



**POSTER SESSION:  
BIOGEOCHEMICAL CYCLES OF TRACE  
ELEMENTS AND IMPLICATIONS FOR MARINE  
ECOSYSTEMS**

**WEDNESDAY, JUNE 8**

**SEASONAL VARIATION OF PHYTOPLANKTON AND DISSOLVED ORGANIC CARBON (DOC) IN THE COASTAL REGION OF THE GULF OF OMAN**

Adnan Al-Azri, Saiyed Ahmed, Khalid. Al-Hashmi, Saud Al-Jufaily, Harub Al-Habsi, Salim Al-Khusaibi

**ATMOSPHERIC VERSUS FLUVIAL NUTRIENT INPUTS TO COASTAL ECOSYSTEMS**

C. Boulart, P. Flament, V. Gentilhomme, K. Deboudt, C. Migon, and A. Lefebvre

**STRONG ISOTOPIC BIOFRACTIONATION OF IRON IN ANTARCTIC SEA-ICE**

Jeroen de Jong, Delphine Lannuzel, Véronique Schoemann, Jean-Louis Tison, and Lei Chou

**DOES NEW BOTTOM WATER FLOW INTO THE JAPAN BASIN? – USING DISSOLVED RARE EARTH ELEMENTS AS TRACERS**

M. Hatta AND J.Zhang

**ROLE OF ZOOPLANKTON IN THE BIOGEOCHEMISTRY OF PO-210 AND PB-210 IN THE OLIGOTROPHIC SOUTH-WEST PACIFIC**

Ross A. Jeffree, Ron Szymczak, Gillian Peck and Scott W. Fowler

**PHYTOPLANKTON IRON LIMITATION IN THE SOUTHERN CALIFORNIA CURRENT SYSTEM: THE ROLE OF IRON IN A NON-HNLC REGIME**

Andrew L. King, and Kathy Barbeau

**DISTRIBUTION OF IRON IN THE ANTARCTIC SEA ICE ENVIRONMENT**

Delphine Lannuzel, Jeroen de Jong, Véronique Schoemann, Jean-Louis Tison, Anne Trevena, and Lei Chou

**VERTICAL EVOLUTION OF THORIUM ISOTOPE SCAVENGING IN THE NE ATLANTIC OCEAN (POMME EXPERIMENT)**

Matthieu Roy-Barman, Catherine Jeandel, Marc Souhaut, Michiel Rutgers van der Loeff, Ingrid Voege, Nathalie Leblond, and Rémi Freydier

**COMPETITION BETWEEN O<sub>2</sub> AND H<sub>2</sub>O<sub>2</sub> IN THE OXIDATION OF Fe(II) IN SEAWATER**

J. Magdalena Santana-Casiano, Melchor González-Davila, and Frank J. Millero

**BIOGEOCHEMICAL CYCLE OF MICROELEMENTS IN SEA WATER OF BOKA KOTOR BAY (SOUTHERN ADRIATIC)**

Slavka Stankovic, Jelena Markovic, Zoran Kljajic, Sreten Mandic, and Sandro Degetto

**PROFILES OF PARTICULATE BARIUM IN THE MEDITERRANEAN SEA COUPLED TO RADIUM AND STRONTIUM MEASUREMENTS**

E. Sternberg, C. Jeandel, E. Robin, J.-L. Reyss, and P. Van Beek

**DETERMINATION OF PICOMOLAR IRON IN SEAWATER BY MAGNESIUM CO-PRECIPIATION ISOTOPE DILUTION ICPMS**

Jingfeng Wu

**CADMIUM PARTITIONING BETWEEN CALCIUM CARBONATE MINERALS AND SEAWATER SOLUTIONS: IMPLICATIONS FOR PALEOCEANOGRAPHY**

Shaojun Zhong and Chenli Qu