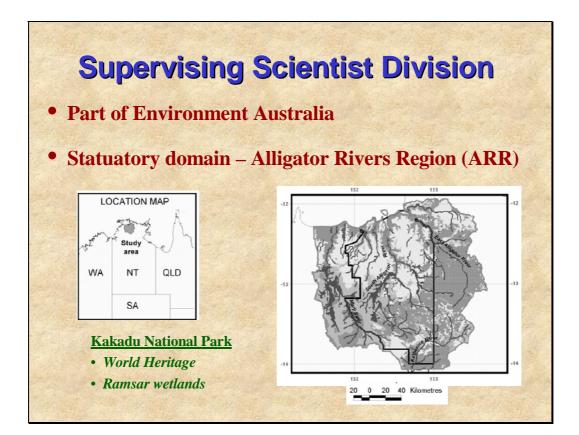


Assessment of Threats to Marine & Coastal Environments in the Tropics

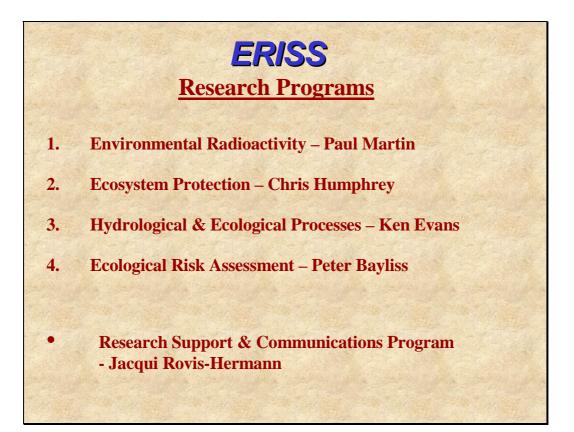
Peter Bayliss and Caroline Camilleri



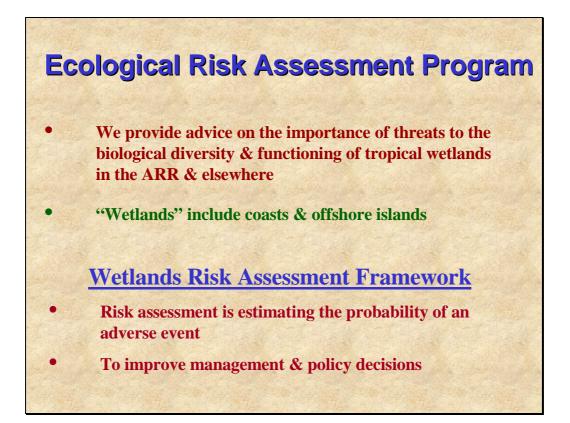


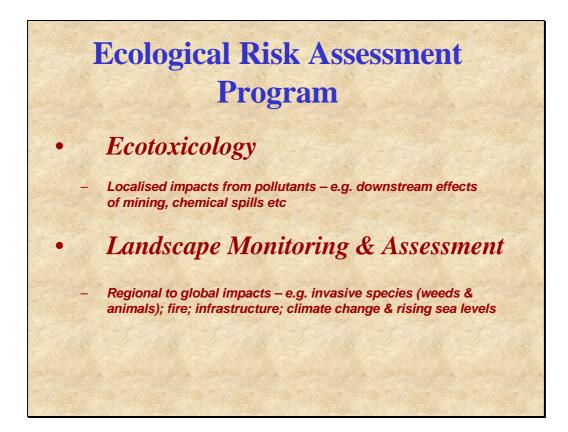


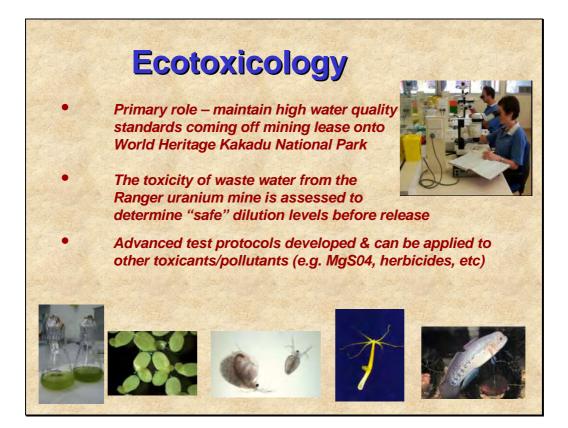


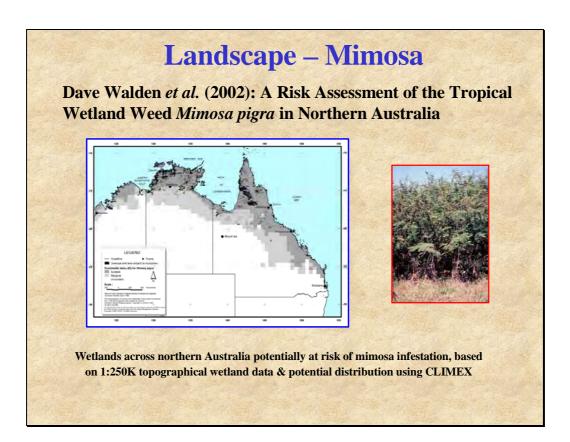


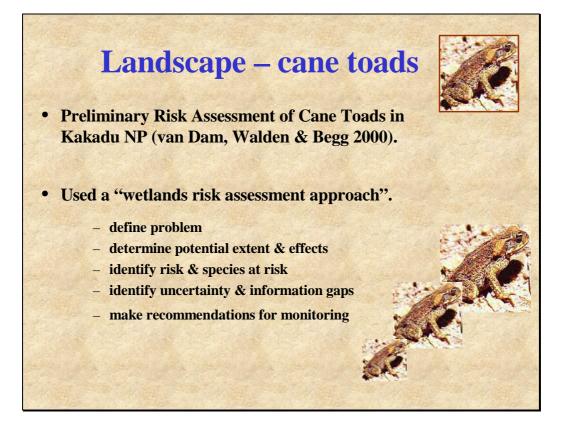




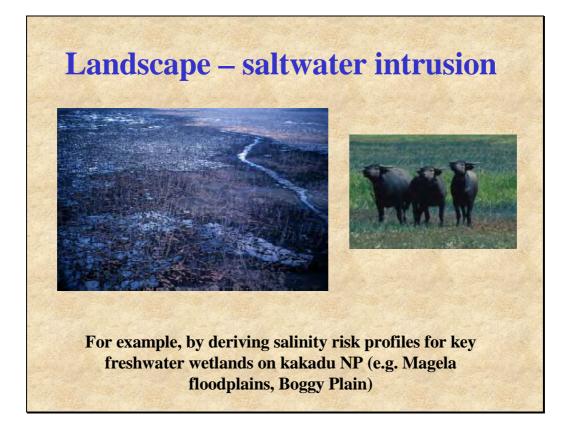








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MARINE & COASTAL ISSUES

- Emerging issues northern Australia, great opportunities but needs strategic positioning & partnerships
- Dr Ilse Kiessling adjunct fellow with NTU KCTWM & CINCRM, works for the National Oceans Office & on the Advsiory Committee nctwr – one of our advisors on marine & coastal issues.
- Report for NTU: State of play in marine & coastal management in northern Australia: an overview of planning, management, research & policy initiatives (2002)
 - jurisdiction & management
 - values & uses: economic (fisheries, aquaculture, tourism), environmental & cultural
 - threats to values
