

Town Hall at Ocean Sciences Meeting

Developing a coordinated vision for transdisciplinary deep ocean research

This townhall will **bring together scientists to develop a grassroots community vision promoting a new phase of deep sea discovery through coordinated transdisciplinary research efforts made possible through development of a Research Coordination Network proposal.** This effort will advance the field and create new directions in deep sea science, promote new collaborations, and foster coordination and training across disciplinary, organizational, geographic, and international boundaries all while broadening participation in deep ocean science. Such a transdisciplinary framework will enable discovery, revealing unknown connectivity between seabed fluid discharge and biological and chemical dynamics of ocean systems as a whole. Our overall goal is to build bridges between disciplines to identify the geophysical and geochemical drivers that generate variations in biological populations and activity in the sediments and waters influenced by fluid discharge and to constrain the fate of discharged materials in the system. Developing a broad comparative framework for addressing such questions