



**CONTRIBUTED SESSION:
THE INTERDISCIPLINARY GLOBAL COASTAL
OCEAN**

Co-Chairs: Ken Brink (USA) and Allan Robinson (USA)

THURSDAY, JUNE 9

- 2.00-2.10 **INTRODUCTION**
Patricio Bernal, Executive Secretary, IOC
- 2.10-2.35 **THE GLOBAL COASTAL OCEAN: INTERDISCIPLINARY MULTISCALE
PROCESSES, REGIONAL DYNAMICS AND SYNTHESSES**
Allan R. Robinson, and Kenneth H. Brink
- 2.35-3.00 **CONTINENTAL SHELVES AS A MAJOR SINK FOR ATMOSPHERIC CO₂**,
Hugh Ducklow and Leigh McCallister
- 3.00-3.25 **DYNAMICS OF SEAFLOOR BIOGEOCHEMISTRY IN COASTAL
SYSTEMS: THE NEED FOR ADVANCED OBSERVING TECHNIQUES**
Richard A. Jahnke
- 3.25-3.50 **AN OVERVIEW OF INTERDISCIPLINARY COASTAL OCEAN SCIENCE
OF WESTERN BOUNDARY CURRENT SHELVES**
Steven E. Lohrenz and Belmiro M. Castro
- 3.50-4.15 **LATITUDINAL DIFFERENCES IN OCEAN BOUNDARIES ALONG THE
EASTERN PACIFIC AND ATLANTIC**
David L. Mackas, Ted P. Strub, Andrew Thomas, and Vivian Montecino
- 4.15-4.30 **BLACK SEA NOWCASTING/HINDCASTING SYSTEM AS A NEW TOOL
FOR STUDYING OF MARINE DYNAMICS**
Gennady K. Korotaev