



**Cyanobacterial blooms and toxins in water resources:  
Occurrence, impacts and management.**  
CYANOCOST - COST Action ES1105

**1<sup>st</sup> Year Progress Report  
May 2012 – June 2013**

3<sup>rd</sup> CYANOCOST WG-MC meeting, Gdansk, 16-18 April 2013

## Kick-off meeting, Brussels, 11 April 2012

- 33 participants from 19 countries
- Selection of Chair, Vice Chair, Grant Holder, STSM Manager, Web Coordinator, Financial Rapporteurs.
- Selection of WG leaders, co-leaders.
- Formation of a Steering Group.
- Work plan for the 1<sup>st</sup> year.
- Budget plan (139.900 €)

# ESSEM Annual Progress Conference 2012

## 20-21 June 2012, Alexandroupolis

- Presentation of CYANOCOST progress to ESSEM committee.
- Presentation of the subject area of CYANOCOST by Geoffrey Codd to ESSEM Actions.
- Evaluation by Action's Rapporteur, Dick Blaauboer.

## 2<sup>nd</sup> WG-MC meeting, Madrid, 2-4 November 2012

- 39 participants (also USA)
- WG plans by WG leaders and co-leaders
- Handbook for the analysis of Cyanotoxins: Meriluoto, Codd, Spoo
- Handbook for molecular methods: Sivonen, Kurmayer, Wilmotte.
- Special Edition for in-lake prevention & control measures: Visser, Ibelings.
- Special edition or handbook for water treatment: Hiskia, Dionysiou, Antoniou
- Data repository – data base: Blaha, Codd, Svircev, Quesada, Brient.
- Links with NETLAKES Action: Ibelings
- Budget raised to 167.000 €



# CYANOCOST Website : Luc Brient

[www.cyanocost.com](http://www.cyanocost.com)

The screenshot shows a web browser window displaying the CYANOCOST website. The browser's address bar shows the URL <http://www.cyanocost.com/>. The website's header features a banner image of a lake with a sign that reads "SAIGNADE INTERDITE" (No swimming) and the text "CYANOCOST A COST Action". Below the banner is a navigation menu with links for Home, Objectives, Management committee, Links, Scientific Mission, and Admin area. The main content area is titled "CYANOCOST - A COST Action" and includes a sub-section "Earth System Science and Environmental Management" with a globe icon and the European Union flag. The text describes the COST Action ES1105, focusing on cyanobacteria booms and toxins in water resources. It mentions the start of the action on 11/04/2012 and the end on 10/04/2016. A small image of a cyanobacteria cell is shown. On the right side, there is a search bar, a "Search CYANOCOST" button, and a "Working groups" section listing four groups: WG1 (Occurrence of cyanobacteria and cyanotoxins), WG2 (Fate, impact and health effects), WG3 (Prevention and control measures), and WG4 (End-user and outreach tools, materials and products). Below this is a "News-Announcements" section mentioning a meeting in Gdansk, Poland, in April 2013, and an ESF-EMBO Symposium on Molecular Bioenergetics of Cyanobacteria.

Home Objectives Management committee Links Scientific Mission Admin area

## CYANOCOST - A COST Action

### Earth System Science and Environmental Management



COST Action ES1105 : Cyanobacteria booms and toxins in water resources : Occurrence, impacts and mangement (CYANOCOST) will focus on toxigenic cyanobacteria that produce a wide range of potent toxins with adverse health effects on humans and animals exposed to them via drinking water, aquaculture and recreation. CYANOCOST aims to coordinate and network the ongoing efforts and capabilities across Europe for the risk mangement of cyanobacteria and cyanotoxins in water bodies, by establishing strong collaboration between academia, authorities, industry and citizens.

Start of action 11/04/2012

End of action 10/04/2016



Search CYANOCOST

#### Working groups

- WG1 : Occurrence of cyanobacteria and cyanotoxins – including methods for monitoring and analysis).
- WG2 : Fate, impact and health effects.
- WG3 : Prevention and control measures.
- WG4 : End-user and outreach tools, materials and products.

#### News-Announcements

Next meeting (3) in Gdansk (Poland) 24, 25 and 26 April 2013 and the contact is Hanna MAZUR-MARZEC. The meeting will be held in Hotel Gdansk [link](#)

ESF-EMBO Symposium  
Molecular Bioenergetics Of

## Calls for expression of interest in authoring

Call for expression of interest– Handbook of Cyanotoxins Analysis (Meriluoto, Codd, Spoof).

Call for expression of interest – Special issue of in-lake prevention-control (Visser, Ibelings).

Call for expression of interest – Molecular methods (Sivonen, Kurmayer, Wilmotte).

# Editorial Meeting – Handbook for cyanotoxins analysis 20-21 March 2013, Athens

- Editors: Meriluoto, Codd, Spoof.
- 35 participants.
- Allocation of authors and co-authors to book chapters.
- Outline of contents of chapters.
- Deadline for submission of chapters: September 2013.



# Short Term Scientific Missions

**Six STSMs in first year. Svircev – STSM Manager.**

## **COST ESSEM domain ESR Conference Grant Report**

Evangelos Spyrakos

20/04/2013

### **Scientist details**

Name: Evangelos Spyrakos

Institution: University of Stirling

### **Conference details**

Conference title: First International Conference on Remote Sensing and Geoinformation of Environment

Dates: 8-10 April 2013

Paper title: GloboLakes: Global Observatory of Lake Responses to Environmental Change





## Other activities till May 2013

Editorial meeting “Special issue – In-lake prevention and control” : Visser, Ibelings, Geneva, 16 April 2013

Presentation of CYANOCOST in the Joint COST – WssTP Strategic Conference, 16-18 April, Brussels (costs covered by COST office).

3<sup>rd</sup> WG-MC meeting, Gdansk, 24-26 April, 2013.

ESR workshop, Gdansk, 24-25 April, 2013

Presentation of CYANOCOST in EULAKES Workshop – Lake Garda, 30 May 2013 (Meriluoto, Spoof, Salmaso).

# CYANOCOST Participants

Right now 28 countries.

Welcome to Israel (Dr Assaf Sukenik), Hungary (Dr Andrea Torokne, Dr Gabor Vasas) and Denmark (Dr. Peter Henriksen, Prof Kirsten Christoffersen).

More than 100 individuals involved in our activities so far.

## Budget 1<sup>st</sup> year

Meetings: 115.350 €

STSMs: 22.200 €

Dissemination: 6.250 €

Other expenses: 1.500 €

**Science expenditure: 145.300 €**

FSAC (15%): 21.700 €

**Total : 167.000 €**



# Decisions

Approval of WG plans prepared by WG leaders.

Approval of CYANOCOST involvement in ICCE 2013 – Quesada, Dionysiou, Kaloudis to organize the 1-day satellite event.

Approval to transfer any left amount from STSMs or other activities to “Meetings” in our 1<sup>st</sup> year budget.

Approval of budget – workplan for 2<sup>nd</sup> year.

Mandate for Chair / Vice Chair to make decisions for activities/expenses up to 3000 € each – 5000 €/ year (in addition to SG mandate up to 10000 €).

# CYANOCOST : A COST Action

Adding value to European Research, Society and Economy



## Acknowledgements

**Dr. Ipek Erzi, COST ESSEM Chair**

**Dr. Deniz Karaca, Dr. Basak Kisakurek, Science Officers**

**Tania Gonzalez Ovin, Chandrasa Sjamsudin, Administrative Officers**

**Dick Blaauboer, Action's Rapporteur**

