

Capacity Building Projects in CCOP in the O & G sector

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**Coordinating Committee for Geoscience
Programmes in East and Southeast Asia (CCOP)**

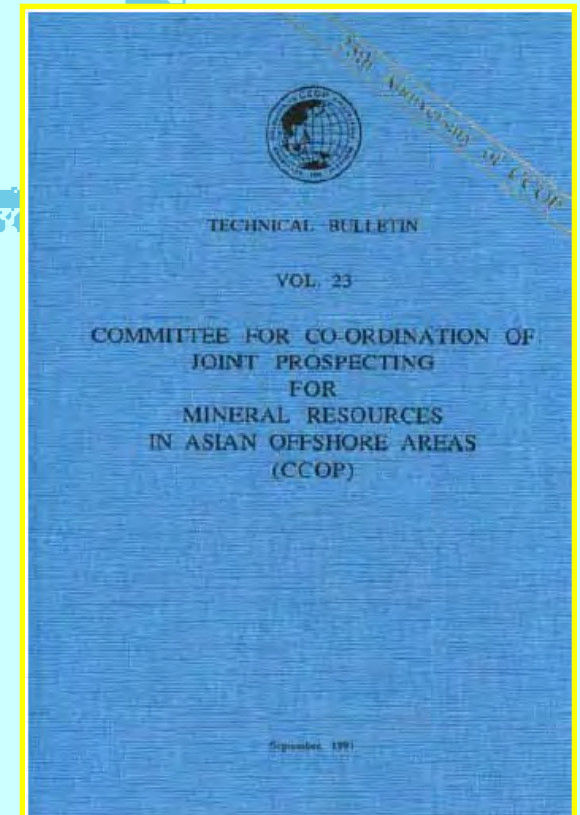
Past and Present Upstream Petroleum Activities in the CCOP

- ◆ **1989-91** - Working Group on Resource Assessment (WGRA)
- ◆ **1994-94** - Oil and Gas Resource Management (OGRM)
- ◆ **1996-2002** - Resource Evaluation and Planning (REP), Phase 1 & 2
- ◆ **2002-2006** – Petroleum Policy and Management (PPM)
- ◆ **PETRAD** series of seminars



WGRA

- Introduced resource assessment methods and concept
- Provided the FASPUM software (from USGS)
- Compiled regional data (Isopach maps), published in 1991 with an explanatory text (TB 23)



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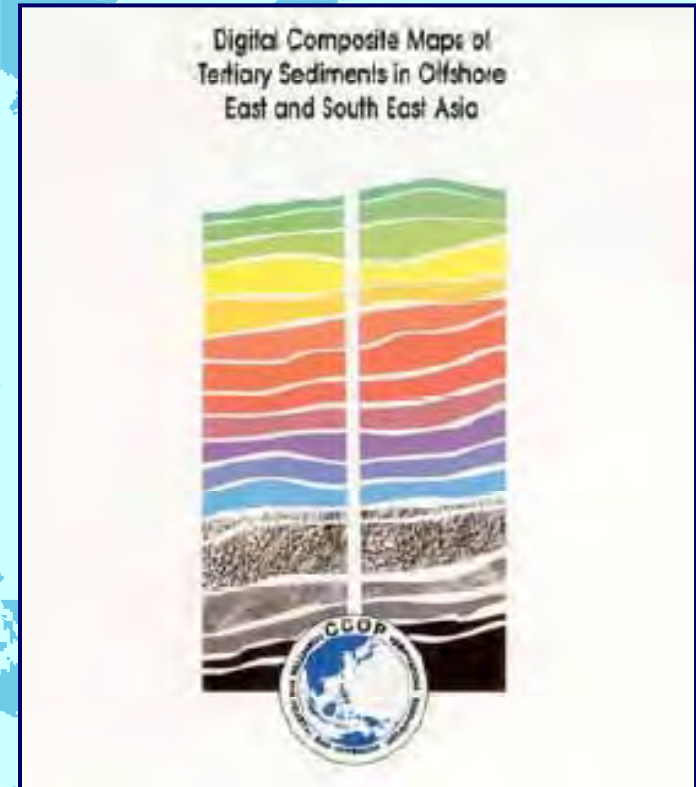
OGRM

