

## Fourth Micro B3 Newsletter (June 2015)



### Ocean Sampling Day (OSD) 2015

The enthusiastic reactions of all parties participating in the first OSD event on June 21<sup>st</sup> 2014 motivated us to repeat OSD in 2015. We are glad to announce that already 150 sites confirmed their participation for June 2015.

You can find further information on the OSD at: [www.oceansamplingday.org](http://www.oceansamplingday.org)

The updated OSD handbook can be found [here](#).

Updated press information, including press releases, pictures and background information on OSD, MyOSD and Micro B3 are available [here](#).

[OSD Movie Teaser by Mediomix \(1:30 minutes\)](#)

[OSD Movie with subtitles in several languages by Mediomix \(9 minutes\)](#)

Do not forget to follow us on [Facebook](#), [Twitter](#) and [Instagram](#).

The official hashtags are **#osd2015** and **#oceansamplingday**, and **#myosd2015**

### Citizen Science (MyOSD) 2015

More than 250 MyOSD sampling kits for collecting water and contextual data have been sent out in the last weeks to the MyOSD hubs.

The MyOSD webpage ([www.my-osd.org](http://www.my-osd.org)) has been recently updated and the Spanish, Portuguese, German and Italian versions are online, thanks to the colleagues who kindly helped us with translations. We also prepared some dissemination material (flyers, drawings for kids, etc.) which is [available for download](#), and a [video tutorial](#) illustrating the different steps of the MyOSD sampling process.

### Micro B3 Film

A comprehensive documentary film on the entire Micro B3 project was produced by the film company Anthro Media. Now a 20 min and 5 min version is available for online viewing. The long version covers biodiversity with great footage from OSD participants and Tara Oceans, bioinformatics, biotechnology and legal aspects. Additionally, subtitles are available in many languages, thanks to many volunteers.

[Micro B3 film \(5 minutes\)](#)

[Micro B3 film \(20 minutes\)](#)

Please click on CC to see the different languages.

### Upcoming Micro B3 events:

#### Lange Nacht der Wissenschaft: 13-15 June 2015

The OSD/MyOSD team attends the "[Lange Nacht der Wissenschaft](#)" (science fair) in Berlin. We will join the German "Citizens Create Knowledge ([BürGEr schaffen WISSen](#))" team to increase public awareness of citizen science and connect with other current citizen science projects. You can find us underneath the huge dinosaur skeleton at the "Museum für Naturkunde". The official hashtag is: #Indw2015

#### Science Slam Bremen: 17 June 2015

The MyOSD team will join the [Science Slam at the Lagerhaus in Bremen](#) to bring the world of marine microbes closer to the public. At the science slam 4 to 5 people are competing against each other by giving entertaining talks about their scientific work.

### **Bremen Maritime Week: 12-20 September 2015**

The [Maritime Week in Bremen](#) is a perfect outreach event to engage with citizens and citizen scientists. We will present OSD and MyOSD as well as our [OpenROV](#) as a playground for the big and the small kids.

### **Final Conference and Third Industry Expert Workshop: 2-5 November 2015, please save the date!**

The Micro B3 Final Conference will take place in Brussels at the [Royal Flemish Academy of Belgium for Science and the Arts](#) from 2<sup>nd</sup> to 5<sup>th</sup> November 2015. One day of the Conference will be dedicated to the Third Industry Expert Workshop. [More information will be available soon.](#)

### **Past Micro B3 events:**

#### **OSD Movie opening the "Beneath The Waves Festival" in Hamburg**

On 22<sup>nd</sup> of May 2015 the [Beneath the waves festival stopped over in Hamburg](#). The organisers choose the [OSD movie](#) to kick-off the festival and invited Julia Schnetzer as a panellist to talk about the whole OSD concept and the making of the movie. The festival was well visited with around 100 guests and everyone had a wonderful evening with great short movies on diverse topics about ocean, marine science and conservation.

#### **ASLO 2015**

The Aquatic Sciences Meeting was held on February 22-27, 2015, at the Congress and Exhibition Centre in Granada, Spain. The meeting theme was "Aquatic Sciences: Global and Regional Perspectives - North Meets South". Micro B3 contributed by the organisation of session 75 "Marine Microbial Biodiversity, Bioinformatics, and Biotechnology".

