



# University-National Oceanographic Laboratory System

~UNOLS~

## International Research Ship Operators 2018





**IRSO web page: [www.irso.info](http://www.irso.info)**

Founded: Founded 1987 in London. International Ship Operators Meeting (ISOM) : 17 Participants from 8 countries.

Japan 2017- 30<sup>th</sup> Annual Meeting we had 21 countries and 80 participants

Mission- IRSO promotes the safe, efficient and environmentally responsible operation of research ships in support of the global marine scientific research community.

- Share professional information and best practices
- Explore and develop opportunities for sharing and/or exchanging ship time, personnel, instruments and equipment;
- Benchmark their research ship and associated equipment operations with other comparable operators; and
- Act as a voice to promote the research ship community and provide expert advice to other bodies as required.



Bob Houtman/National Science Foundation- IRSO Chair

Erica Koning/Royal Netherlands Institute for Sea Research-  
IRSO Co-Chair

Jon Alberts/UNOLS- Assist IRSO with agenda development,  
meeting preparations, maintaining IRSO web site



## Spanish National Research Council (CSIC)



**IRSO 2018**  
**Barcelona**  
**Hosted by UTM-CSIC**



CSIC SUPERIOR



IRSO 2018

Sponsored by Spanish National Research Council. CSIC

Venue: Mediterranean Center for Marine and Environmental Research.

Tuesday October 2 through Friday October 5, 2018

Barcelona, Spain



## IRSO Agenda Themes

- Theme 1- Delegates Report of Activity
- Theme 2- R/V Builds, Modifications, and Performance
- Theme 3- Manning, Safety, and Training
- Theme 4- Scientific Technology
- Theme 5- Legal and Insurance
- Theme 6- Cooperation and Outreach



**International Research  
Ship Operators**