



Marine Science in WA 2010 Show-&-Tell

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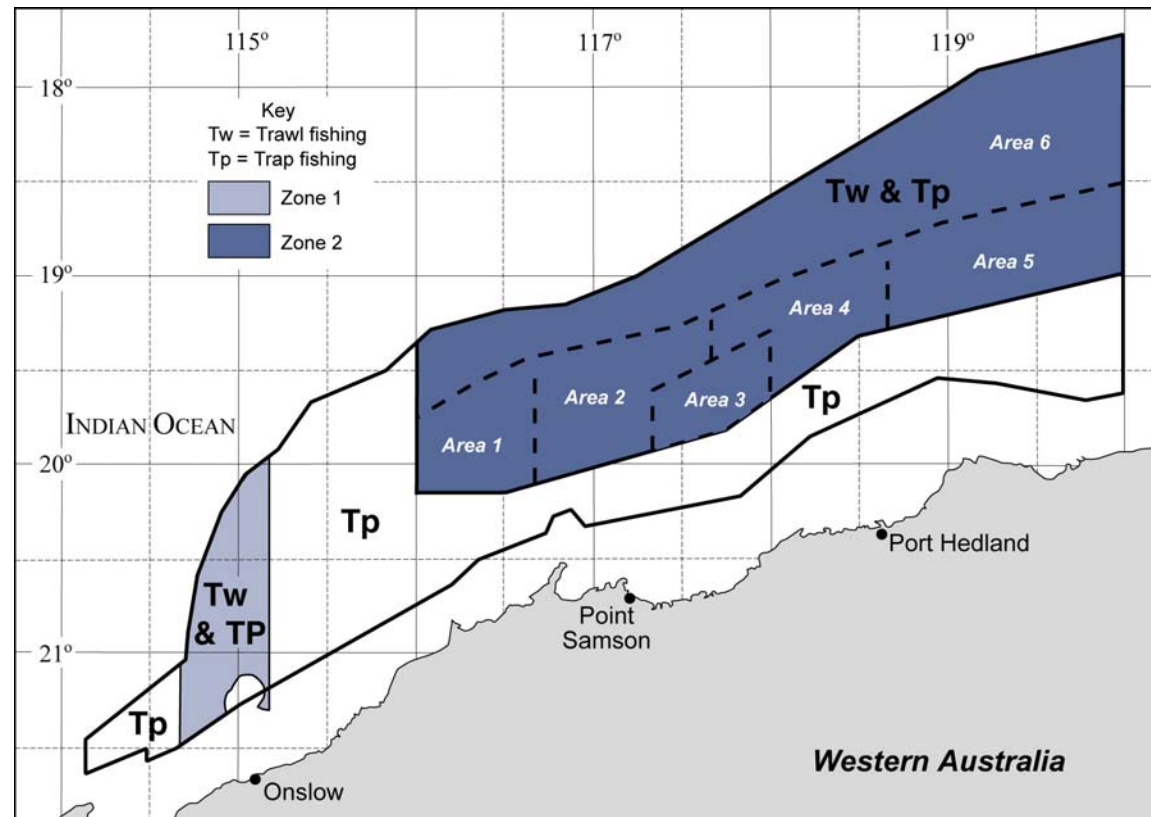
**Newsflash title: Pilbara Demersal Scalefish
Managed Fishery**





Pilbara Demersal Scalefish Managed Fishery

Corey Wakefield, Peter Stephenson & Stephen Newman





RESEARCH SUMMARY

CURRENT RESEARCH

- **Sustainability of scalefish resource monitored using weight-of-evidence approach, which incorporates age-based stock assessment model and f-based assessment (relative to exploitation reference levels) for 4 indicator species, and catch and effort statistics (suite of species) analysed separately for each of the commercial trawl, trap and line managed fishing zones.**
- **Onboard monitoring to commence in 2011 to collect catch composition data (EBFM approach) to supplement age-based stock assessment of indicator species.**
- **Ongoing research into Bycatch Reduction Devices to limit capture of protected species, e.g. dolphins & turtles, and large sharks and rays in collaboration with Murdoch University and commercial trawl fishing industry.**

KNOWLEDGE GAPS

- **Recreational catch and effort statistics limited (last creel survey in 1999-2000)**
- **Age, growth and reproductive biology of indicator species needs revising**
- **Age, growth and reproductive biology of 5 lutjanid species required for national project**