

IHO-ROK Cat. A Alumni Workshop

Adrian Montufar Arroyo



- ❖ Mexican Navy Officer
- ❖ Director of the Oceanographic Institute of the Pacific
- ❖ Background and experience in hydrography (R/V, survey teams, Mexican Hydrographic Office)
- ❖ Education
- ❖ Teaching experience
- ❖ Interest and hobbies
- ❖ Volunteering

Experience during CAT A programme

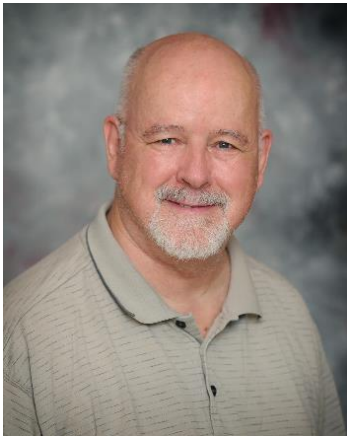
2019 – 2020

- Extensive fieldwork experience



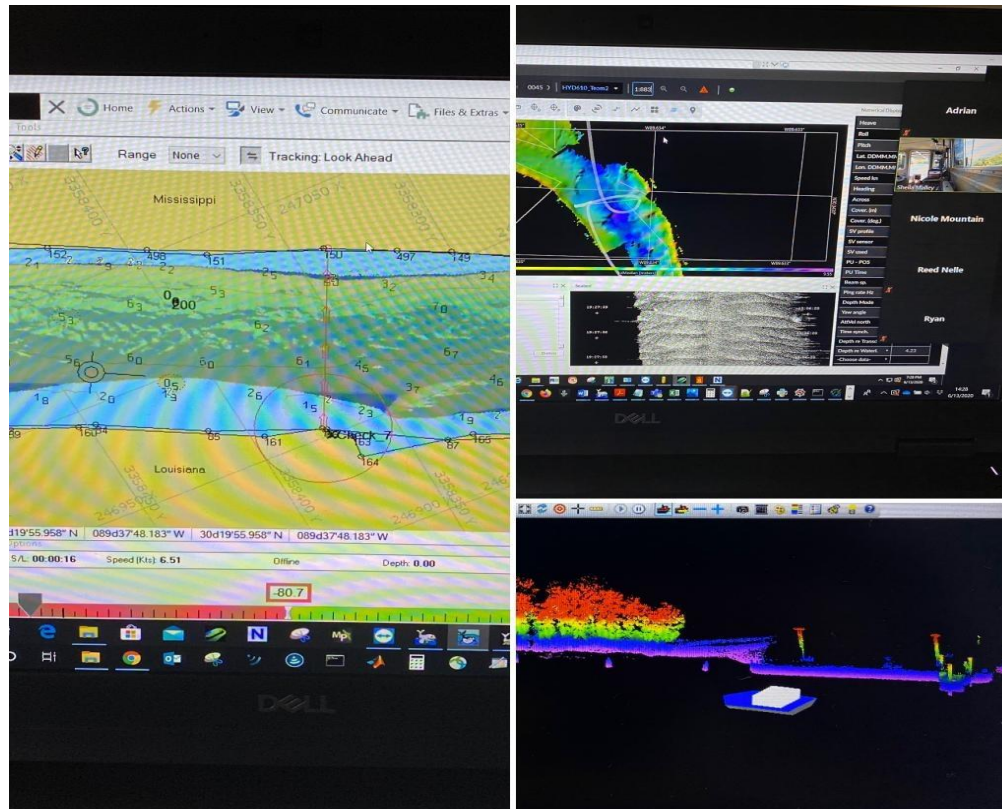
Experience during CAT A programme

- Excellent USM Staff



Experience during CAT A programme

- Challenges due to COVID-19



Summer Survey Remotely

Lessons learned



Importance of teamwork



Attention to details



Precise data collection

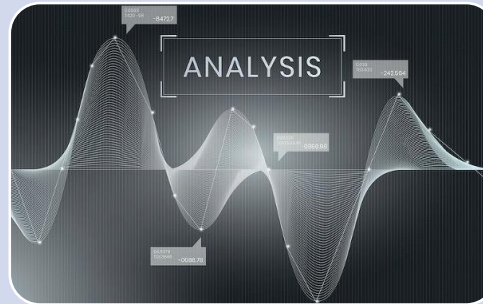


Complexities and challenges of mapping

Lessons learned



Conducting fieldwork can be challenging, and it's important to keep going, overcoming obstacles, and adapting to changing conditions.



