

CONFERENCE ON ORGANIC AQUACULTURE

Program

Wednesday and Thursday, June 18th – 19th and, on Friday, June 20th: workshop on sustainable fishery

The Conference is organized by The Institute for Ethical and Environmental Certification (ICEA)

Conference Coordinator: Pino Lembo

Location: Cattolica – Rimini

Room: Teatro della Regina, piazza della Repubblica - Cattolica

Language: English

Simultaneous translation available: Italian

(only for the Sustainable Fishery workshop on Friday)



Wednesday, June 18th, 2008

14.30 – 18.00

Key lectures on *Fish welfare*

Prof. Robert Scott McKinley, Canada Research Chair, Aquaculture & the Environment, NSERC/Industrial Research Chair – Biotelemetry. Faculty of Land and Food Systems, University of British Columbia, Vancouver, Canada.

Communications:

Literature study on husbandry parameters affecting fish welfare

Bergleiter, S., Holler S. & Julià-Camprodon, G.
Naturland e.V., Germany

Muscle activity as a potential indicator of welfare in farmed European Sea Bass: results from an electromyographic (emg) telemetry study

P.L. Carbonara¹, M. Scolamacchia¹, M.T. Spedicato¹, R.S. McKinley² & G. Lembo¹

¹COISPA, Experimental Station for the Study of Marine Resources, Italy.

²University of British Columbia, Canada

The use of clove oil and tricaine methansulfonate for inducing anaesthesia and their effects on stress parameters in sea bass (*Dicentrarchus labrax* L.) and gilthead sea bream (*Sparus aurata* L.)

Ferrante, I., Nucci M.E., Cataudella S.
University "Tor Vergata"- Rome, Italy.

Effect of slaughtering methods on stress and quality of caged bluefin tuna (*thunnus thynnus*)

Concetta Messina¹ and Andrea Santulli²,

¹Università di Palermo, Italy.

²Consorzio Universitario Trapani, Italy

Animal welfare and product quality in organic aquaculture.

Portela, C.¹, Picón F.¹, Alba I.¹, Hernando J.A.¹; Carmona R.², Ostos M.V.², Camacho S.², Llorente J.I.², López de Hierro L.², Furné M.², Trenzado C.², Sanz A.², García-Gallego M.², Suarez M.D.³, & Domezain A.⁴

¹University of Cádiz, España

²University of Granada, Spain

³University of Almería, Spain

⁴Piscifactoría de Sierra Nevada s.l., Spain.

Influence of responsible rearing techniques on flesh quality and welfare status of seabass (*Dicentrarchus labrax*) in Italy

Roncarati A., Melotti P., Felici A., Dees A., Forlini L.

Camerino University, Italy.

Organic Shrimp Farming Experience in Thailand

Lila Ruangpan

Department of Fisheries, Ministry of Agriculture and Cooperatives, Thailand

Assessing the impacts of fish-farm activities on the seawater quality in the maltese islands using a nested sampling design.

Mark Dimech and Francesca Gravino

Malta Centre for Fisheries Sciences (MCFS), Malta

Thursday, June 19th

9.00 – 13.00

Key lectures on *Organic fish feeds*

Prof. Anders Kiesling, Dept Animal and Aquacultural Sciences, Norwegian University of Life Sciences, Aas - Chair of the EU-COST Action on fish welfare

Communications:

Organic aquaculture feeds - towards proven sustainability

Bridson P.

Soil Association, Scotland.

Organic aquaculture feeds for Mediterranean species: needs, opportunities and mismatches

Jorge Dias and Luís Conceição

SPAROS Lda. – I&D Nutrition in Aquaculture

Center for Regional Innovation of Algarve, University of Algarve, Portugal.

Fatty acid profile and physical traits of *Marsupenaeus japonicus* reared in semi-intensive shrimp pond and fed with fresh food supplementation

Lastilla, M., Di Turi, L., Colonna, M.A., Ragni, M., Vicenti, A., Vonghia, G. & Caputi Jambrenghi, A.

University of Bari, Italy.

