

2nd Workshop on the Environmental Controls of marine N₂ fixation: Present Knowledge and Future Challenges

Date & Venue : The workshop will be held back-to back with the 2016 Ocean Sciences Meeting on 24 February 2016, 17:00-22:00, at the Ernest N. Morial Convention Center, 900 Convention Center Blvd., New Orleans, LA 70130

Event description :

Bringing together a multidisciplinary group of experts on Marine N₂ Fixation, from genomics to global biogeochemistry, this 2nd 1-day round-table workshop wants to consolidate current knowledge and define key uncertainties in current understanding of marine N₂ fixation. Preliminary program will include; 1) Short overview presentations on the emergent knowledge gaps and the recent progress and actions undertaken since the 1st edition last year; 2) Round-table discussion session to address future research priorities, make recommendations for observational, experimental and modeling programs, and prepare a roadmap for future collaborative research project; 3) Short presentations on specific research topics to be addressed in a programmed special issue that will be submitted to a peer-reviewed journal. 4) Discuss strategies and possible funding sources for a collaborative research proposal. Refreshments will be provided.

Preliminary Agenda :

1) Emergent topics discussion 17:00 – 18:30

Short plenary presentations will be given as a focus on the emergent knowledge followed by brief discussion:

17:00	Coffee & Biscuits
17:00	<i>Welcome & Introduction (S. Rabouille, A. Oschlies and A. Landolfi)</i>
17:15	<i>Novel perspective on marine N₂ fixers (A. Landolfi)</i>
17: 30	<i>Distribution of N₂ fixers in the Eastern Pacific (M. Mulholland)</i>
17: 45	<i>Distribution of N₂ fixers in the South Atlantic (C. Mahaffey)</i>
18:00	Phosphonates utilization marine N ₂ fixers (B. Van Mooy)
18:15	Phospite utilization by marine N ₂ fixers (M. Moore)

2) New research priority discussion 18:30 – 19:30

18:30-Open Discussion on new research priorities

3) Presentation of potential papers contributions to special issue 19:30 – 20:30

19:30-Primary authors discuss the structure of the potential paper for the submission to Special issue in *Frontiers in Marine Sciences* with potential co-authors.

4) Dinner & Open discussion of possible funding schemes 20:30 -21:30

Discuss strategies and possible funding sources for a collaborative research proposal

5) Conclusion: 21:30 – 22:00