



**CONTRIBUTED SESSION:
IMPACT OF BUOYANT PLUMES ON
COASTAL ECOSYSTEMS**

Co-Chairs: Scott Glenn (USA) and Mark Moline (USA)

WEDNESDAY, JUNE 8

- 2.00-2.25 **FUNCTIONING OF COASTAL PELAGIC ECOSYSTEMS IN FRENCH
GUIANA: INFLUENCE OF REMOTE (AMAZON PLUME) AND LOCAL
FACTORS**
J.F. Ternon, M. Bakouti, D. Guiral, L.F. Artigas, I. do Rosario Marinho, and B. Beker
- 2.25-2.50 **NUMERICAL MODELLING OF CIRCULATION ON THE NORTH BRAZIL
SHELF**
Oumarou Nikiema, Jean-Luc Devenon, and Malika Baklouti
- 2.50-3.15 **OBSERVED RESPONSE OF THE HUDSON RIVER PLUME TO WIND
FORCING**
J. Kohut, S. Glenn, O. Schofield, and R. Chant
- 3.15-3.40 **PHYTOPLANKTON, ZOOPLANKTON AND METALS IN A BUOYANT
RIVER PLUME**
T.K. Frazer, M.A. Moline, O. Schofield, J.R. Reinfelder, S.M. Glenn, R.J. Chant,
R.W. Houghton, R.F. Chen, M. Zhou, W.P. Bissett, and J.L. Wilkin
- 3.40-4.05 **DEVELOPMENT OF A REGIONAL ALGORITHM FOR THE
DETERMINATION OF RIVERINE DISSOLVED ORGANIC MATTER IN
THE MISSISSIPPI RIVER PLUME FROM *IN SITU* MEASUREMENTS**
Vanessa Wright and Carlos E. Del Castillo
- 4.05-4.30 **APPLICATION OF SEAWIFS SEA COLOR AND AVHRR-DERIVED SST
DATA FOR MESOSCALE AND REGIONAL VALIDATION OF A 3D HIGH
RESOLUTION BIOLOGICAL-PHYSICAL COUPLED MODEL OF THE
GULF OF ST. LAWRENCE (CANADA): THE CHALLENGE OF INLAND
WATERS**
Vincent Le Fouest, Bruno Zakardjian, François Saucier, and Servet A. Çizmeli