

## Documents

**IOP Conference Series: Earth and Environmental Science**

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**Abstract**

The proceedings contain 93 papers. The topics discussed include: modeling the salinization of a coastal lagoon-aquifer system; a comparison of anaerobic 2, 4-dichlorophenoxy acetic acid degradation in single-fed and sequencing batch reactor systems; the effect of drinking water quality on the health and longevity of people- A case study in Mayang, Hunan Province, China; capability of microalgae for local saline sewage treatment towards biodiesel production; the utilization of leftover as acid catalyst to catalyze the transesterification and esterification reactions; and modeling the transport of oil after a proposed oil spill accident in Barents Sea and its environmental impact on alke species.

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