- Introduced economic valuation of prospects and discoveries and QC/QA of data and evaluations
- Distributed the FASPUM, PRASS and GeoX/g Play software
- Participated in the EPF in Stavanger, June 1994 in conjunction with the 14th World Petroleum Congress



OGRM

- **Published the following:**
 - **Composite map of Tertiary sediments of East and SE Asia**
 - **Play atlas in CD-ROM**
 - **Explanatory notes of the map series**



REP 1

- Upgraded/refreshed the geological knowledge of geoscientists in Vietnam, Cambodia, the Philippines and PNG through training courses
- Introduced to the participants the basic principles and methodology of basin analysis
- Enhanced capacities of geoscientists up to level of knowledge for the implementation of the resource assessment



REP 2

- **To transferred the know-how and technologies for**
 - ☞ **economic resource estimation and management**
 - ☞ **effective data management and resource management system**
 - ☞ **attracting external enterprises in realizing commercial expectations and priorities**
 - ☞ **development of human resources to fill the gap between technical personnel and decision makers**



REP 1 & 2 Projects

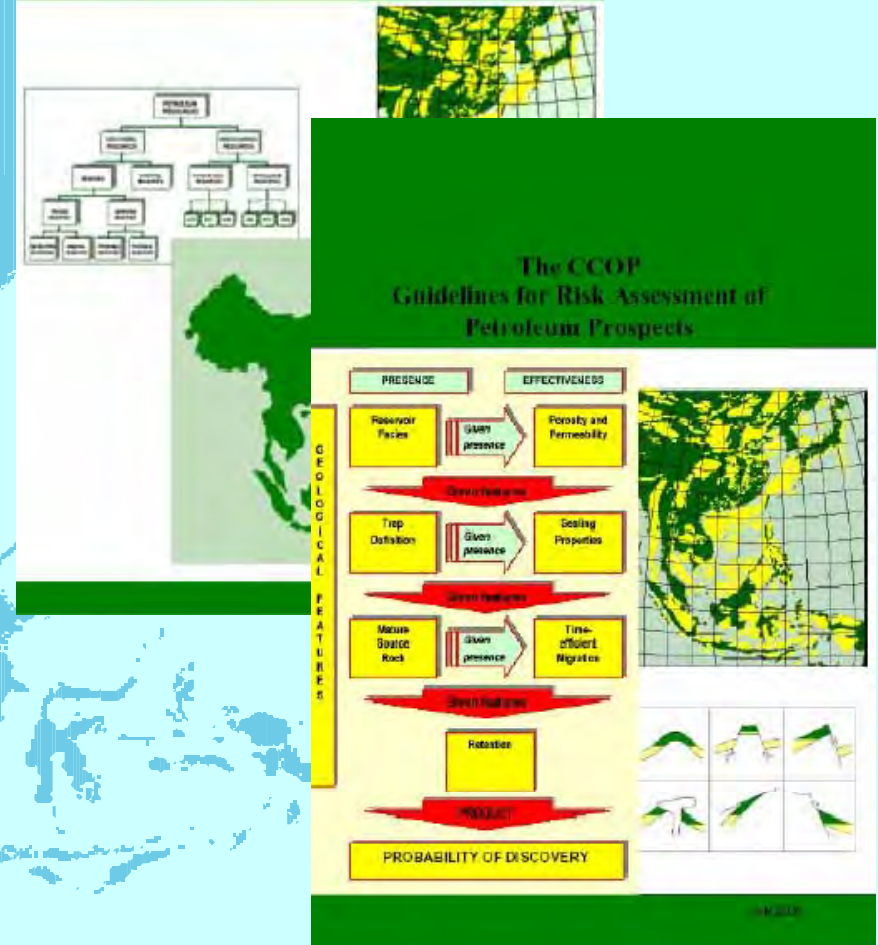
- Conducted a series of workshops and seminars dealing with resource management and using GeoX as the main software
- Formed a technical working group composed mostly of national coordinators for the REP projects
- Conducted tailor-made PETRAD courses



REP 2

– Published the following:

- The CCOP Petroleum Resource Classification System, March 1999
- The CCOP Guidelines for Risk Assessment of Petroleum Prospects, July 2000



REP 2



CCOP Exploration Promotion Forum



New!!!

