



Universidad
de Concepción



INTERNATIONAL SYMPOSIUM ON FORAMINIFERA
University of Concepcion, Chile
19-24 January 2014

SESSION N° 8

SESSION TITLE	CONVENORS
Advances in Environmental Micropaleontology	<ul style="list-style-type: none">• Michael Martínez-Colón, University of South Florida, United States• Pamela Hallock-Muller, University of South Florida, United States
<p>SUMMARY</p> <p>The goal of this session will be to address and showcase the application of Foraminifera as bioindicators of Potentially Toxic Chemicals (heavy metals, oil, pesticides, etc.) and other environmental stressors (pH, dissolved oxygen, salinity, etc.). Special interest is given to those papers that address laboratory and field experiments involving foraminiferal population dynamics, successions and recolonization patterns as well as culture work (microcosm and mesocosm) related to calcification, ultrastructural, and cytological studies on individual species. The session will promote the exchange of ideas and methodologies that can differentiate between the use and application of bulk and bioavailability concentrations of heavy metals.</p>	