



The Pilbara Marine Conservation Partnership Symposium

Program

CSIRO Auditorium, 147 Underwood Avenue, Floreat 2016

Tuesday 25th of October, 2016

Registration 8:45 – 9:00 am

Symposium Chairs: Dr. Russ Babcock (CSIRO) and Professor Shaun Collin (UWA)

09:00 – 10:40 Session 1: Environmental pressures and processes

- Welcome
- Seafloor and reef biodiversity (Roland Pitcher, CSIRO)
- The importance of incorporating behaviour into connectivity models for fish larvae in the Pilbara (Olly Berry, CSIRO)
- Connectivity and resilience modelling in Pilbara coral populations (Russ Babcock, CSIRO)
- Genetic connectivity of Pilbara marine habitats and associated taxa (Richard Evans, DPaW)
- Threatening environmental processes (Ryan Lowe, UWA)
- Conservation, connectivity and biosecurity on Pilbara islands (Cheryl Lohr, DPaW)

10:40 – 11:00 Morning tea served

11:00 – 13:00 Session 2: Coral Health

- WA Marine Monitoring Program (Tom Holmes, DPaW)
- Crown of Thorns (CoTs)/coral community dynamics (Mick Haywood, CSIRO)
- Coral recruitment in Dampier (Damian Thomson, CSIRO)
- Corals: past and future (Jim Falter, UWA)
- Density-dependent coral recruitment (Chris Doropoulos, CSIRO)
- Understanding coral communities in the Dampier Archipelago: Past and present (Margie Rule, DPaW)
- Macroalgae on shallow reefs (Ylva Olsen, UWA)
- Drupella: coral predator thresholds for Ningaloo (Cindy Bessey, CSIRO)

13:00 – 14:00 Lunch served

14:00 – 15:45 Session 3: Fauna

- Critical habitat needs for marine mammals in the Pilbara (Holly Raudino, DPaW)
- Threatened Species Information and Protection Program (Felicity Kelly, DPaW)
- Fish and shark communities of the Pilbara: informing conservation and fisheries management - Part 1 (Dianne McLean, UWA)
- Fish and shark communities of the Pilbara: informing conservation and fisheries management - Part 2 (Tim Langlois, UWA)
- An index of recruitment for important recreationally and commercially targeted fish species in the Pilbara (Leah Candland, UWA)
- A model for investigating tipping points and resilience in WA coral ecosystems (Fabio Boschetti, CSIRO)
- Benchmarks and thresholds in marine park KPIs (with emphasis on fish) (Mat Vanderklift, CSIRO)

15:45 – 16:15 Afternoon tea served

16:15-17:00 Session 4: Wrap-up and discussion

- General discussion: Building synergies and integration

17:00 – 19:00 Refreshments