CCOP-EPF2002 in ONS2002

15th International Conference, Exhibition & Festival
27-30 August 2002, Stavanger, Norway

Background | Coordinators Partners Announcement




Coordinating Committee for
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Cambodia | China | Indonesia | Japan | Korea | Malaysia | Papua New Guin | Philippines | Singapore | Thailand | Vietnam



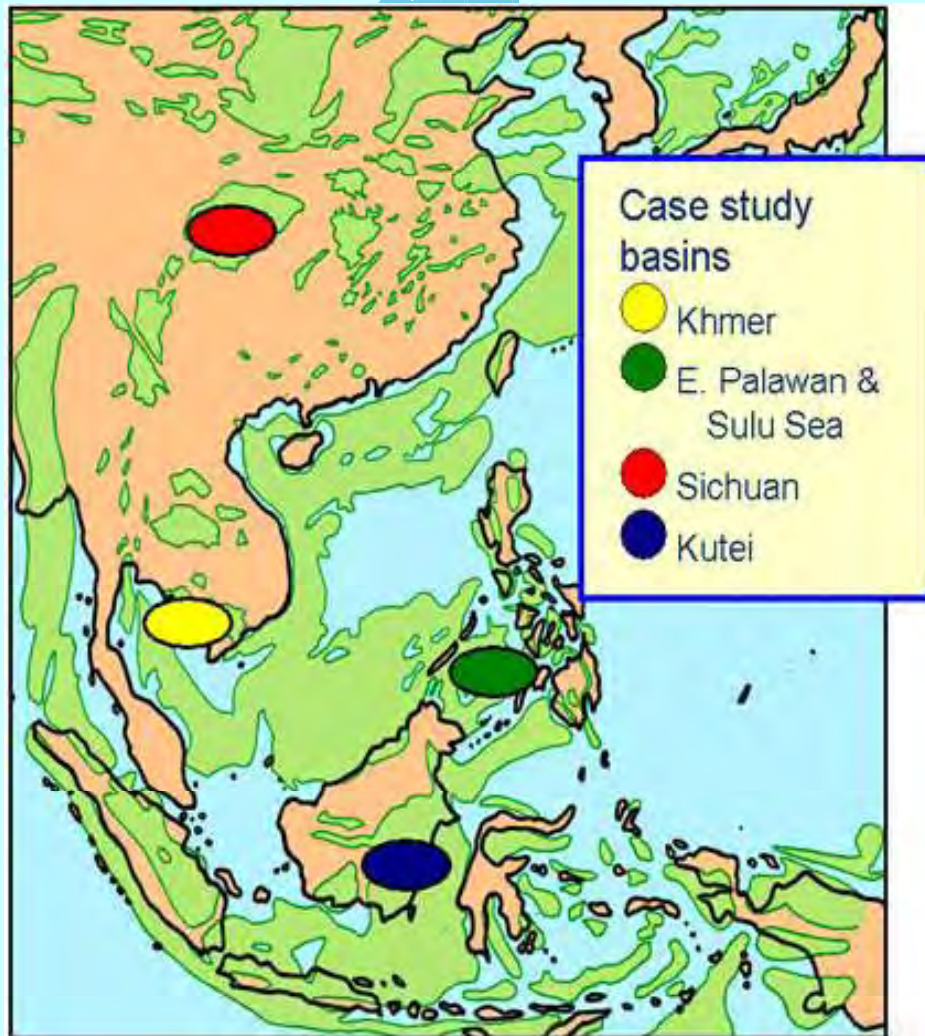
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PPM Project – supported by Norway

- ◆ Integrated the acquired knowledge and technology from the previous NORAD-sponsored projects in the CCOP into hands-on experience
 - 4 Case Studies using national data 
 - Workshops, Training Courses and Seminars
 - Software and technology



