Environment and energy engineering course Chihiro Inoue Lab.

Graduate School of Environmental Studies, Dept. of Environmental Studies for Advanced Society Resource strategy division, Geoenvironmental remediation lab.

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Main research projects

- 1. Study on remediation technologies for polluted soil and underground water (petroleum hydrocarbons, organochloride compounds, heavy metals)
- 2. Development and application of biotechnologies to solve environmental problems •Environmental pollution: bioremediation, phytoremediation •Energy and resource: bioleaching, bio-extraction of rare metals
- 3. Efficient use of waste (biomass after phytoremediation, coal ash, etc)
- 4. Molecular analysis of organisms effective in bioremediation
- 5. Research on distribution of microplastics and their degradation by microorganisms

