## TR-12-12 **Environmental Management** September 18 – October 5, 2012

**Lecturer: Bunsuke Kariya** 

Petroleum Industry in Japan; Environmental Content: Management; Wastewater Treatment; Air Pollution Control; Oil Industry's Contribution to **Environment Protection:** Wastewater Treatment Using Ferrous Particles; Carbon Capture and Storage; **Environment Protection and High Efficiency** Turbine; Environmental Management in Refinery; CO<sub>2</sub> Reduction and Introduction of New Energy; Industrial Waste Treatment and Soil Remediation: Global Warming Countermeasures; Case Study and Discussion



<13 countries / 16 participants>

Site visits: JX Nippon Oil & Energy Corporation (Head Office);

Hitachi Plant Technology; Research Institute of Innovative Technology for the Earth; Kawasaki Heavy Industries; JX Nippon Oil & Energy Corporation (Marifu Refinery); Nippo Corporation (Head Office & Sodegaura Plant)

Countries: Indonesia, Iraq, Kazakhstan, Libya, Malaysia, Pakistan, Papua New Guinea, Philippines, Saudi Arabia, Thailand, Uzbekistan, Vietnam, Yemen