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[E] Oral | U (Union ) | Union

## [U-05] Climate change and the challenges of using renewable energy

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Wed. May 28, 2025 9:00 AM - 10:30 AM Exhibition Hall Special Setting (1) (Exhibition Hall 7&8, Makuhari Messe)

The Earth's climate has undergone great changes, for example, glacial and interglacial periods repeating in the Quaternary Period. And recently, due to rapidly progressing of climate change caused by the mass consumption of fossil fuels, the environmental problems and natural disasters have become more serious.

In this session, we discuss the mechanisms of long-term and short-term climate change based on historical climate survey. Next, we discuss about energy shift to renewable energy such as solar, wind and geothermal energy to prevent climate change, and we will consider its energy potential, the current situation, and challenges to promotion.

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9:00 AM - 9:10 AM

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