SE Asia Deep-Water – Jakarta, May 2001

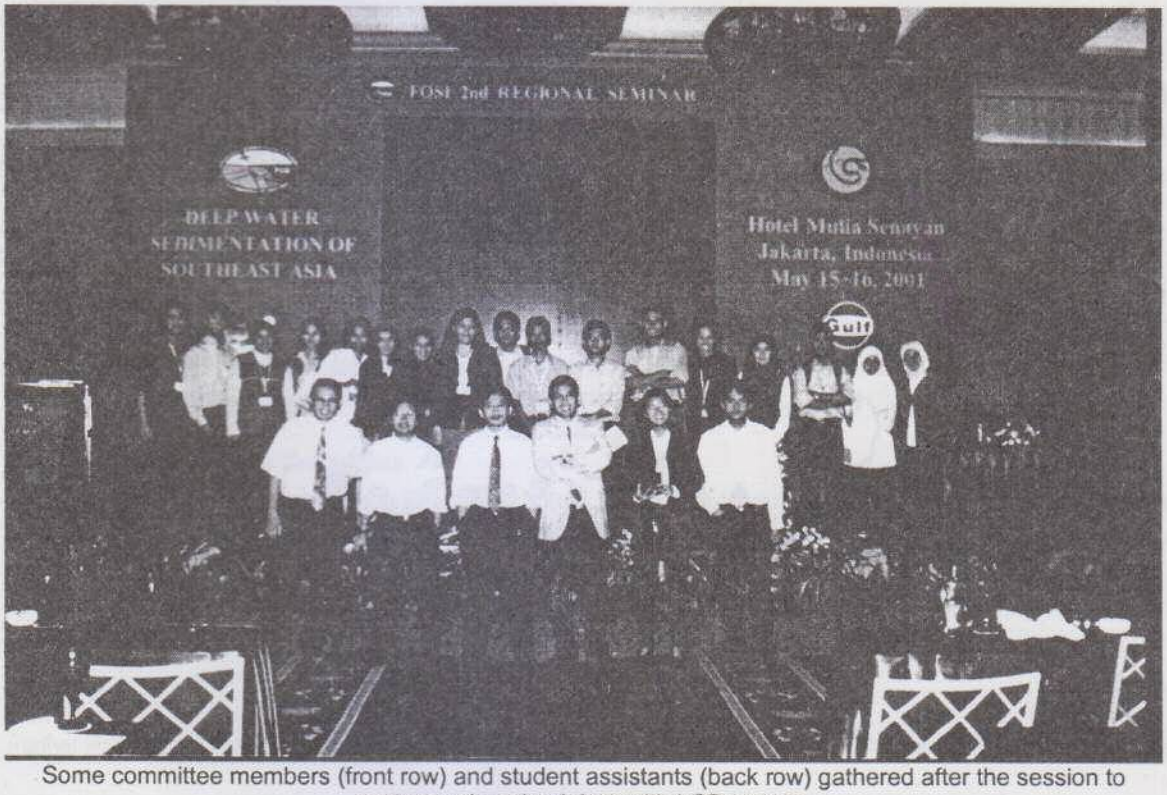
Seminar Report

The "Deep-water Sedimentation of Southeast Asia" seminar has been successfully held by FOSI (Indonesian Sedimentologists Forum) in Hotel Mulia, Jakarta on 14-16 May 2001. The objective of the seminar was to provide a better understanding of the deep-water depositional systems in relation to various types of reservoirs and various tectonic setting, especially the specific characteristics of the system within the region. Eventually the seminar served to generate ideas, discussions and exploration concepts within this attractive setting.

This specific seminar relied heavily on the oral and poster presentations that have been gathered from Brunei, Malaysia, Vietnam, Australia and of course Indonesia. A few conceptual papers from Europe and US and some analogs from well-known deep-water system such as Gulf of Mexico, Brazil, and New Zealand also strengthened the technical program. Those combinations made the seminar went well and FOSI received good response from worldwide geoscientists' attention, not only within the region.

A total of 180 participants attended the two-day technical program, mostly from Indonesia but the participation from Australasia region, US, and Europe can not be neglected. Most of the participants are from the industries (60%), research institutions (20%) and academics (20%). Seventeen oil and service companies have participated in financially sponsoring some of the events. The local press was also impressed with some aspects of the seminar.

A volume of extended abstracts has been put together in conjunction with this regional event and its CD-ROM version is available to be purchased. A brief note and some news coverage about this seminar were up-loaded in FOSI homepage (http://fosi.sphosting.com).