PPM: accomplishments



- 4 Case Studies
- 19 Workshops
- 19 expert visits
- 9 seminars
- IT maintenance
- IT equipment and training for Cambodia
- Planning and annual report meetings
- PPM website
- 6 Post-PPM Bridging Activities



PROJECT IMPACT: from the Report of the National Coordinators

- Improved understanding of the petroleum potential and policies of the CCOP Member Countries, especially the case study countries
- Knowledge learned are disseminated through reporting and conduct of seminars in the participant's respective organization
- Adoption of some concepts learned in basin assessment and exploration promotions.
- Easier facilitation of new projects in the CCOP TS



PROJECT IMPACT: from the Report of the National Coordinators

- The Project provided a good forum of building closer relationship and cooperation.
- PPM is easily implemented based on the already established network. This network also functions outside the project.



PROJECT IMPACT



On-the-Job Training of PNG and Cambodia technical staff on petroleum resource assessment at the DOE, Philippines



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PROJECT IMPACT

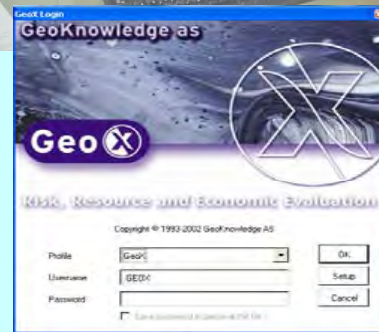
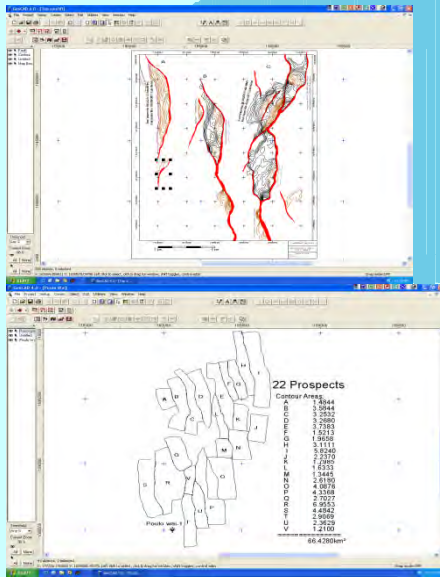


Dissemination of information and knowledge learned from PPM activities – KIGAM (Korea)



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PROJECT IMPACT



IMPROVEMENT OF CAPACITIES - the CNPA (Cambodia) Staff can now and on their own make an assessment of their oil and gas resources



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PROJECT IMPACT



BUILDING CLOSER COOPERATION – with one Member Country helping another Member Country of CCOP through use of experts from Member Countries, complimenting the experts from Norway & other Cooperating Countries



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Lessons Learned

- ◆ **Case Study** – is a good facility for capacity building but is easily affected by external factors outside the control of Project management, among others
 - Use of national data
 - Availability of appropriate personnel to continuously participate in the study
 - Continuous support of the management
 - Cooperation of participating agencies within the Country
 - Reorganization within the participating agency



Lessons Learned

- ◆ **Workshops** supporting the case studies provided a good forum to learn from experiences from the resource persons and especially from the practices of the Member Countries
- ◆ **Expert visits** not only accomplished learning from the experts but also enhanced the cooperation of Member Countries, in a way facilitated - **one Member Country helping another Member Country**



Lessons Learned

◆ PPM Website

- a good facility for storage of information, reporting, and communication
- Has been upgraded for more user friendly interface for users to access presentations, studies, and general info
- More interactive with a discussion forum capability
- Create a meaningful search facility on the site so that users can get relevant documents from the online library





Early Working Groups...their vision & passion for technical knowledge and also for creating a CCOP family



Coordinating Committee for Co-operation
Programmes in East and Southeast Asia (CCOP)



The early 90's



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The mid 90's



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The working group in Manila (1996)



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Resource assessment exercise, Chengdu, China 1997



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Petroleum economy & modeling, Cheju, Korea, (1997)



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Knowledge sharing to build capacities, REP1



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Thank you!....谢谢! 有難うございました! Terima
Kasih!

Salamat Po! ขอบคุณ! Cám ơn!....

