

“Advancing knowledge on seaweed growth and development”

Invitation to PHYCOMORPH network event



Kavala City



Nea Peramos City

The COST Action PHYCOMORPH

(<http://www.phycomorph.org/>)

invites to a

Workshop (Feb. 15-16, 2016)

&

Training School (Feb. 17-19, 2016)

in Fisheries Research Institute

(www.inale.gr),

Hellenic Agricultural Organization-
DEMETER,

in

Nea Peramos, Kavala, Greece

The workshop and Training School will focus on macroalgae which are either models for basic research in developmental phycology or cultivated seaweeds. Seaweed mariculture is often considered as the most environmentally friendly form of aquaculture: it requires little or no input of fertilisers, does not cause any major physical alterations of the environment, and can be used to mediate eutrophication and pollution. Therefore, seaweeds can be considered as an alternative, additional source of food, feed, fuel and livelihood for humans. Seaweed cultivation, a basement for seaweed aquaculture, needs to be further improved and major bottlenecks to be solved.

-Workshop on macroalgal development and cultivation (2 days, max. 50 participants):

- Training School on macroalgal in vitro and tank cultivation (3 days, max 10 participants):

Registration here (still open only for the Workshop): <http://goo.gl/forms/OHBNsyNNmM>

Aim: To develop new technological tools of seaweed developmental biology and transfer the current ones to seaweed species newly identified for aquaculture purpose with a special focus on integrated multitrophic aquaculture (IMTA). Plenary sessions and restricted practical work with experts in macroalgal cultivation, both phycologists skilled in the physiology and metabolism of macroalgae, and aquaculture experts more aware of outdoor and tank equipment dedicated to large-scale cultivation.

Possible participants: Network members, invited and selected researchers, aquaculturists and policy makers. All events will take place at Fisheries Research Institute, Nea Peramos, Kavala, Greece (<https://www.google.com/maps/@40.8559347,24.3156409,84m/data=!3m1!1e3>).

The meeting is organized locally by:

Fisheries Research Institute (HAO-DEMETER): Dr. Sotiris Orfanidis [sorfanid@inale.gr]

National and Kapodistrian University of Athens: Prof. Christos Katsaros [ckatsaro@biol.uoa.gr]

Trainers: *Olivier de Clerck, Kenny Bogaert, Teis Boderskov, Elodie Rolland, Anne Weiss, Annalisa Falace, Sotiris Orfanidis*

Wednesday 17 February, 2016

| 08:00 | Departure from Hotels, Kavala Center | | |
|-------------|--------------------------------------|--------------------------------------|--|
| 08:30 | Registration | | |
| Time | Name | Organization | Title of talk |
| 09:00-09:30 | Olivier de Clerck & Kenny Bogaert | Ghent Univ., Belgium | <i>Dictyota-Fucus cultivation</i> : an introduction |
| 09:30-11:30 | Olivier de Clerck & Kenny Bogaert | Ghent Univ., Belgium | <i>Dictyota-Fucus cultivation</i> : a laboratory demonstration |
| 11:30-12:00 | Coffee | | |
| 12:00-12:30 | Teis Boderskov | Independent Researcher, Denmark | Kelp with a focus on <i>S. latissima</i> cultivation: an introduction |
| 12:30-13:30 | Teis Boderskov | Independent Researcher, Denmark | Kelp with a focus on <i>S. latissima</i> cultivation: a laboratory demonstration |
| 13:30-15:00 | Lunch (in groups) | | |
| 15:00-16:00 | Teis Boderskov | Independent Researcher, Denmark | Kelp with a focus on <i>S. latissima</i> cultivation: a laboratory demonstration |
| 16:00-16:30 | Coffee | | |
| 16:30-17:00 | Elodie Rolland | CNRS Station Biolog. Roscoff, France | <i>Ectocarpus</i> cultivation: an introduction |
| 17:00-19:00 | Elodie Rolland | CNRS Station Biolog. Roscoff, France | <i>Ectocarpus</i> cultivation: a laboratory demonstration |
| 19:00 | Departure to Hotels | | |

Thursday 18 February, 2016

| 08.00 | Departure from Hotels, Kavala Center | | |
|-------------|---|--|---|
| Time | Name | Organization | Title of talk |
| 09:00-09:30 | Anne Weiss | Friedrich Schiller Univ. Jena, Germany | <i>Ulva</i> cultivation: an introduction |
| 09:30-11:30 | Anne Weiss | Friedrich Schiller Univ. Jena, Germany | <i>Ulva</i> cultivation: a laboratory demonstration |
| 11:30-12:00 | Coffee | | |
| 12:00-12:30 | Annalisa Falace & Sotiris Orfanidis | University of Trieste, Italy | <i>Cystoseira</i> cultivation: an introduction |
| 12:30-13:30 | Annalisa Falace & Sotiris Orfanidis | University of Trieste, Italy | <i>Cystoseira</i> cultivation: a laboratory demonstration |
| 13:30-15:00 | Lunch | | |
| 15:00-15:30 | Sotiris Orfanidis | FRI (HAO-DEMETER), Greece | <i>Porphyra</i> cultivation: an introduction |
| 15:30-16:00 | Coffee | | |
| 16:00-17:00 | Sotiris Orfanidis & Vasilis Papathanasiou | FRI (HAO-DEMETER), Greece | <i>Porphyra</i> cultivation: a laboratory demonstration |
| 17:00-18:00 | Closure | | |
| 18:00 | Departure to Hotel | | |
| 20:00 | Dinner (costs 20 Euros) | | |

Friday 19 February, 2016

| | |
|-------------|--|
| 08:00 | Departure from Hotels, Kavala Center |
| Time | Activity (Chaired by Vasilis Papathanasiou) |
| 08:30-12:00 | Field trip to nearby coastal lagoons |
| 12:00-13:00 | Coffee in a local Café |
| 13:00-15:00 | Field trip to nearby coastal lagoons |
| 15:00-16:30 | Lunch |
| 16:30 | Departure to Kavala Airport & Hotels |

Other members of the Lab involved:

K. Nakou, S. Tsioli, A. Papadimitriou, M. Kosmidou

