



Marine Science in WA 2010 Show & Tell

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Newsflash title: IOC Perth Office, & the Indian Ocean
Global Ocean Observing System (IOGOOS)



UNESCO IOC Perth Office and IOGOOS

Indian Ocean Panel of GOOS/CLIVAR

10 member nations, with institutional backing

Observing, analyses, predictions (integrated, shared IP)

Coupled climate influence across islands and continental margins

Program value now ~0 to \$10 millions / years

IMOS off N-NW Australia relevant

Seasonal monsoon variability - Intraseasonal (30-90 day period)

oscillations and far field impacts - Decadal variability

Warming trends since the 1970s

Ocean circulation (Indonesian Throughflow, shallow and deep overturning circulation)

Marine ecosystems and biogeochemistry

Indian Ocean Dipole

