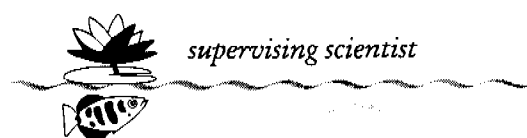




**Problems for wetland
managers of the future**

CM Finlayson &
RWJ Pidgeon

October 1998



PROBLEMS FOR WETLAND MANAGERS OF THE FUTURE

CM Finlayson & RWJ Pidgeon

Overhead sheets used during the presentation of this paper at the

INDIGENOUS USE OF WETLANDS WORKSHOP

Batchelor, NT

29 Sept – 1 Oct 1998

This workshop was organised by the Centre for Tropical Wetland Management and the Centre for Indigenous Natural & Cultural Resource Management at the Northern Territory University. The workshop was supported by a number of organisations, including eriss.

Problems for wetland managers of the future

**Max Finlayson
&
Bob Pidgeon**

**Environmental Research
Institute
Jabiru NT**

Problems for wetland managers of the future

- **The problems**

- **environmental flows**
- **acid sulphate soils**
- **climate change and
sea level rise**
- **weeds**
- **feral animals**
- **tidal power barrages**

- **The solutions**

The problems

Environmental flows

- **disruption of the natural flow regime - volumes, rates, sources, seasons**

The problems

Acid sulphate soils

- **clearance of wetlands resulting in pollution, fish kills and further vegetation loss**

- **more of a problem in NQ**

The problems

Climate change and sea level rise

- **sea level and tidal surge inundation of freshwater wetlands**
- **increased flooding and soil erosion**
- **beach/dune erosion**

The problems

Weeds

- **invasion and spread of current weed species (mimosa, salvinia, paragrass)**
- **invasion and spread of further weed species (pasture grassess)**

The problems

Feral animals

- **invasion/spread of existing feral species (pigs, cane toads)**
- **invasion/spread of further feral species?**

The problems

Tidal power barrages

- **barrages across tidal flats**
- **disruption of tidal and river flow regimes**
- **loss of habitats and native species**

The consequences

Loss and degradation of

- **‘natural’ habitats**
- **native species, incl migratory ones**
- **current productive capacities**
- **cultural and social values**