



APPLICATION FORM

**AUSTRAL SUMMER INSTITUTE VII (ASI-VII)
METHANE BIOGEOCHEMISTRY AND GEOPHYSICS & REMOTE SENSING AND OCEAN-LAND
INTERACTION
January 2 – January 26, 2007**

Universidad de Concepción (UDEC) – Woods Hole Oceanographic Institution (WHOI) – Fundación Andes (FA) Cooperative Program – UNESCO IOC Chair in Oceanography

1. **Name:** _____
Last first middle

2. **Address for Reply** _____

Phone Number: _____ **Fax Number** _____
E-mail: _____

3. **Are you a Chilean citizen?** _____ YES _____ NO

4. **Record of Education**

Undergraduate School: _____
Name of School

Numbers of years completed: _____

Field: _____

Name of Degree: _____

Dates Attended: From: _____ To: _____

Date Degree Granted/Expected: _____

Graduate School (if applicable): _____
Name of School

Numbers of years completed: _____ Field: _____

Name of Degree: _____

Dates Attended: From: _____ To: _____

Date Degree Granted/Expected: _____

Post-Doctoral, Faculty, Professional Information (if applicable):

Name of School / Institution / Company

Position Held: _____

Number of Years in that Position: _____

5. **Certifications and Diplomas:** _____

6. **Honors and Awards:** _____

7. Please mark all applicable boxes:

METHANE BIOGEOCHEMISTRY AND GEOPHYSICS

Biomarkers, carbon cycle & microbial ecology (January 2 – January 5)

Microbial ecology of methane turnover
Carbon cycle and climate change
Biomarkers in methane biogeochemistry

Methane hydrates (January 8 – January 12)

Methane hydrates and climate change: Evaluating the clathrate gun hypothesis
Methane hydrate in marine sediments - formation, detection and relevance

Sediment diagenesis & biology (January 15 – January 19)

Diagenesis and pore water chemistry
Biology and ecology of methane seeps

Methane turnover & seeps (January 22 – January 26)

Mineral and energy: resources of the ocean bottom: Comparison with ancient cases
Natural oil and gas seeps in the ocean- potential effects on chemistry, biology, and geology of the ocean and atmosphere

REMOTE SENSING AND OCEAN-LAND INTERACTION
Rivers: Connecting land and the ocean (January 3 – January 12)

Rivers: Connecting land and the ocean. Processes and problems

Remote sensing & bio optics (January 16 – January 26)

Use of remote sensing and bio-optics for coastal water quality monitoring

In case you apply to more than one course, please indicate priorities.

Financial Support (in US\$)

Expenses	US\$	Available by Student	Requested from UDEC
Tuition			
Transportation			
Food & Lodging			
TOTAL			

Please enclose a current copy of your *curriculum vitae* (summarized to 2 pages) with educational and work histories, and a brief (one page) letter of intent indicating the scientific interests of the applicant and how s/he hopes to benefit from participating in this activity.

“I declare that the information presented above is true and correct to the best of my knowledge and I understand that any misinformation, voluntary or otherwise, can be grounds for the rejection of my application. Furthermore, I authorize the University with which I am affiliated/my place of employment to release information on my status as a student/academic/professional.”

Date: _____ **Applicant’s Signature:** _____