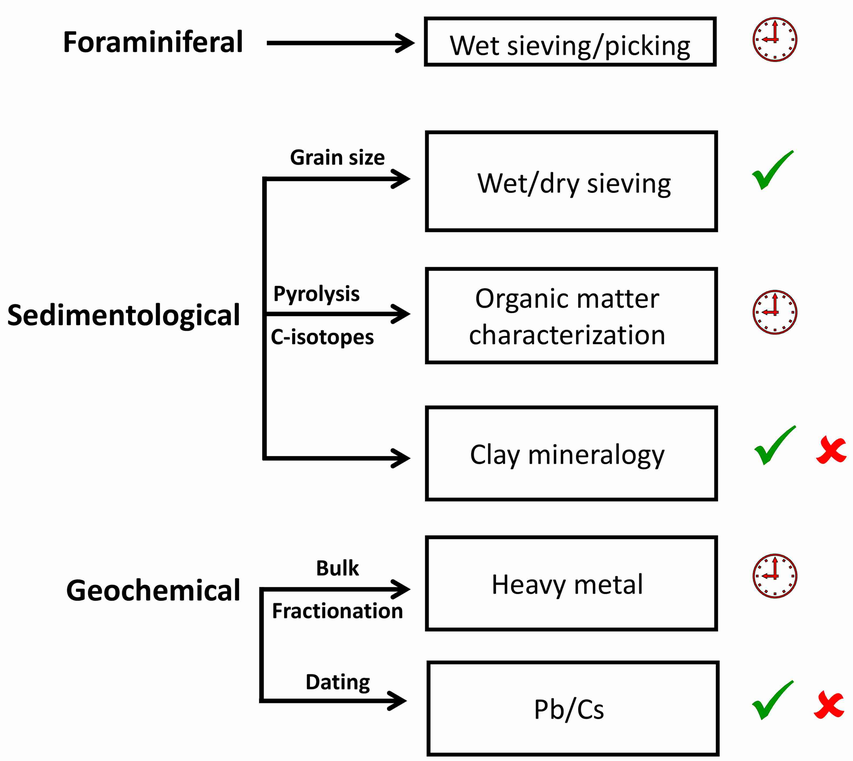
Proposed study to understand the pollution historical changes and application Of meiofauna bioindicators in Banana River Lagoon (IRL)

Michael Martínez-Colón[1], Fajemila Olugbenga[2,3], and María A. Alves-Martins[4,5]
[1]School of the Environment, Florida A&M Univ., Tallahassee, FL
[2]Department of Geological Sciences, Osun State Univ., Osogbo, Nigeria
[3] Department of Geosciences, Univ. of Fribourg, Fribourg, Switzerland
[4]Faculdade de Geologia, Uni. do Estado do Rio de Janeiro, Rio de Janeiro, Brazil
[5]Departamento de Geociências, Univ. de Aveiro, Aveiro, Portugal

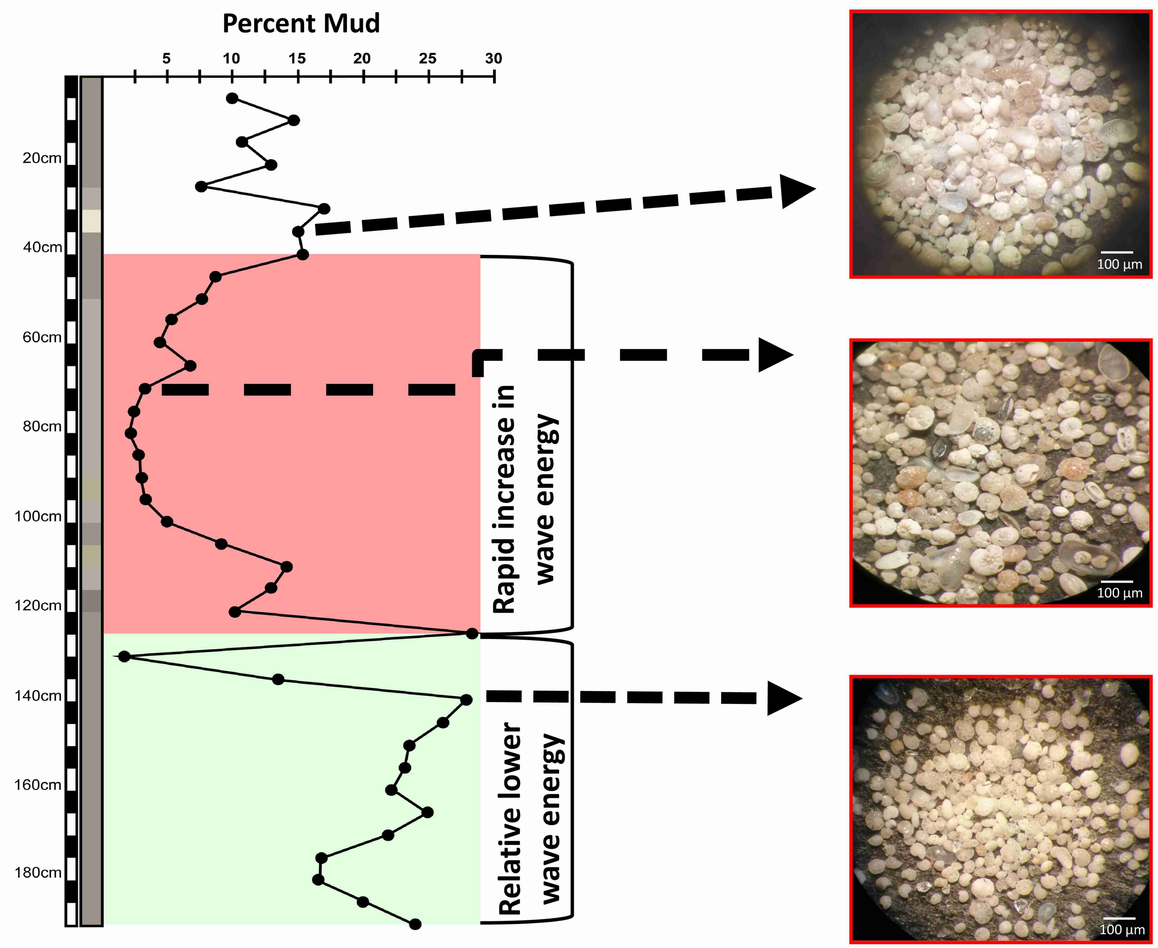
INTRODUCTION

- In the Banana River Lagoon, a two meter core is being studied to determine the reference conditions (pre-impact and pre-management) by understanding the temporal variability of pollutants (heavy metals) and the use of benthic foraminifera (meiofauna) to assess the historical changes in environmental health.
- The scope of this recent ongoing collaborative project is to describe, understand, and compare the effects of historical changes of sediment quality conditions with the implementation of the Foram-AMBI (ƒAMBI), Foram Stress Index (FSI) and the Ammonia-Elphidim Index (AEI) for environmental health assessment.

PROPOSED METHODS



PRELIMINARY RESULTS



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