Hydrographic surveying requires extreme precision and accuracy in gathering and analyzing data.

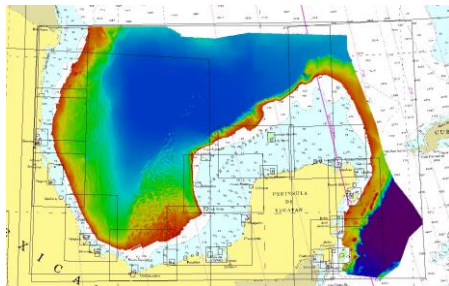
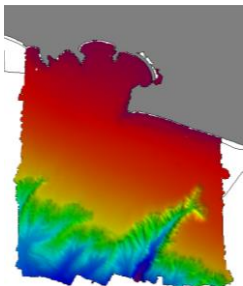
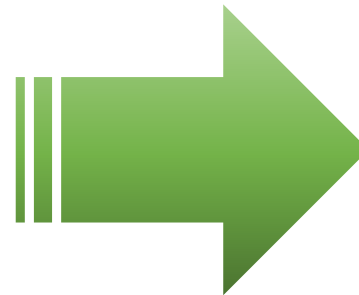


Hydrographic science requires teamwork and communication among experts from different fields.

Contributions to hydrographic field



The knowledge and skills gained from the master program have been directly applicable to my work in the Mexican Hydrographic Office.



Contributions to hydrographic field

Share my experiences and knowledge with fellow hydrographers and young professionals in the field.



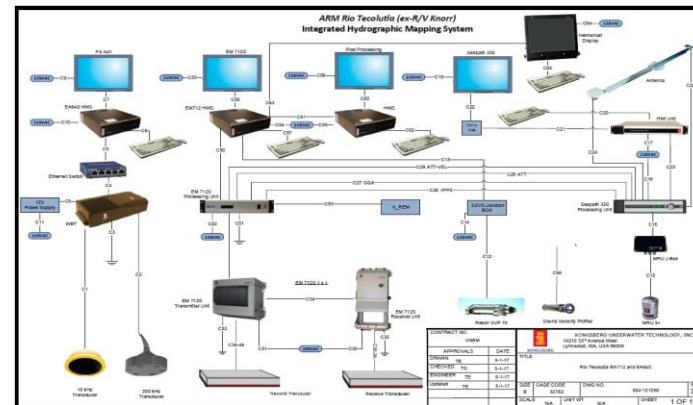
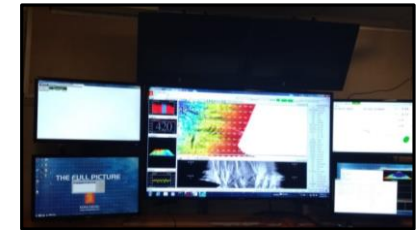
Contributions to hydrographic field



- Preparation and management of proposals/projects.
- Generation of synergies between government, academia and scientific community.
- Collaboration agreements for the development of national hydrographic capacities.

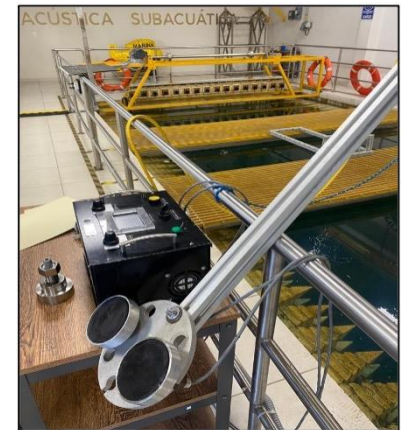
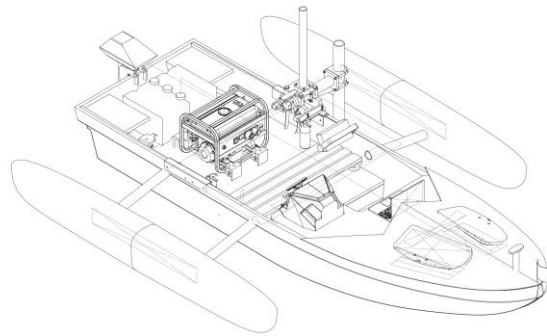
Contributions to hydrographic field

Advice for the acquisition of equipment for research vessels



Contributions to hydrographic field

Support in technology development projects



Contributions to hydrographic field



Close collaboration with hydrographic industry



Participation in national and international working groups related with hydrography



investment project proposals for hydrographic equipment

Thank you