



Marine Science in WA 2010 Show-&-Tell

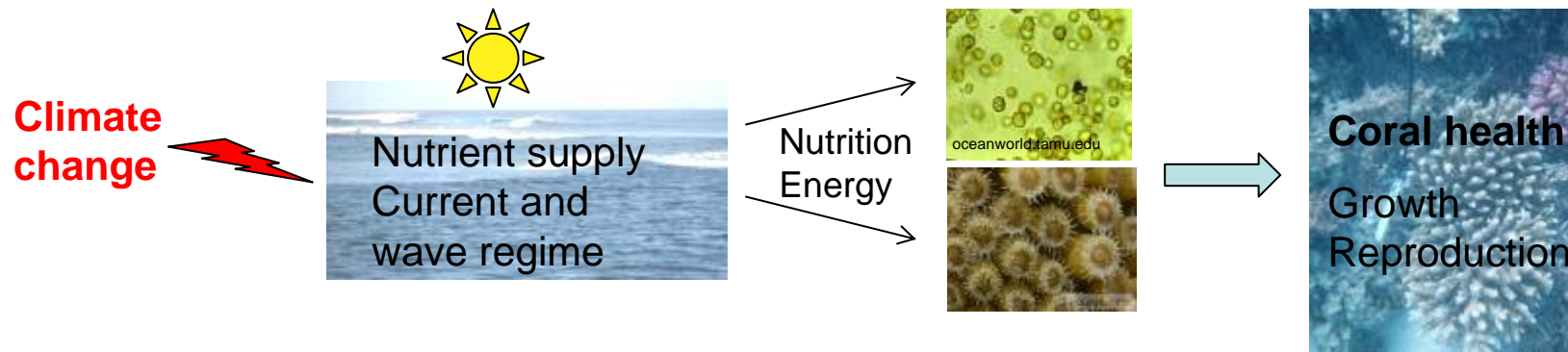
Name: Saskia Hinrichs

Affiliation: UWA

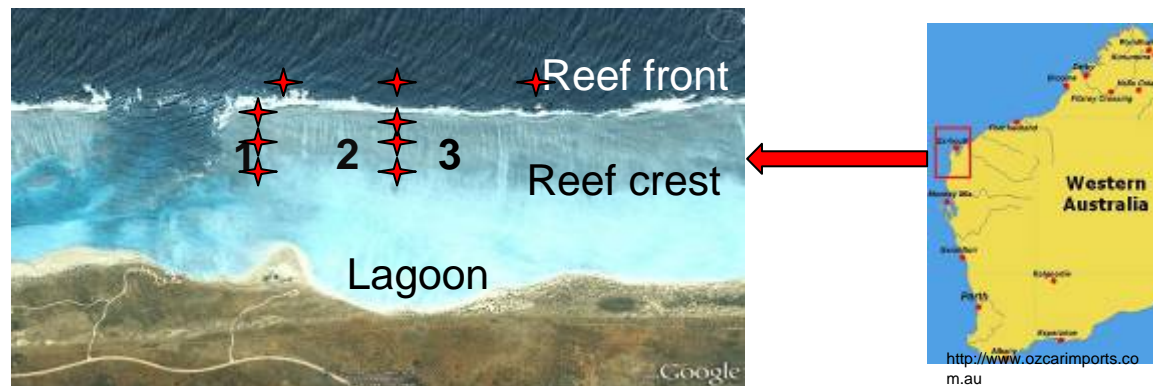
**Supervisors: Prof Anya Waite, Dr Nicole Patten,
Prof Carolyn Odhem, Dr Ming Feng, Prof
Athanasios T. Vafeidis**

**Newsflash title: Oceanographic control of coral
health: implications for climate change impacts**





1. How do metabolic rates and the energy of corals change during spawning events under different environmental conditions?
2. Is there a functional relationship between increasing current speed and the health of dominant coral species?



Translocation experiment (1,2,3)

Transect sampling (stars)

Indices for coral health: Lipid ratio, RNA/DNA ratio, Zooxanthellae density and pigmentation