

NERP TE Project 4.3 Ecological risk assessment of pesticides, nutrients and sediments on water quality and ecosystem health – Phase 1 (CSIRO, JCU)

[Metadata](#) | [Metadata \(XML\)](#)

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| Title | NERP TE Project 4.3 Ecological risk assessment of pesticides, nutrients and sediments on water quality and ecosystem health – Phase 1 (CSIRO, JCU) |
| Date | 2011-07-01 |
| Date type | Creation |
| Abstract | <p>This project undertook a scoping study to develop a robust approach that will allow us in Phase 2 to carry out an ecological risk assessment (ERA) of nutrients, fine suspended sediments, and pesticides used in agriculture in the GBR region including ranking the relative risk of individual contaminants originating from priority catchments to the GBR ecosystems using a systematic, objective and transparent approach.</p> <p>The researchers will specifically look at a method able to evaluate relative risk to different ecosystems and their keynote species from the different contaminants, e.g. suspended sediments versus nitrogen (and different forms of nitrogen) versus phosphorus (different forms) versus pesticides (different types).</p> <p>The results of the Phase 1 study were used to secure support to carry out a full risk assessment.</p> |

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|-------------------|---------------|
| Metadata language | eng |
| Character set | UTF8 |
| Hierarchy level | Field session |

OnLine resource

| | |
|----------|---|
| Linkage | https://eatlas.org.au/data/uuid/0c63dafd-0ed3-48a4-93cc-63c1a8b8399f |
| Protocol | WWW:LINK-1.0-http--metadata-URL |
| Linkage | https://eatlas.org.au/nerp-te/gbr-jcu-csiro-ecological-risk-assessment-phase1-4-3 |
| Protocol | WWW:LINK-1.0-http--link |

Point of contact

| | |
|-------------------|--|
| Individual name | Kookana, Rai, Dr |
| Organisation name | Land and Water, Commonwealth Scientific and Industrial Research Organisation (CSIRO) |
| Position name | Senior Principal Research Scientist |
| Role | Principal investigator |
| Individual name | Brodie, Jon, Mr |
| Organisation name | TropWATER, James Cook University (TropWATER/JCU) |
| Position name | Research Scientist |
| Role | coInvestigator |
| Topic category | Environment |

Extent

| | |
|-------------|---------------------|
| Description | NERP Project extent |
|-------------|---------------------|

Geographic bounding box

| | |
|-------------|---------|
| West bound | 153.328 |
| East bound | 142.385 |
| South bound | -24.167 |
| North bound | -10.412 |

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| File identifier | 0c63dafd-0ed3-48a4-93cc-63c1a8b8399f |
| Metadata language | eng |
| Character set | UTF8 |

Metadata author

| | |
|-------------------|---|
| Individual name | Lawrey, Eric, Dr |
| Organisation name | Australian Institute of Marine Science (AIMS) |
| Role | metadataContact |
| Date stamp | 2014-09-03T10:41:42 |