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$)

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<th>Expenses</th>
<th>US$</th>
<th>Available by Student</th>
<th>Requested from UDEC</th>
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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: ________________________