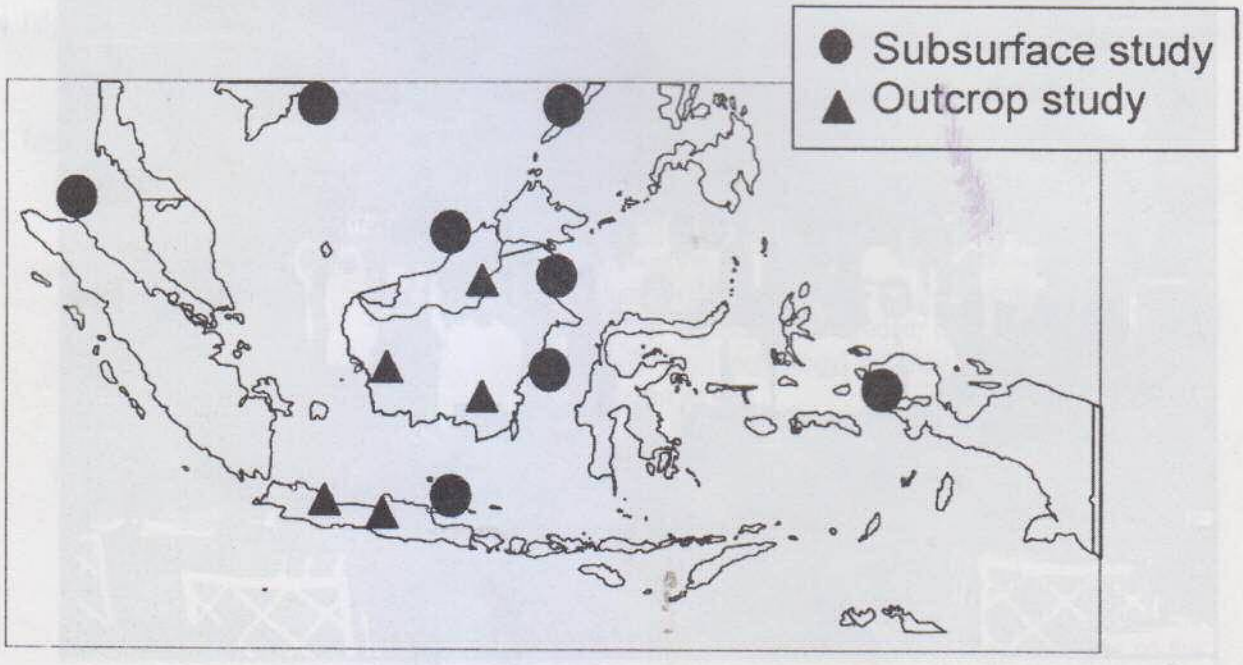
Some committee members (front row) and student assistants (back row) gathered after the session to capture unique backdrop with LCD screen.

The seminar was started with an opening session where opening speeches were presented by Hasan Sidi (convener) and the president of IAGI (Indonesian Association of Geologists), Andang Bachtiar. The following keynote session was begun by F.X. Soejanto (Pertamina) who gave an introductory speech on deep-water opportunity in Indonesia and its surrounding countries. Other speaker was Dr. Art Donovan (bp) who brought up the idea of physiographic controls on basin-floor fans. The other keynote speaker, Dr. Brad Prather (Shell), unfortunately could not present his talk of slope settings.

This two-day seminar was divided into seven technical sessions with 24 oral presentations, covering different aspects of deep-waters system from some general concepts, depositional system, petroleum system, outcrop studies, biostratigraphy, forward stratigraphic modeling, and analog from other basins. In addition, there were 10 excellent poster presentations, including two from students who were sponsored by IAS.

A pre-seminar course on geological architecture of fine-grained and coarse-grained turbidite system was held on the same venue on May 8-11, lead by Prof. Arnold Bouma (LSU), the past president of SEPM. About 19 participants from Indonesia and Malaysia got the chance to discuss in greater detail the flow mechanism of the fine-grained turbidite system which is likely to be a general model for most of the deep-water reservoirs in Southeast Asia. The field trip to East Kalimantan has to be rescheduled to June, 21 - 23, 2001 due to technical reasons. The trip has been designed to talk about deep-water sedimentology of the second most hydrocarbon-prolific basin in Indonesia, Kutai Basin, East Kalimantan. Examples of bathyal up to pro-delta turbidite systems were the subject for discussions that Andang Bachtiar (the president of IAGI) brought for 16 oil practitioners.

Last but not least, FOSI would like to thank the supporting organizations – IAS, SEPM, AAPG, and IPA - for providing moral support, publications, and some financial aid. Special thanks are also dedicated to companies here for their sponsorship, Western-Geco, Gulf Indonesia Resources Ltd, Conoco Indonesia Inc. Ltd, Amerada Hess, Lasmo, Unocal, Repsol YPF Southeast Sumatra, Pertamina, Veritas, TotalFinaElf, Kondur Petroleum, BG Indonesia, Exspan Nusantara, Santa Fe Energy Resources Ltd., Santos (Bentu No.2) Pty Ltd., and Premier Oil.



Geographical distribution of papers presented during the two-day seminar.