

PRELIMINARY PROGRAM

Chapman Conference on Continent-Ocean Interactions within the East Asian Marginal Seas

Sunday, 10 November 2002

4:00-6:00 pm Registration and Reception

Monday, 11 November 2002

Introduction

8:30-8:40 am Peter Clift Introductory Remarks

Plate tectonic setting of East Asian Marginal Seas

8:40-9:05 am J R Ali Problematic Palaeomagnetism and the Position of Palaeogene Eurasia: a Review; Implications for the Tectonic Modeling of East Asia; Efforts to

9:05-9:30 am J Encarnación Response of Southeast Asian marginal basins to the India-Asia collision,

9:30-9:55 am V L Bezverkhny Fluidodynamics and Structure-Matter Evolution of the West Pacific Transition Zones

9:55-10:40 am Keynote N White Extracting Dynamic Topography from Sedimentary Basins in SE Asia

10:40-10:50 am Discussion

10:50-11:45 am Coffee and posters

Poster C Heine A New Geodynamic Model for the Evolution of Australia's Northwest Shelf and Southern Southeast Asia

Poster M Sdrolias Plate Boundary Configurations in SE Asia: Results From Geodynamic Modelling

Tectonic Evolution of the East Asian Marginal Seas

11:45-12:10 R Hall Sundaland Basins

12:10-12:35 pm C Morley The significance of deformation in Thailand for understanding the regional Tertiary tectonics of Indochina

12:35-12:50 pm Discussion

12:50-2:00 pm Lunch

2:00-2:25 pm U Barckhausen The Dangerous Grounds Area: Extended Continental Crust in the Southeastern South China Sea

2:25-2:50 pm P Yan Lateral Variation of the Crustal Structure in the Northern Margin of the South China Sea

2:50-3:15 pm L Wan Study on the Crust Structures of the Northern Margin of the South China Sea

3:15-4:15 pm Tea Break-Posters

4:15-4:40 pm Z Sun The Basin Formation Dynamics and Experimental Evidence of Ying-Qiong basin, NW South China Sea

4:40-5:05 pm A T Lin Cenozoic Stratigraphy and Subsidence History of the South China Sea Margin in the Taiwan Region

5:05-5:30 pm S-K Hsu New Insights on the Tectonics of the Northern South China Sea

5:30-5:45 pm Discussion

5:45 Reception?

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8:30-8:55 am		H Schouten	The Tectonics of Arc-Continent Collision and Subduction Polarity Reversal in Taiwan
8:55-9:20 am		H S Yu	Foreland Sedimentation, Longitudinal Sediment Transport and Shifting Submarine Canyon in a Remnant Margin Sea off SW Taiwan
9:20-9:45 am		C-S Lee	Hydrothermal Vent / Submarine Volcano / Earthquake in the Southernmost Part of Okinawa Trough
9:20-9:45 am		E Honza	Formation of the Japan and the Kuril Basins in the Late Tertiary
9:45-10:00 am		Discussion	
10:00-11:15 am		Coffee-Poster	
	Poster	S Dorobeck	Comparison of Structural Styles and Regional Subsidence Patterns Across the Nam Con Son and Cuu Long Basins, Offshore Southeast Vietnam
	Poster	S Dorobeck	Structural Styles and Regional Significance of Inversion Across the Nam Con Son Basin, Offshore SE Vietnam
	Poster	J R Curray	Tectonics and History of the Andaman Sea Region
	Poster	N T Yu	High-Resolution Miocene Sequence Stratigraphy of South China Sea Continental Margins: an Outcrop/Subsurface Example of Taiwan
	Poster	Y Wang	Crustal Composition of the Northern Margin of South China Sea: Implication for Rheological Heterogeneity and Basin Evolution
	Poster	S Suzuki	Development of South China Sea and Philippines Arc
	Poster	S H Yoon	Evolution of the Southwestern Margin of the East Sea (Sea of Japan): Sequence Stratigraphy and Geologic Structures
	Poster	Shiguo Wu	Mesozoic-Cenozoic Rifting and Origins of the North Yellow Sea Basin
	Poster	A T Chen	Seismic Observation in the Southern Okinawa Trough Based on Combined OBS and Land Network Data
	Poster	A Draut	The Tectonics of Arc-Continent Collision and Subduction Polarity Reversal in Taiwan
	Poster	V L Bezverkhny	The Sea of Okhotsk Paleotectonics and Zoning

Sedimentary Fill of the East Asian Marginal Seas

11:15-12:00	Keynote	L R Bartek	Impact of Climate Change, Eustasy, and Margin Physiography on the Geologic Record of Continental Margins
12:00-12:25 pm		C-S Liu	Deposition of the Orogenic Sediment in the Huatung Basin East of Taiwan
12:25-12:40 pm		Discussion	
12:40-2:00 pm		Lunch	
2:00-2:25 pm		Y Saito	Late Holocene Delta Evolution of the Mekong River, Southern Vietnam
2:25-2:50 pm		J Li	Controls on the Terrigenous Sediment Supply to the Okinawa Trough During the Late Quaternary
2:50-3:15 pm		S Y Yang	Provenance Study of the Yellow Sea Sediment: Geochemical Evidence From Chinese and Korean Rivers
3:15-4:30 pm		Tea break-posters	
4:30-4:55 pm		J P Liu	Post-Glacial Sea Level and Sedimentation in a River-Dominated Epicontinental Shelf: The Yellow Sea