[More information](#)

#### **2<sup>nd</sup> Industrial Expert Workshop**

The second-Industrial Expert Workshop, titled "Marine Micr'Omics for Biotech Applications", was successfully held at the headquarter of the company PharmaMar, on the 30<sup>th</sup> and 31<sup>st</sup> of March 2015 in Colmenar Viejo, near Madrid, Spain. It was a joint event of the three projects [Micro B3](#), [MaCuMBA](#) and [PharmaSea](#).

[More information](#)

#### **OSD Analysis Jamboree held at EMBL-EBI**

The OSD Analysis Workshop/Jamboree took place on the 9-13<sup>th</sup> March 2015 at the EBI Training Centre in Cambridge, UK. The jamboree brought together 30 OSD participants and members of the OSD Analysis Core Team with the aim of transforming the OSD primary analysis results into biological and ecological meaning.

[More information](#)

#### **Second Micro B3 Extended Executive Board Meeting held in Bremen**

A total of 30 participants from 17 research institutes, industry and academia from 7 different countries met for a two-day EEB Meeting at the Max Planck Institute in Bremen, on the 13<sup>th</sup> and 14<sup>th</sup> of January 2015. Four members of the Advisory Board also attended the meeting, giving positive feedback on the work done by the Consortium and actively contributing to the

discussions, also providing the Consortium with their valuable inputs on the repetition of the Ocean Sampling Day in 2015.

### **Micro B3 Stakeholder Workshop on Data-Sharing and ABS Compliance**

On 25<sup>th</sup> and 26<sup>th</sup> September 2014, Micro B3 organized its second stakeholder workshop, titled “At the Crossroads of Open Access to Data with Access and Benefit-Sharing Requirements - Promoting Pre-competitive Scientific Research”. Jointly organized at Fondation Universitaire in Brussels by the IUCN Environmental Law Centre, the Université catholique de Louvain, the University of Bremen, the Mediterranean Science Commission and the Environmental & Marine Project Management Agency, the event brought together 23 participants including ABS policy-makers, representatives from research funding agencies and the scientific community. Experts from three other research consortia were also attending: [PharmaSea](#), [MIRRI](#) and [Oceanomics](#).

[More information](#)

### **Micro B3 Summer School: from sampling to analysing microbial diversity & function**

As part of the Micro B3 workshop series, a Summer School focusing on standardized sampling and analysis of microbial diversity and function was held at HCMR (Hellenic Centre for Marine Research), Heraklion, from the 26<sup>th</sup> of May to the 6<sup>th</sup> of June, 2014. 23 students from four continents and 12 countries attended the Summer School. Key lecturers, mainly from the Micro B3 consortium, but also from other prestigious Institutes and Universities delivered high quality training on marine microbial biodiversity.

[More information](#)

### **Ocean Sampling Day - Transatlantic Ocean Science and Ocean Literacy Online Workshop**

NOAA’s Office of Ocean Exploration and Research, the National Marine Sanctuary Foundation, the Micro B3 Project and the College of Exploration are working together to offer this online workshop, that includes the following topics:

- Microbial Biodiversity in the Ocean
- Importance of Establishing Baselines to Measure Changes in the Environment
- Why Ocean Microbes are Canaries in the Coal Mine
- OSD Sampling Sites, Times, Protocols, Processing and Analysis
- MyOSD: Discover the superheroes of our ocean
- River Sampling Day complementary activity

The talks given during the phase I (May 4 - May 22) by Anna Klindworth and Julia Schnetzer on OSD and MyOSD, are available at <https://vimeo.com/126989621> and <https://vimeo.com/127170429>.

Phase 2 of this online workshop (June 17- June 26) will extend the conversation to document the actions of citizen scientists participating in MyOSD and to continue to develop the network.

[More information](#)

All events can be found on the [Micro B3 webpage](#) and on [Facebook](#).

Please send us information on your Micro B3 related events and we will take care to add them.

## **Publications**

The paper “The Ocean Sampling Day Consortium” with 157 co-authors has been accepted by the journal Gigascience. We hope it will be published soon.

**All Micro B3 scientific publications are available at:**

<http://www.microb3.eu/media-material/publications>

Please send us all scientific publications mentioning Micro B3 in the acknowledgment.

**Please follow and like us on [Facebook](#) and [Twitter](#) and [Instagram](#)**

The official hashtags are: [#oceansamplingday](#) [#OSD2015](#) [#MyOSD2015](#)

**The Micro B3 Team**

Bremen, 10.06.2015