capacity Building
2. Policy Support
3. Inclusive Equitably Quality OER
4. Sustainability
5. International Cooperation



OER = learning, teaching and research materials in any format and medium that **reside in the public domain or are under copyright** that have been **released under an open license**, that **permit no-cost access, re-use, re-purpose, adaptation and redistribution** by others.

Dubai Declaration on OER



Capacity Building

- Professional Development for AI in OER
- Inclusive Digital Literacy for OER Stakeholders
- Improving OER Attribution and Discoverability
- Digitally Signed Works for OER
- Human Rights-Based Strategies



Policy

- Respect for Licenses in AI Platforms
- Recognition of Open Licenses in AI Training
- Machine-Readable Licenses for AI Outputs
- Research on Attribution Systems



Ensuring inclusive & equitable access to quality OER

1. AI-Enabled OER for Accessibility
2. Machine-Readable Licenses for OER
3. OER Translation and Contextualization
4. Promote Open Ecosystems for OER



Sustainability Models for OER

1. Interoperability and IPR Protection
2. Environmental Sustainability
3. Participatory Governance and Transparency
4. Promote Open Ecosystems for OER



International cooperation

1. Regional and International Networks
2. Engagement with Open Community and Legal Experts
3. Inter-Regional Cooperation on AI Frameworks
4. Authorship Recognition and AI Model Training
5. AI Platforms for OER Creation

How OER can strengthen teaching and learning

Personalized Learning

Teacher Empowerment

Policy Alignment

Dubai Declaration

- Equitable access to AI tools to adapt OER for personalized learning.
- Key role of Educators in leading OER development, supported by capacity-building for AI integration.
- AI-driven OER policies must balance global frameworks with local priorities for inclusive education.

Responsible and Inclusive Use of AI in OER

**ROAMX
Principles**

**Sustainable
Practices**

Collaboration

Dubai Declaration

- AI practices based on the ROAMX principles are vital to safeguard data and build trust in education systems.
- AI can eliminate barriers to equitable and inclusive education by addressing diverse needs.
- Transparent governance ensures the sustainable and responsible use of AI in education.

Way Forward



Dubai Declaration on Open Educational Resources (OER)

Digital Public Goods and
Emerging Technologies for
Equitable and Inclusive Access to
Knowledge

Integration: Align with Dubai Declaration for the implementation of the 2019 Recommendation to expand equitable, accessible learning

ROAMX Principles : Foster transparency and respect for human agency in AI-OER systems.

Collaboration: Leverage partnerships to advance innovative, sustainable educational practices.
Call to Action: Let's harness AI and OER to bridge educational gaps and foster global knowledge sharing.

Thank you

Zeynep Varoglu

z.varoglu@unesco.org

To join the UNESCO OER Dynamic Coalition

<https://survey.unesco.org/3/index.php?r=survey/index&sid=163625&lang=en>

UNESCO 2019 Recommendation on OER

<https://unesdoc.unesco.org/ark:/48223/pf0000383205>

UNESCO OER Dynamic Coalition Portal

<https://oerdynamiccoalition.org/>

Dubai Declaration on OER:

<https://unesdoc.unesco.org/ark:/48223/pf0000392271/PDF/392271eng.pdf.multi>