

Trophodynamics Workshop
 CMAR Auditorium
 Wednesday 14 April 2010

| Time | Speaker | Title |
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| 8.50am | <i>Coffee on arrival</i> | Chair: Jock Young |
| 9.00am | Jock Young and David Smith | Background and introduction |
| 9.15am | Beth Fulton | Ecosystem models and the desperate need for diet data |
| 9.30am | Geoff Hosack (CMIS) | Towards data driven qualitative analysis of food web stability properties: even qualitative models need data. |
| 9.45am | Grace Chiu (CMIS) | Statistical Social Network Modelling of Trophic Relations in Food Webs: Current State and Beyond |
| 10.00am | Gavin Fay | Including data on predation mortality into stock assessments: ecosystem and single-species approaches for longspine thornyhead (<i>Sebastolobus altivelis</i>). |
| 10.15am | Discussion | |
| 10.30am | <i>Morning tea</i> | Chair: Cathy Bulman |
| 10.45am | Jock Young | The power of many! |
| 11.00am | Steve Blaber (Cleveland) | Predation studies from northern Australia and beyond |
| 11.15am | Shane Griffiths (Cleveland) | A synopsis of trophic studies on tropical neritic pelagic fishes in northern Australia and their importance for quantitative ecosystem models |
| 11.30 | Cathy Bulman | From Guts to Glory (or mush to models) |
| 11.45 | Mike Fuller | Oh Data, Data, Wherefore art thou Data? |
| 12.00 | Discussion | |
| 12.30-1.25pm | <i>Lunch in the canteen</i> | Chair: Andy Revill |
| 1.30pm | Olly Berry (Floreat) | Genomic tools for trophodynamic questions |
| 1.45pm | Andy Revill | Physics to fish, Isoscapes to food webs: can we use isotope landscapes to help model fisheries ecosystems? |
| 2.00pm | Rhys Leeming | Elucidating Trophodynamic Uncertainty and Change with Nitrogen Isotopes of Amino Acids |
| 2.15pm | Mat Vanderklift (Floreat) | Certainties and uncertainties in use of bulk stable isotope data to inform fisheries ecology |
| 2.30pm | Peter Nichols | Signature lipids – where are we at and what is |

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| | | next? |
| 2.45pm | Discussion | |
| 3.00-3.15pm | <i>Afternoon tea</i> | Chair: Jock Young |
| 3.20pm | Discussion | Models, analysis, databases, methods, where to from here? |
| 5.00pm | <i>Meeting Close</i> | |