

Utilization of resources and wastes for environment (Otsuki, Nakasaki, Egashira)

In order to achieve “sustainability” in our society, we have maximized resources productivity (product generated per unit resources) in industrial activities and minimized material/energy load (wastes) to the environment. In addition, wastes have been reused and recycled properly, even if wastes are generated. This lecture provides several examples of such industrial processes and technologies as above which effectually utilize resources and wastes.

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1. Oct.06(Mon.am) Prof. Otsuki Fundamental information about waste
2. Oct.20(Mon.pm) Prof. Otsuki Activities in construction industries
3. Oct.27(Mon.pm) Prof. Otsuki Activities in cement and concrete field(1)
4. Nov.06(Thu.pm) Prof. Otsuki Activities in cement and concrete field(2) and related researches
5. Nov.10(Mon.pm) Prof. Nakasaki Bio-refinery (1)
6. Nov.26(Wed.pm) Prof. Nakasaki Bio-refinery (2)
7. Dec.01(Mon.pm) Prof. Nakasaki Solid waste treatment (1)
8. Dec.08(Mon.pm) Prof. Nakasaki Solid waste treatment (2)
9. Dec.15(Mon.pm) Prof. Nakasaki Cascade biomass use
10. Dec.22(Mon.pm) Prof. Egashira Petroleum Refinery (1)
11. Jan.15(Thu.pm) Prof. Egashira Petroleum Refinery (2)
12. Jan.19(Mon.pm) Prof. Egashira Petroleum Refinery (3)
13. Jan.26(Mon.pm) Prof. Egashira Water Treatment
14. Feb.02(Mon.pm) Prof. Nakasaki Summary (optional extra day)