

Research Round Up

Title of the project: Fate and dynamics of Endocrine Disrupting Chemicals (EDCs) and Pharmaceutically Active Compounds (PhACs) in the Soil Environment
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Funding Body: CRC CARE

Collaborating organisations: None

Key issue/s addressed:

- Are PPCP and EDC-like chemicals present in biowaste materials produced by sewage treatment processes and intensive farming practices in Australia?
- Do PPCP and EDC-like chemicals in biosolids contaminate biosolid-amended arable land in Australia?
- Can PPCP and EDC-like chemicals become mobilized from biosolid-amended arable land in Australia?

Objectives:

- Initially; completion of a literature review of the research topic at 12 months after commencement of a PhD research program addressing the Key issues

Planned Outputs/Outcome (by when):

- A literature review will be completed by December 2007

Methodological approach:

- As indicated in a submitted research proposal of the PhD program

Key findings so far:

- Instrumental analytical methods have been selected and in-house methods are being developed
- Development of a QC/QA analytical program is an ongoing process

Please tick the relevant theme below:

Monitoring/ Analysis Exposure assessment Environmental Fate Effects

Treatment Technology Risk Assessment Other