

Producción Científica del Instituto de Geofísica en 2003

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HIDRATOS DE METANO: La Fuente de Gas Natural más Importante del Futuro

OBJETIVOS

CONOCER EL ESTADO ACTUAL Y LAS PERSPECTIVAS MUNDIALES EN LA EXPLORACIÓN Y EXPLOTACIÓN DE GAS NATURAL A PARTIR DE DEPÓSITOS DE HIDRATOS DE METANO.

OBTENER INFORMACIÓN PARA DEFINIR EL PAPEL DE LOS HIDRATOS DE METANO EN LA PRODUCCIÓN FUTURA DE GAS NATURAL EN MÉXICO.



EXPOSITORES:

Arthur Johnson, Anil Jain, Bernie Bernard, Brenda Pierce, Esteban Morales, Roger Sassen, Stephen Holditch y Timothy Collet

SEDE, FECHA Y HORARIO:

Auditorio Tlayotl, Edificio Anexo del Instituto de Geofísica, Circuito Exterior.
28 y 29 de Junio de 2004 de 8:00 a 17:00 hrs.

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CUPO LIMITADO

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Fecha límite de inscripción: 18 de junio del 2004

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INVITAN



SECRETARIA DE ENERGÍA Y PETRÓLEOS MEXICANOS
 UNIVERSIDAD NACIONAL AUTÓNOMA DE MÉXICO E INSTITUTO MEXICANO DEL PETRÓLEO
 ASOCIACIÓN MEXICANA DE GEOFÍSICOS DE EXPLORACIÓN Y COLEGIO DE INGENIEROS GEOFÍSICOS DE MÉXICO
 METHANE HYDRATES FIRST FORUM IN MEXICO

Schedule	Session	Lecturer	Position	Title Presentation
28- June Morning				
08:30 - 09:00 Registration				
09:00 - 09:15	Opening Ceremony	Dr. Héctor Moreira Rodríguez	Undersecretary of Hydrocarbons, Ministry of Energy	
09:15 - 09:30	Introduction	Dr. Rafael Alexandri	General Director of Hydrocarbons Exploration and Exploitation, Ministry of Energy	
09:30 - 10:20	Session #1 Leaders perspective	Dr. Arthur Johnson	President of Hydrate Energy International	Exploration and Production of Gas Hydrates
10:20 - 11:05	Discussion			
11:05 - 11:55	Session #2 Leaders perspective	Dr. Timothy Collet	U.S. Geological Survey	Geologic controls on the Energy Resource Potential of Gas Hydrates
11:55 - 12:40	Discussion			
28- June Afternoon				
14:40 - 15:30	Sesión #3 Leaders perspective	Dr. Roger Sassen	Deputy Director, Resource Geochemistry Geochemical & Environmental Research Group, Texas A & M University	Economic Geology of Gas Hydrate
15:30 - 16:15	Discussion			
16:15 - 17:05	Sesión #4 Leaders perspective	Dra. Brenda Pierce	Energy Resources Program Coordinator	Gas Hydrate Resource Assessments and Production Characteristics
17:05 - 17:50	Discussion			
29- June Morning				
09:00 - 09:50	Session #5 Technology	Dr. Bernie Bernard	TDI Brooks	Gas Hydrates Discoveries and Intertitial Gas Associated with Gulf of Mexico & Worldwide Surface Geochemical Exploration Piston Coring Studies
09:50 - 10:35	Discussion			
10:35 - 11:25	Session #6 Technology	Dr. Stephen Holditch	Head of the Harold Vance Department of Petroleum Engineering, Texas A&M University	Gas Hydrates in the Deep Water Gulf of Mexico- A Status Report of the Chevron Texaco JIP- DOE Research
11:25 - 12:15	Discussion			
29- June Afternoon				
14:15 - 15:05	Session #7 Follower perspective	Dr. Anil Jain	India Ministry of Petroleum and Natural Gas	Challenging Task of Gas Hydrate Exploration: Indian Scenario
15:05 - 15:50	Discussion			
15:50 - 16:30	Session #8 Follower perspective	Dr. Esteban Morales	Director of FONDEF Project, Catholic University of Valparaiso, Chile	Submarine Gas Hydrates: Chilean Research Experience
16:30 - 17:15	Discussion			
17:15 - 18:30	General Panel Session	All speakers		
18:30 - 18:45	Conclusion	Eng. Adán Oviedo	Subdirector of Technical Coordination of Exploration, Pemex E&P	

