

Kick-off meeting CSRG SEPM Meeting

Date: February 14, 2024
Place: Online
Number of attendees: ~ 65
Number of registration: 126
Invited speakers: 3



Dr. Amaia Ruiz de Alegría-Arzaburu | Universidad Autónoma de Baja California, Mexico

Sedimentary connectivity between the beach and the lower shoreface

Amaia presented her research on two modern shorelines along the Pacific coast of Baja California, Mexico. Her research focuses on monitoring coastal dynamics using field-based approaches, including UAVs survey for modeling, which allows to calculate the sediment budget at the coastline in perspective of a storm event, for example.

Dr. Manuel Isla | Universidad Nacional de la Plata, Argentina

How far can we get with the high-resolution analysis? The case of the Pulmatué Member

Manuel presented his research based on Cretaceous strata from the Neuquén Basin, Argentina. His research focused on the interpretation of parasequences and intra-parasequence architecture dominated by wave processes, combined with modern shoreline analysis to refine theoretical models.

Dr. Elizabeth Steel | Queen's University, Canada

Physical experiments of coastal depositional systems

Elizabeth presented her work and future perspectives using an analog experimental setup. Through her presentation, she showed how she built her flume to reproduce deltaic dynamics and sub-aqueous, gravity- and density-flows.

Summary

The kick-off session lasted ~1h45 and the talks covered modern and ancient case studies as well as experimental work, all focused on coastal and shelf environments. We originally thought about ~20 minutes of talks followed by 10 minutes of questions, but it turned out to be more like ~25-30 minutes per speaker with ~2 minutes of questions after the talks. We didn't extend the Q&A time because of everyone's schedules, and we tried to stick to the announced time. Otherwise, the meeting went very well and we received many positive and supportive comments for such an initiative. One person commented on the lack of time for discussion. After the meeting, our discussion concluded that our next meetings will be more about the discussion than the presentation itself. Probably something like 15 minutes of presentation followed by 20 minutes of questions.