

TOKYO COLLEGE

共に考える未来 Shaping the Future Together



Lecture by
Invited Professor

Zoom
Webinar

AI Impacts on Long-term Climate Targets

AI is a double-edged sword for climate change, with impacts ranging from data centres to the wider economy. This talk reviews evidence on how AI influences energy transitions and carbon emissions, separating hype from reality and highlighting optimism bias in many AI-climate assessments. It also presents new research on AI's effects on global emissions pathways to 2050. The results show that aligning AI development with climate action will play a major role in achieving long-term climate targets affordably.

2026. **9.30** [Wed.]
14:00-15:00 JST



Lecturer

**Charlie
Wilson**

Professor,
Environmental
Change Institute,
University of Oxford

Commentator

**KURAMOCHI
Takeshi**

Project Professor,
Institute for Future Initiatives,
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Moderator

**SHIMAZU
Naoko**

Deputy Director,
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Organized by

Tokyo College, The University of Tokyo Institutes for Advanced Study

Language

English (Japanese interpretation)

Contact

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