 - strategic opportunities & key planning initiatives
 - existing capacities & stakeholders
 - advocates strongly a partnership approach

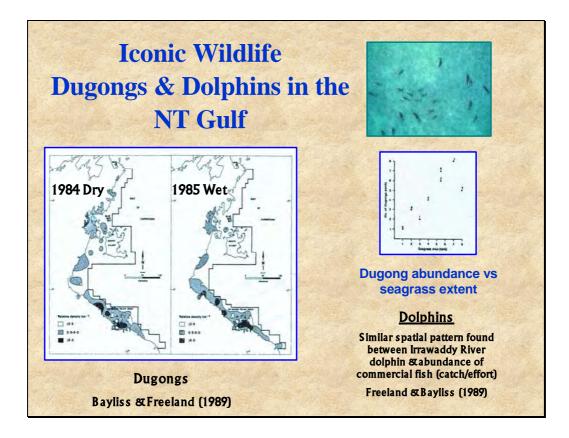
Future research relevant to marine & coastal issues

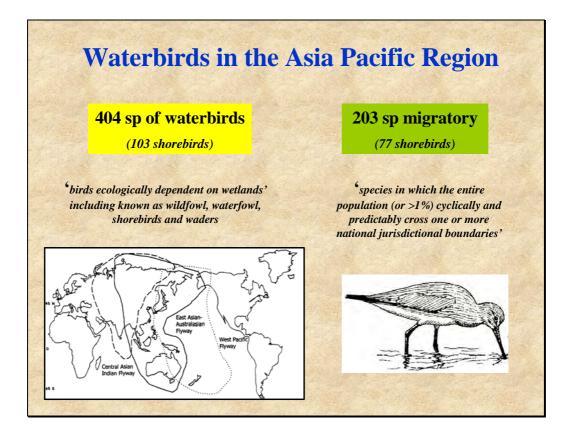
Ecotoxicology

- Assess risks from Mimosa herbicides & other agricultural chemicals (sources of land-based pollution)
- Assess risks to wetlands from effects of saltwater intrusion
 - derive site-specific Trigger Values for salt
 - determine saltwater tolerances of key tropical freshwater plants
- Determine potential for marine & coastal ecotoxicology work (e.g. oil/gas developments) in tropical Australia & Asia-Pacific









Shorebird Conservation Project

(part of proposed National Waterbird Monitoring & Assessment Program)



- Main collaborators NT Maria Bellio & Ray Chatto (NT P&WC)
- Other collaborators Birds Australia, Wetlands International, EA, nctwr, WA & Qld govts
- Use multi-scalar Wetlands Inventory, Assessment & Monitoring Systems
 - Use landscape analysis to identify important conservation areas for shorebirds along coastline