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4:55-5:20 pm		P. Yin	Architectures and Sedimentology of Post-Glacial Tidal Sand Ridges in the East China Sea
5:20-5:45 pm		S H Lee	Sedimentary Processes of Quaternary Sediments in the Southwestern Part of the East Sea (Sea of Japan)
5:45-6:00 pm		Discussion	
	Poster	J P Liu	Post-Glacial Sea Level and Sedimentation in a River-Dominated Epicontinental Shelf: The Yellow Sea
	Poster	J H Jin	Late Quaternary Sequence Stratigraphic Framework in the Eastern Yellow Sea
	Poster	S L McDonnell	Interaction and Correlation Between Ocean Bottom Currents and the Formation of Deep-sea Erosional and Depositional Features in the Western Sea of Japan
	Poster	L Lembke	Impact of Amurs Fluvial Discharge on Sediment Transport and Deposition in the Sea of Okhotsk
	Poster	Y J Shinn	High-resolution Acoustic Characteristics of Epicontinental Shelf Deposits, Central-Eastern Yellow Sea

Wednesday, 13 November 2002

Continent-Ocean Interactions

8:30-9:15 am	Keynote	L Royden	Tectonics, Dynamics and Geomorphology of the Eastern Tibetan Plateau
9:15-9:40 am		M K Clark	Surface Uplift, Tectonics and Erosion of Eastern Tibet as Inferred From Major River Incision and Large-Scale Drainage Patterns
9:40-10:05 am		P Clift	An Erosional Response to Tibetan Plateau Uplift in the East Asian Marginal Seas?
10:05-11:15 am		Coffee-Posters	
	Poster	T J J Hanebuth	Land-Sea Linkages of Depositional Systems at the Western Margin of the South China Sea During the Past 130 Kyr
	Poster	S L McDonnell	Bathymetry and Topography of the Northern Asian Pacific Margin

Paleoceanography

11:15-12:00	Keynote	W Prell	
12:00-12:25 pm		Y Arvelyna	Wavelet Analysis for Internal Wave Monitoring in SAR Image
12:25-12:40 pm		Discussion	
12:40-2:00 pm		Lunch	
2:00-2:25 pm		K L Verosub	Environmental Magnetic Record of ODP Site 1148 (South China Sea): Direct Correlation of Marine and Terrestrial Paleoclimate Records?
2:25-2:50 pm		S A Nathan	Middle to Late Miocene Paleoceanography of the South China Sea and Western Tropical Pacific: Testing Linkages Between Indonesian Seaway Closure and Sea Level Change
2:50-3:15 pm		C A Huh	Teleconnection and its Speed Between the Equatorial Pacific and the Western Pacific Margins: Evidence From the Sedimentation Record of Plutonium Isotopes in the Southern Okinawa Trough.
3:15-3:45 pm		Tea break	

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3:45-4:10 pm		P Wang	Oceanographic and Sedimentological Response of East Asian Marginal Seas to Tectonic and Eustatic Changes
4:10-4:55 pm	Keynote	R Tada	The Japan Sea as a Sensitive System Responding to Regional and Global Environmental Changes
4:55-5:20 pm		L Lembke	Multidecadal to Millennial Scale Climatic and Oceanographic Cyclic Changes in the Sea of Okhotsk
5:20-5:40 pm		Discussion	
	Poster	L Löwemark	TOC and $\delta^{13}\text{C}_{\text{org}}$ Records of Monsoon-Driven Paleoproductivity Variations in the Southeastern South China Sea (IMAGES core MD972142) over the past 900 ka
	Poster	W Kuhnt	Early Evolution of the South China Sea: Sediments and Biofacies of Oligocene-Miocene Deep-Water Environments
	Poster	A Holbourn	Middle Miocene Paleooceanographic Events in the South China Sea and Eastern Indian Ocean: The Role of the Indonesian Deepwater Pathway
	Poster	D Nuernberg	Long-term Environmental Evolution in the Sea of Okhotsk - Evidence From a Long IMAGES Core
	Poster	L Lembke	Centennial Climatic Changes in the Sea of Okhotsk During Holocene: Results from Pollen Analysis and Geochemical Proxy Records

Thursday, 14 November 2002

- 8:30-9:00 am General Session to discuss purpose of specialist group discussion and ideas for papers in monograph
- 9:00-10:30 am Specialist group meetings. Identify key recent discoveries and what needs to be done next.
- 10:30-11:00 am Coffee
- 11:00-12:30 Report to general meeting of specialist group results, especially concerning ocean-continent interactions.
- 2:00-4:00 pm Synthesis session. Discussion of plans for collaborative future work, including in IODP framework.
What data are we missing?