

Palaeoecology and interpretation of past environments. A four day workshop by the 'Throughflow' team, and visit to petroleum industry offices/laboratories in Jakarta

GRDC, Bandung June 13-17th 2011

Day 1 Monday 13th

Morning

9.00 Introduction, Bob Morley

9.15 Clastic sedimentology, Irfan Cibaj (Total Indonesie)

Brief overview of main clastic facies found in coastal and shelf settings, as well as sedimentary structures and ichnofacies.

12.30 Lunch

Afternoon

13.30 Carbonate and clastic shallow marine facies with emphasis on larger foraminifera. Willem Renema

Day 2 Tuesday 14th

Morning

9.00 Microfossils and depositional environments, Bob Morley.

Characterisation of fluvial, coastal plain, shelf and slope/basinal facies using foraminifera and palynology, with emphasis on clastics

12.30 Lunch

Afternoon

13.30 Larger foraminifer identification and field characterisation of Indonesian Letter Stages using a hand lens, a guide for field geologists, Willem Renema

Day 3 Wednesday 15th

Morning

9.00 Calcareous algae and depositional environments, Juan Carlos Braga

12.30 Lunch

Afternoon

13.30 Molluscs as indicators of depositional environments, Jon Todd

Day 4 Thursday 16th

Morning

9.00 Oceanography and global climate modelling, Matthias Prange

12.00 lunch

2.00 Paul Taylor. The use of bryozoans for reconstructing past environments

4.30 Summing up by Bob Morley

Day 5 Friday 17th

9.00 Student progress reports

12.30 Lunch

2.00 Board meeting, project progress.

Saturday 18th, Sunday 19th - free time (visit classic carbonate localities near Bandung, such as Rajamandala limestone?), travel to Jakarta

Monday 20th Visit to Corelab, a petroleum service company in Jakarta

RJM 6/6/11