Environmental-friendly diets and certification issues for sustainable semi-intensive coastal aquaculture in the SEACASE project

L. Conceição¹, J. Dias¹, P. Vaz-Pires², L. Valente², A. Ramalho Ribeiro¹, M. Yúfera³, G. Marino⁴, M. Falcão⁵, M.E. Cunha⁵ and M.T. Dinis¹

¹CIMAR-CCMAR, Universidade do Algarve, Portugal

²ICBAS, Universidade do Porto, Portugal.

³Instituto de Ciencias Marinas de Andalucía (CSIC), Spain

⁴ICRAM, Central Institute for Marine Research, Italy

⁵Instituto Nacional de Investigação Agrária e das Pescas (INIAP/IPIMAR-CRIPSul), Portugal

Organic feeds vs commercial diet in European seabass *Dicentrarchus labrax* L.

Palmeigiano, GB.¹, Daprà, F.¹, Gai, F.¹, Scolamacchia, M.²

¹CNR Institute of Science of Food Production, Italy.

²COISPA, Experimental Station for the Study of Marine Resources, Italy

Key lectures on *Environmental sustainability*

Prof. Stefano Cataudella, Full Professor of Applied Ecology, Biology Department of University of Roma Tor Vergata, Roma, Italy.

A global survey on organic aquaculture production and markets

Bergleiter, S.¹, Berner N.², Censkowsky, U.², Holler, S.¹, Julia G.¹, Stamer, A.¹

¹Naturland e.V., Germany

²Organic Services GmbH, Germany

Thursday, June 19th

14.30 – 18.00

Budding induction in a marine sponge: a cue for cultivation purposes

Cardone F.^a, Nonnis Marzano C.^a, Spedicato M.T.^b, Lembo G.^b, Gaino E.^c, Corriero G.^a

^aUniversità di Bari, Italy

^bCOISPA Tecnologia & Ricerca, Italy

^cUniversità di Perugia, Italy

Effects of sea cage farm on wild fish populations. A case study of bluefin tuna (*thunnus thynnus*) fattening in Castellammare del Golfo (western Sicily).

Giuseppe Catalano¹, Mariano Randazzo¹, Francesco Sacco¹, Concetta Messina², Laura La Barbera³, Andrea Santulli^{3*}

¹Aegusa Soc. Coop. a r.l., Italy

²Università di Palermo, Italy

³Consorzio Universitario Trapani, Italy.

Sustainability and Aquaculture, a contradiction? An example for a conservationalist approach in Vietnam

Gieseler, J.S., Stark, M. & Bächli, R.

Institute for Marketecology (IMO), Switzerland.

Conversion from conventional to organic aquaculture farming in the philippines, potential and constrains

K.-J. Kühlmann¹, L. dela Fuente², A.O. Benedicto², R.P. Gasparillo³, U. Scholz⁴

¹German Development Service (DED),

²Office of the Provincial Agriculturist, Provincial Government of Negros Occidental

³Negros Island Sustainable Agriculture and Rural Development Foundation Inc. (NISARD), Capitol Bldg.

⁴German Technical Cooperation (GTZ), GTZ-CFRM Office, Philippines.

Organic Certification of Aquaculture Products – a Chance for Sustainable Aquaculture Development

Marc Nolting and Mark Prein

Deutsche Gesellschaft für Technische Zusammenarbeit (GTZ), Germany

Developing organic aquaculture production – issues and dilemmas

Olesen, I.¹, Lund, V.² & Finden, J.-W.³

¹Nofima Marine, Norway.

²National Veterinary Institute, Norway

³Debio, Norway

Quality of fish reared in extensive in the salt works of Trapani and Marsala (Western Sicily). Sea salt and fish as flag products to promote territory and Natural Reserves.

Andrea Santulli¹, Concetta Messina²

¹Consorzio Universitario Trapani, Italy.

²Università di Palermo, Italy

Organic aquaculture in rice fields

Mathew Sebastian

INDOCERT, Thottumugham, Kerala -5, India.

Friday, June 20th

9.00 – 13.00

Workshop Sustainable fishery and typical productions: what quality and certification system?

Key lectures

Johan Cejie, Krav

Stefan Bergleiter, Naturland

MSC, to be confirmed

Pino Lembo, ICEA



Pino Lembo, ICEA