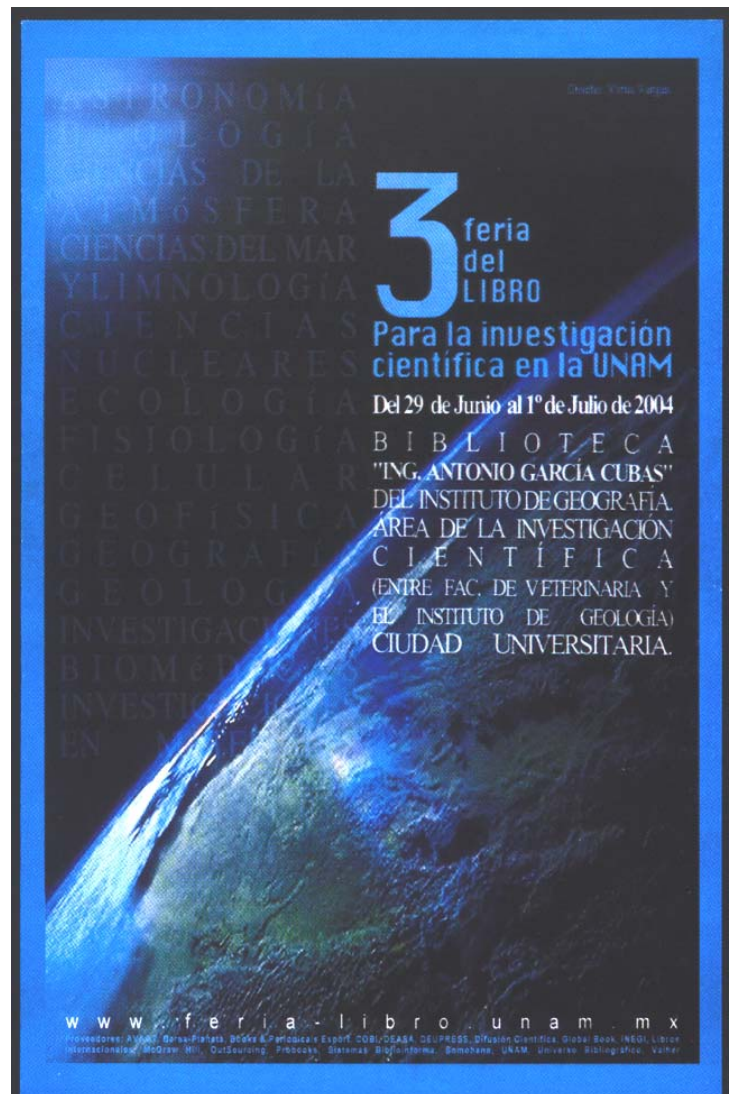
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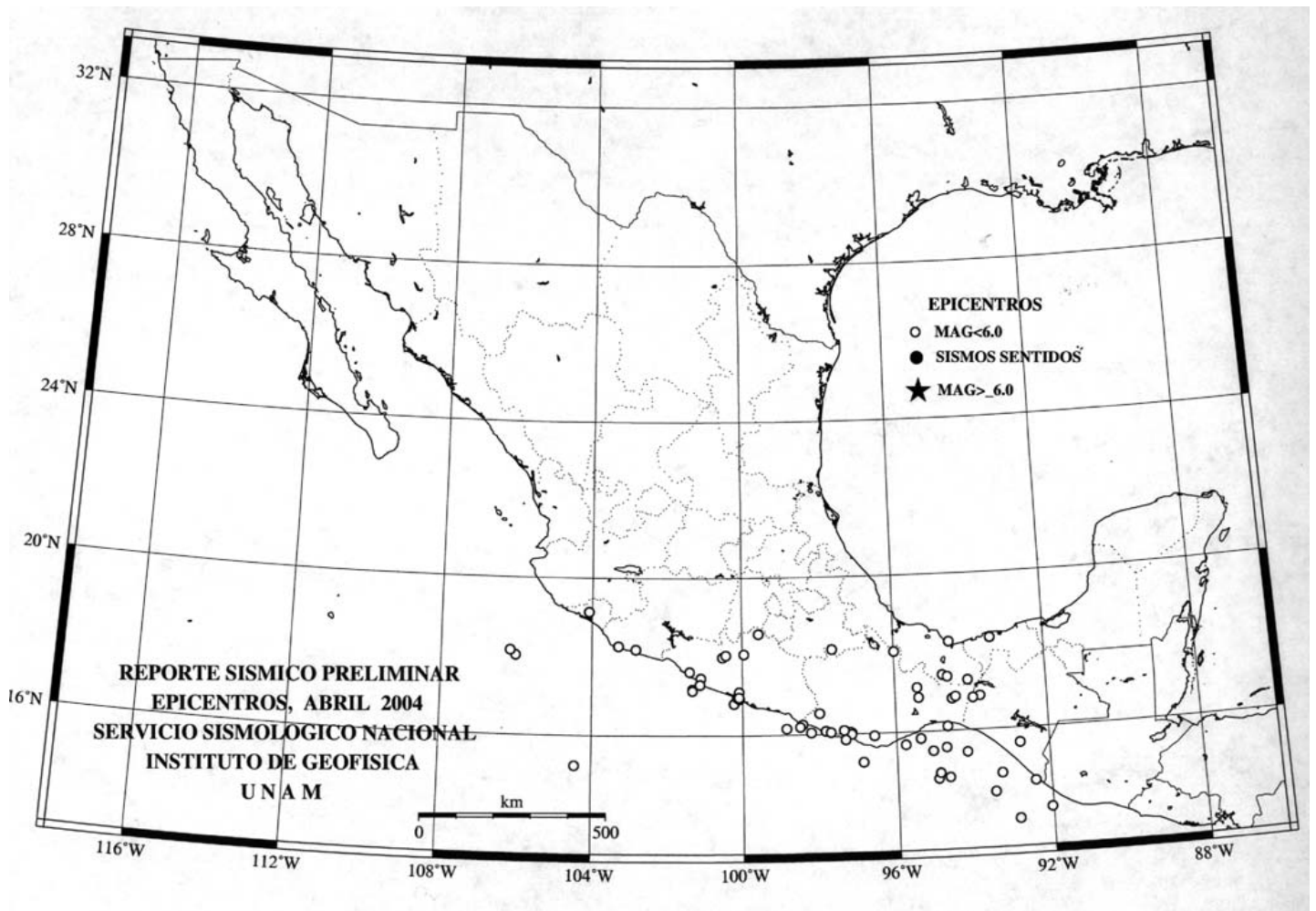
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Sismicidad del mes de abril de 2004

