

Biofuels Co-products Workshop presentations now online  
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The Aquatic Feeds and Nutrition Department (AFN) of the Oceanic Institute hosted a workshop on the use and processing of biofuel co-products in feeds for fish, shrimp, urchin and shellfish. The continuing demand for alternative energy sources is driving innovative uses of plant products as feedstock for biofuels. This means that an array of new co-products are becoming available for potential use in aquafeeds.

The Aquatic Feeds and Nutrition Department (AFN) of the Oceanic Institute, Hawai'i, USA, has been conducting trials on a number of these co-products to determine their nutrient profiles, acceptability for inclusion in aquatic animal diets and optimal processing parameters.

The AFN department discussed their findings at a workshop held at the Oceanic Institute December 1 and 2, 2011.

Download Agenda: [Agenda Biofuels Workshop](#)

Introduction - Dr. Warren Dominy, Director, Aquatic Feeds and Nutrition Department, Oceanic Institute. Download presentation: [Workshop Intro](#)

Biomass Crop Integration to Produce Food and Energy in Hawaii” – Dr. Bob Shleser, Founder and former Chief Technology Officer for Clear Fuels Technology Inc. Download presentation: [Shleser Integrated System](#)

Defatted Algal Co-products – Dr. F.C. Thomas Allnut, Senior VP of R&D, Phycal. Download presentation: [Allnut Phycal](#)

Whole and Defatted Algal Co-products – Dr. Jeff Obbard, V.P., Science and Technology, Cellana LLC. Download presentation: [Obbard Cellana Presentation](#)

Whole Algae and Algal Co-product - Dr. Gerry Cysewski, Chief Science Officer, Cyanotech. Download presentation: [Cysewski Cyanotech](#)

Oil Press Cakes – Mr. Bob King, President, Pacific Biodiesel. Download presentation: [King Pacific Biodiesel](#)

Bioconversion of Biofuel Residues & Value added Co-products– Dr. Samir K. Khanal P.E., Assistant Professor, Department of Molecular Biosciences and Bioengineering. University of Hawaii, Manoa. Download presentation: [Nitayavardhana Bioconversion](#)

Value Added Co-product from Jatropha Biodiesel Production Rakshit K. Devappa Download presentation: [Rakshit Jatropha Co-product](#)

Shrimp (*Litopenaeus vannamei*) - Dr. Addison Lawrence, Professor, Texas A&M University and Drs. Dong Fang Deng, & Zhi Yung Ju Research Scientists, Oceanic Institute.

Download presentation: [Lawrence Algae Co-products](#)

Download presentation: [Ju Defatted algae Co-products](#)

Evaluation of Biofuel Co-products as Ingredients for Aquafeed Download presentation - Dr. Dong Fang Deng, Research Scientist, Oceanic Institute Download presentation: [Deng Biofuel Co-products](#)

Evaluation of Corn Dried Distillers Grains with Solubles (DDGS) as a Potential Alternative Ingredient for Shrimp Feeds - Dr. Addison Lawrence, Professor, Texas A&M University.

Download presentation: [Lawrence DDGS](#)

Abalone (*Haliotis discus hannai*) - Ms. Cecilia Viljoen, R&D Director at Big Island Abalone, and Dr. Zhi Yong Ju, Research Scientist, Oceanic Institute.

Download presentation: [Viljoen Abalone](#)

Download presentation: [Ju Abalone Research](#)

Enhanced Growth Effects by Inclusion of Pond Flocc to Shrimp Diets - Dr. Zhi Yong Ju, Research Scientist, Oceanic Institute Download presentation: [Ju Flocc Diets](#)

Limpets “Opihi” (*Cellana talcosa*) - Dr. Harry Ako, Professor Department of Molecular Biosciences and Bioengineering, University of Hawaii, Manoa and Mr. Vernon Sato, Algal Consultant.

Download presentation: [Ako Opihi 2011](#)

Download presentation: [Sato Biofuel Algae-Opihi](#)

Extrusion Process for Aquatic Feeds - Mr. Joe Kearns, Aquaculture Processing Technology Manager, Wenger Manufacturing. Download presentation: [Kearns-Wenger](#)

Status of Oceanic Institute's Aquatic Research Feed Mill Download Presentation: [Ostrowski-Research Feedmill](#)

Tour of AFN Facilities and Demonstration of extruded feed using algal co-products in Shrimp, Moi, Abalone, Opihi and Urchin Feeds - Mr. Peter Hutchinson, Director, EN Hutchinson Ltd, Ward Kashiwa & Gavin Nagaue, Research Associates, Oceanic Institute.