Linking satellites and shipboard acoustics to extend global ecosystem monitoring to the ocean interior
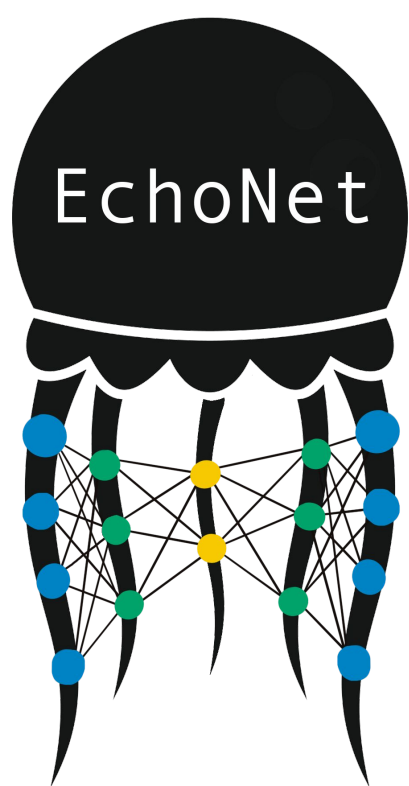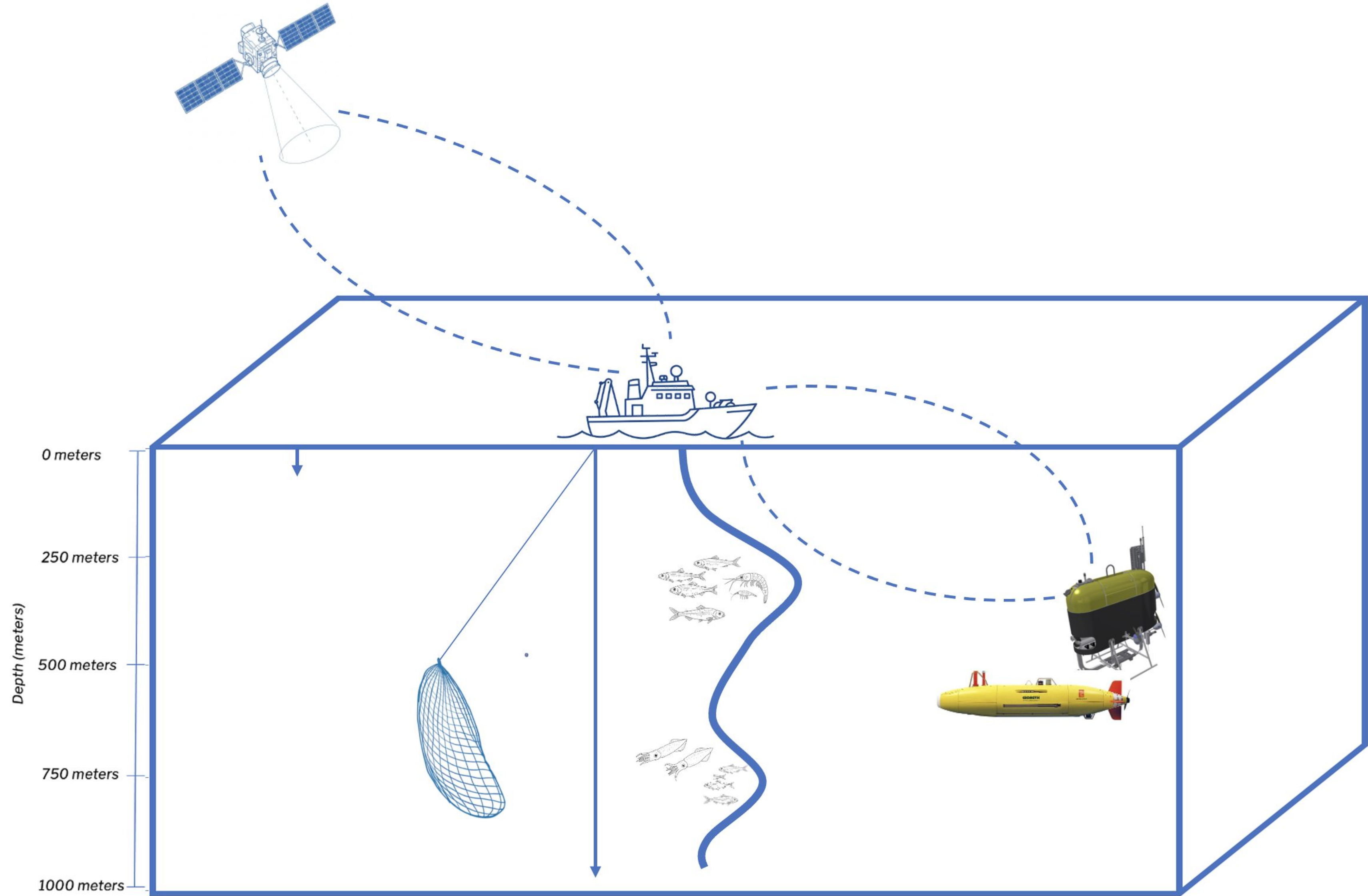
Emmett Culhane | MIT-WHOI   PI | Camrin Braun | MIT-WHOI