En el mes de abril, el Servicio Sismológico Nacional reportó 62 sismos ocurridos en el territorio nacional con magnitudes entre 3.4 y 5.4. Los sismos se distribuyen a lo largo de la costa sur de México, entre Colima y Chiapas. Se contabilizaron 23 temblores con profundidades entre 40 y 180 km de profundidad, los cuales ocurren dentro de la placa oceánica de Cocos luego de su subducción bajo el continente. Uno de estos temblores ocurrió en el Istmo de Tehuantepec y fue sentido en un área considerable alrededor del epicentro. El sismo se reportó con una magnitud de 5.4 y a una profundidad de 145 km. Su mecanismo es de fallamiento normal ($\phi=315^\circ$, $\delta=56^\circ$, $\lambda=-129^\circ$) con orientación Norte-Sur. El resto de la sismicidad es superficial y con magnitudes reportadas menores de 4.8. La mayoría de los sismos se concentran en las costas de Oaxaca y el Istmo de Tehuantepec.

Javier Pacheco Alvarado



Elaboración: Casiano Jiménez Cruz

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*La ciencia se puede
aprender de memoria, pero
la sabiduría no.*

Sterne, Lawrence

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Producción Científica del IGEF 2003

Foro / Hidratos de Metano > 5

Reporte del S. S. N. > 9

Directorio > 10