Global monitoring of pelagic ecosystems requires collaborative approaches linking satellite and acoustic observations

Big-data workflows needed to leverage larger and more diverse datasets
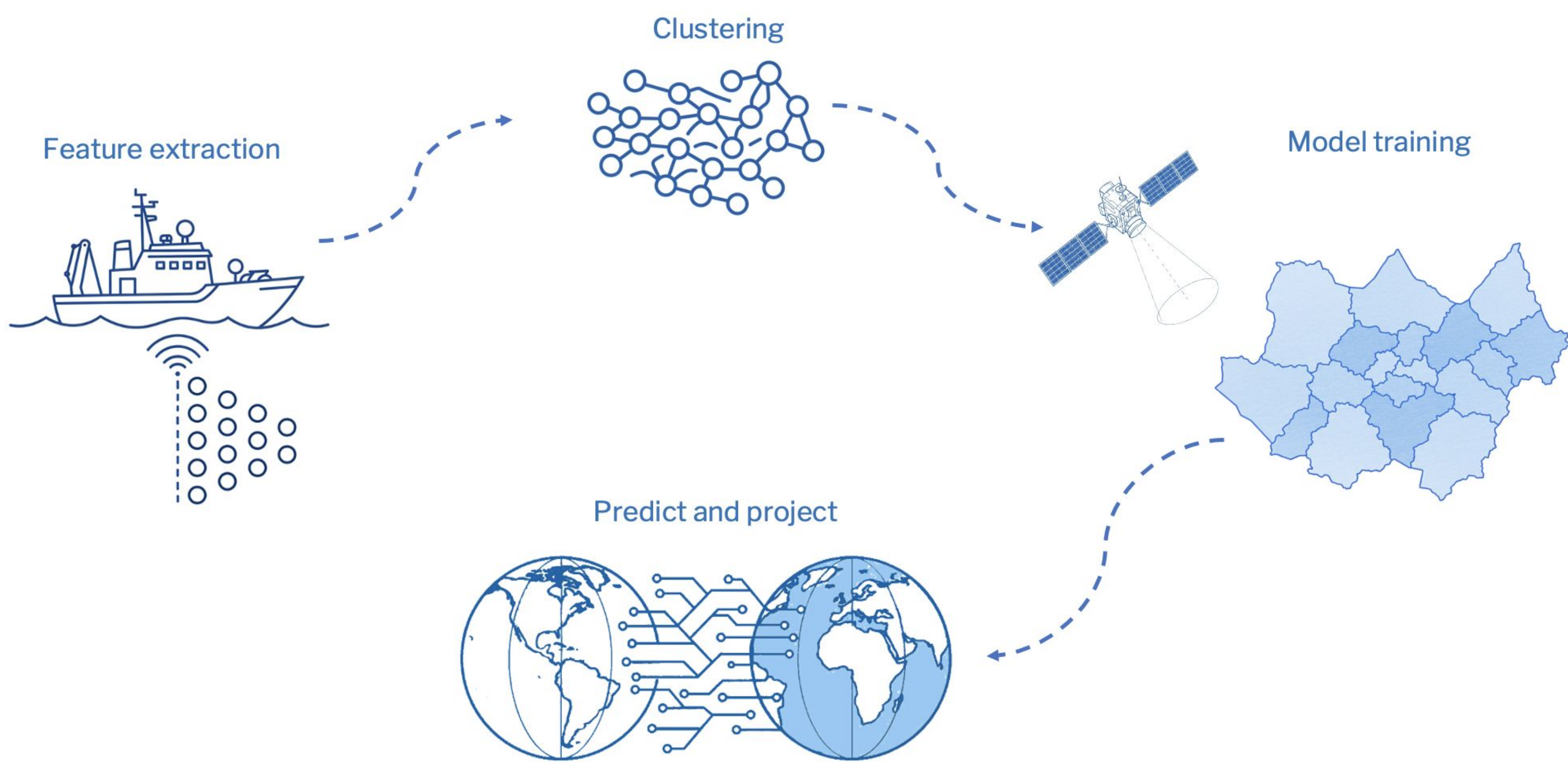

Image-based machine learning reveals large-scale ecosystem structure in normalized ADCP data, suggesting potential interoperability